

AIR

PRICE LIST 2023



 **iNOITECH**

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 **Luzman**

Table of content



COMPRESSED AIR FILTERS		Pressure	Capacity	Page	PG
AAF	Aluminium compressed air filters	16 bar	10 - 2.760 Nm ³ /h	4	1
BF	Welded carbon steel compressed air filters	16 bar	1.680 - 31.400 Nm ³ /h	6	3
CS/CS SS	Welded condensate separators	16/13 bar	840 - 14.280 Nm ³ /h	8	3
SFH/SFH SS	Welded condensate separators	16/13 bar	1.760 - 12.550 Nm ³ /h	9	3
AAFs	Silicone free compressed air filters	16 bar	10 - 2.760 Nm ³ /h	10	1
AAF HT	Aluminium high temperature compressed air filters	10 (13)bar	10 - 2.760 Nm ³ /h	12	1
AAF O ₂	Aluminium compressed gas filters for Oxygen	16 bar	10 - 2.760 Nm ³ /h	14	1
P-VAC	Vacuum pump protection filters	20-2.000 mbar (abs)	1,25 - 345 Nm ³ /h	16	1
M-VAC	Medical vacuum filters	20-2.000 mbar (abs)	1,25 - 345 Nm ³ /h	18	1
BF HP	High pressure welded carbon steel compressed air filters	25 bar	1.680 - 31.400 Nm ³ /h	20	3
SFH HP	Welded high pressure condensate separators	25 bar	1.760 - 12.550 Nm ³ /h	22	3
HF	Cast aluminium high pressure compressed air filters	50 bar	71 - 2.760 Nm ³ /h	24	5
HF O ₂	Cast aluminium high pressure filters for Oxygen	50 bar	71 - 2.760 Nm ³ /h	26	5
CHP	Carbon steel high pressure compressed air filters	100, 250, 420 bar	40 - 715 Nm ³ /h	28	5
IHP	Stainless steel high pressure compressed air filters	100, 250, 420 bar	40 - 715 Nm ³ /h	30	5
WFIT	Welded stainless steel comp. air filters - threaded connections	14 bar	75 - 3.600 Nm ³ /h	32	5
WFIW	Welded stainless steel comp. air filters - welding end connections	14 bar	75 - 3.600 Nm ³ /h	34	5
WFIT	Welded stainless steel comp. air filters - flanged connections	10/14 bar	150 - 21.120 Nm ³ /h	36	5
WHFIT	High pressure stainless steel process compressed air filters	50 bar	150 - 2.400 Nm ³ /h	38	5
PF	Stainless steel process compressed air filters	14 bar	75 - 21.120 Nm ³ /h	40	5
SPF	Stainless steel sterile compressed air filters	14 bar	75 - 3.600 Nm ³ /h	42	5
SF	Stainless steel sterile compressed air filters	10 bar	75 - 21.120 Nm ³ /h	44	5
HPF	High pressure stainless steel process filters	50 bar	150 - 2.400 l/min	46	5
AV	Stainless steel air venting filters		9 - 310 Nm ³ /h	48	5
MSS	Mobile steam sterilizer	1 to 3,6 bar	-	49	5

INDICATORS		Pressure	Page	PG
PDI 16	Differential pressure indicator	16 bar	50	6
MDM 40	Differential pressure indicators	20 bar	50	6
MDA 60	Differential pressure indicators	20 bar	50	6
VPG 40	Differential pressure indicators	20-2000 mbar	50	6
EPG 60	Electronic pressure gauge	16 bar	50	6
MDH 200	Differential high pressure indicators	200 bar	50	6
MDH 420	Differential high pressure indicators	420 bar	50	6
MDHI 50	Differential high pressure stainless steel indicator	50 bar	50	6
OCl	Oil content indicator	0,68 - 16 bar	51	6
CHI	Humidity indicator	20 bar	51	6

CONDENSATE DRAINS		Pressure	Page	PG
EMD	Electronic condensate drains	16 bar	52	6
IED	Electronic condensate drain	16 bar	53	6
TD M	Timer controlled condensate drain	16, 25, 50, 150 bar	53	6
AOK 16B	Automatic mechanical condensate drain	16 bar	53	6
AOK 16F	Automatic mechanical condensate drain	16 bar	53	6
AOK 13PA	Automatic mechanical condensate drain	13 bar	53	6
AOK 20B	Automatic mechanical condensate drain	20 bar	53	6
AOK 20SS	Automatic mechanical stainless steel condensate drain	20 bar	53	6
EMD	Service kits		54	6
MCD-B	Manual condensate drain	16 bar	54	6
MCD	Manual condensate drain	20 bar	54	6
MCDI	Manual condensate drain	20 bar	54	6
MCDIs	Manual condensate drain	20 bar	54	6
TD 50/150/420M	High pressure timer controlled condensate drains	50/150/420 bar	54	6
EMD HP	High pressure electronic condensate drains	50 bar	54	6
EMD HP	Service kit		55	6
AOK 50B/SS	Automatic mechanical high pressure condensate drain	50 bar	55	6
BALL VALVE	Valve	16 bar	55	6
DRAIN VALVE	Valve	64, 420 bar	55	6

ACCESSORIES		Pressure	Page	PG
AK AAF	Assembly kits for filters		56	6
WB AAF	Wall mounting kits for filters		56	6
WK	Wall mounting kits for filters		56	6
SG	Sight glass	16 bar	56	6
NIPPLE		20, 50 bar	56	6
WQTK	Watter quality test kit		57	6
ES	Exhaust silencer	16 bar	58	6

WATER/OIL SEPARATION EQUIPMENT		Page	PG
WOSm	Water - oil separators	59	7
WOS	Water - oil separators	60	7
WOS CD	Condensate distributor	61	7



DRYERS, COOLERS, OIL REMOVERS		Pressure	Capacity	Dew point	Page	PG
RDP	Refrigeration compressed air dryers	16/14 bar			62	8
RDT	Refrigeration compressed air dryers with timer drain	16 bar			63	8
RDL	Refrigeration compressed air dryers	13 bar			64	8
RDHP	High pressure refrigeration compressed air dryers	45 bar			65	8
RDP/RDT	Service parts				66	9
RDL	Service parts				67	9
A-DRY	Heatless regeneration adsorption compressed air dryers	4 to 16 bar	6 - 200 Nm ³ /h	-40 °C (-25 °C/-70 °C)	68	9
A-DRY TAC	Adsorption compressed air dryers with activatec carbon tower	4 to 16 bar	6 - 117 Nm ³ /h	-40 °C (-25 °C/-70 °C)	70	9
A-DRY BM	Heatless regeneration adsorption compressed air dryers	4 to 16 bar	6 - 200 Nm ³ /h	-40 °C (-25 °C/-70 °C)	72	9
X-DRY	Heatless regeneration modular ads. compressed air dryers	4 to 16 bar	300 - 1.050 Nm ³ /h	-40 °C (-25 °C/-70 °C)	74	9
B-DRY	Heatless regeneration adsorption compressed air dryers	4 to 16 bar	110 - 1.000 Nm ³ /h	-40 °C (-25 °C/-70 °C)	76	9
B-DRY TAC	Heatless regener. ads. air dryers with act. carbon tower	4 to 16 bar	1200 - 6.500 Nm ³ /h	-40 °C (-25 °C/-70 °C)	78	9
B-DRY BM	Heatless regeneration adsorption compressed air dryers	4 to 16 bar	110 - 1.000 Nm ³ /h	-40 °C (-25 °C/-70 °C)	80	9
F-DRY	Heatless regeneration adsorption compressed air dryers	4 to 16 bar	1200 - 6.500 Nm ³ /h	-40 °C (-25 °C/-70 °C)	82	9
COM-DRY	Refrigerant + adsorption compressed air dryers	4 to 11 bar	1200 - 6.500 Nm ³ /h	-40 °C (-25 °C/-70 °C)	84	9
R-DRY BVA	Heat reg. ads. dryers - cooling with ambient air	4 to 11 bar	390-20.200 Nm ³ /h	-40°C	86	10
R-DRY BP	Heat reg. ads. dryers - cooling with purge air	4 to 11 bar	390-20.200 Nm ³ /h	-40°C	88	10
R-DRY BVL	Heat reg. ads. dryers - cooling with closed loop	4 to 11 bar	390-20.200 Nm ³ /h	-40°C	90	10
R-DRY HOC F/P	Heat reg. ads. dryers - heated with full/partial stream	4 to 11 bar	390-20.200 Nm ³ /h	-20°C	92	10
R-DRY HP BVA	High pressure heat reg. ads. dryers - cooling with ambient air	50 bar	2.485 - 23.400 Nm ³ /h	-40°C	94	10
R-DRY HP BP	High pressure heat reg. ads. dryers - cooling with purge air	50 bar	2.485 - 23.400 Nm ³ /h	-40°C	96	10
R-DRY HP BVL	High pressure heat reg. ads. dryers - cooling with closed loop	50 bar	2.485 - 23.400 Nm ³ /h	-40°C	98	10
HP-DRY	High pressure heatless regeneration adsorption dryers	50, 100, 150, 420 bar	50 - 1.600 Nm ³ /h	-40°C	100	10
MAA-DRY	Membrane compressed air dryers	12 bar	3 - 180 Nm ³ /h	+15, +3, -20, -40 °C	102	9
PICO-DRY	Heatless regenerated adsorption dryer (piston compressor)	16 bar	6 - 12 Nm ³ /h	-40 (-20) °C	103	9
ACA	Air cooled aftercoolers	15 bar	66 - 4.500 Nm ³ /h		104	9
ACW	Water cooled aftercoolers	10 bar	132 - 45.570 Nm ³ /h		105	9
TAC	Activated carbon towers	16 bar	6 - 2.800 Nm ³ /h		106	9
TAC HP	High pressure activated carbon towers	50, 100, 150, 420 bar	50 - 1.600 Nm ³ /h		107	9
SORBEO	Adsorbents				108	9



GENERATORS		Pressure	Capacity	Page	PG
N-GEN	PSA nitrogen generators	6-10 bar	0,83 - 766,8 Nm ³ /h	110	9
NM-GEN	Membrane nitrogen generators	16 bar	0,8 - 780 Nm ³ /h	112	9
O-GEN	PSA oxygen generators	5-6 bar	1,02 - 94,9 Nm ³ /h	114	9

MEASURING EQUIPMENT		Pressure	Page	PG
OS 331	Display / data logger		116	9
OS 401, 421	Economic flow / consumption sensors	50 bar	116	9
OS 415	Thermal mass flow meter		116	9
OS 430	Flow measurement for wet air		117	9
OS 211, 215, 220	Dew point sensor	50 bar	117	9
OS MC	Measuring chamber for OS 215, 220		117	9
OS 305	Dew point sensor		117	9
OS 520	Portable dew point sensors	-1 - 15 bar	117	9
OS 16, 40	Pressure sensor	16, 40 bar	117	9
OS 531	Portable leak detector for pressurized systems		118	9
OS 120	Oil sensor	10 bar	118	9
OS 130, 132	Particle counter analyzer		118	9
OS 600 set	Portable compressed air purity analyser		118	9
OS 601 (A,B,C,D)	Stationary compressed air purity analyser		118	9
OS 551-P4 sets	Portable data logger, sensors: flow, dew point, pressuresensors		118	9
OS 551-P6 sets	Portable data logger, sensors: flow, dew point, pressure		118	9



PRESSURE VESSEL		Pressure	Page	PG
PV	Pressure vessels - low pressure	11 bar	120	9
HPV	Pressure vessels - high pressure	up to 48 bar	121	9
PV/HPV SK	Service kits for pressure vessels/high pressure vessels		122	9
PV O₂	Pressure vessels for Oxygen - low pressure		122	9

COMPRESSED AIR EQUIPMENT		Pressure	Capacity	Page	PG
PP	Painting air filtration systems	16 bar	78 - 120 Nm ³ /h	123	9
B-AIR	Breathing air filtration systems	16 bar	78 - 780 Nm ³ /h	124	9
B-AIR plus	Portable breathing air filtration system	16 bar	120 Nm ³ /h	125	9
AIRWATT	Heat recovery units	16 bar		126	9
BS 12-3,5	Petrol station equipment	12 bar	350 NI/h	127	9
AWS	Petrol station equipment	10 bar	170 NI/h	127	9
PETRO-PACK	Petrol station equipment	12 bar	350 NI/h	127	9
BS TOWER	Petrol station equipment	12 bar		127	9



AAF

ALUMINIUM COMPRESSED AIR FILTERS

operating pressure

16 bar


TECHNICAL DATA & PRICES

PG/1

Filter housing size	Pipe size	Max. oper. pressure	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass	Filter element type	Gross Price (for filter housing only)	Gross Price (filter housing with flange)
			Nm³/h	scfm	A	B	C	D				
	inch	bar/psi			mm	mm	mm	mm	kg		EUR	EUR
AAF 0006 ³⁾	1/8	16/232	10	6	105	55	14	50	0,23	3528	52,99	/
AAF 0016 ³⁾	1/4	16/232	18	11	125	55	14	70	0,24	5528	56,00	/
AAF 0026	1/4	16/232	25	15	145	73	18	50	0,42	3844	57,84	/
AAF 0036	3/8	16/232	30	18	145	73	18	50	0,42	3844	59,63	/
AAF 0046	1/4	16/232	35	22	189	88	32	60	0,72	6050	62,20	/
AAF 0056	3/8	16/232	60	35	189	88	32	60	0,71	6050	62,85	/
AAF 0076	1/2	16/232	78	46	189	88	32	80	0,7	7050	70,67	174,17
AAF 0106	3/4	16/232	120	70	257	88	32	150	0,8	14050	83,30	224,85
AAF 0186	1	16/232	198	116	261	125	37	160	1,9	12075	119,40	305,84
AAF 0306	1	16/232	335	197	361	125	37	250	2,4	22075	130,38	316,82
AAF 0476	1 1/2	16/232	510	300	461	125	37	350	2,6	32075	153,98	420,17
AAF 0706	1 1/2	16/232	780	459	641	125	37	530	3,5	50075	183,77	449,96
AAF 0946	2	16/232	1.000	588	698	164	49	520	6,1	51090	315,78	773,25
AAF 1506	2	16/232	1.500	882	944	164	49	770	8,0	76090	383,28	840,76
AAF 1756	2 1/2	16/232	1.680	990	944	164	49	770	7,6	76090	648,85	1.175,80
AAF 2006	3	16/232	2.160	1.270	802	242	60	630	14,1	51140	782,37	1.413,30
AAF 2406	3	16/232	2.760	1.620	999	242	60	770	16,1	75140	966,27	1.597,20

Remarks:

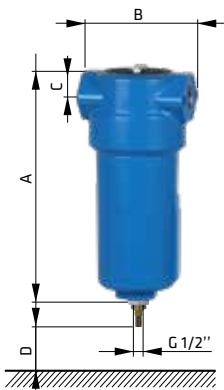
¹⁾ Filter elements "A" must be changed periodically to suit application, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

²⁾ Valid if "S" filter cartridge is installed upstream.

³⁾ For size AAF 0006 and 0016 no differential pressure indicator and no internal condensate drain is available, IED not available.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13



FILTER ELEMENTS												
PG/2			B prefilter	P prefilter	XR prefilter	XM microfilter	XS finefilter	A activated carbon	A² adsorption	H² catalyst	MS² adsorption	CKL separator
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosilicate micro fibres			stainless steel, PA	
							activated carbon	hopcalite	molecular sieve			
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price EUR	Gross price EUR			Gross price EUR	Gross price EUR	Gross price EUR	Gross price EUR	Gross price EUR	
3528	10	AAF 0006	/	24,95			/	/	/	24,95		
5528	18	AAF 0016	/	25,43			/	/	/	25,25		
3844	25	AAF 0026	/	25,73			/	/	/	25,54		
3844	30	AAF 0036	/	25,73			/	/	/	25,54		
6050	35	AAF 0046	30,60	26,63			/	/	/	/		
6050	60	AAF 0056	30,60	26,63			/	/	/	25,81		
7050	78	AAF 0076	37,87	32,95			95,37	109,65	99,53	25,81		
14050	120	AAF 0106	48,85	42,41			105,41	144,78	122,80	31,86		
12075	198	AAF 0186	64,10	53,39			133,25	178,13	155,26	38,84		
22075	335	AAF 0306	90,45	75,35			149,85	282,43	174,60	/		
32075	510	AAF 0476	133,80	91,13			163,87	391,12	190,92	45,41		
50075	780	AAF 0706	168,46	116,24			184,59	624,43	215,05	/		
51090	1.000	AAF 0946	199,62	166,45			/	/	/	95,51		
76090	1.500	AAF 1506	324,85	202,70			/	/	/	95,51		
76090	1.680	AAF 1756	324,85	202,70			/	/	/	/		
51140	2.160	AAF 2006	469,76	257,60			/	/	/	204,07		
75140	2.760	AAF 2406	682,30	298,49			/	/	/	/		

CONDENSATE DRAINS									
PG/6	MCD-B	MCD	AOK 16B	AOK 13PA	AOK 20B	TD 16M	EMD 12	EMD 25	IED
Gross Price [EUR]	9,11	11,80	31,83	36,11	50,23	95,37	156,38	193,10	108,77

* You can find other variations of condensate drains from page 54 on.

DIFFERENTIAL PRESSURE INDICATORS					
PG/6	PDI 16	MDA 60	MDM 40	EPG 60	CHI
Gross Price [EUR]	20,46	64,37	45,39	177,62	92,67

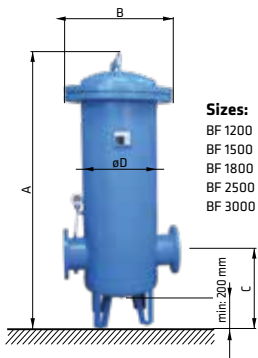
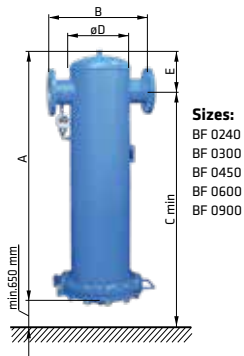
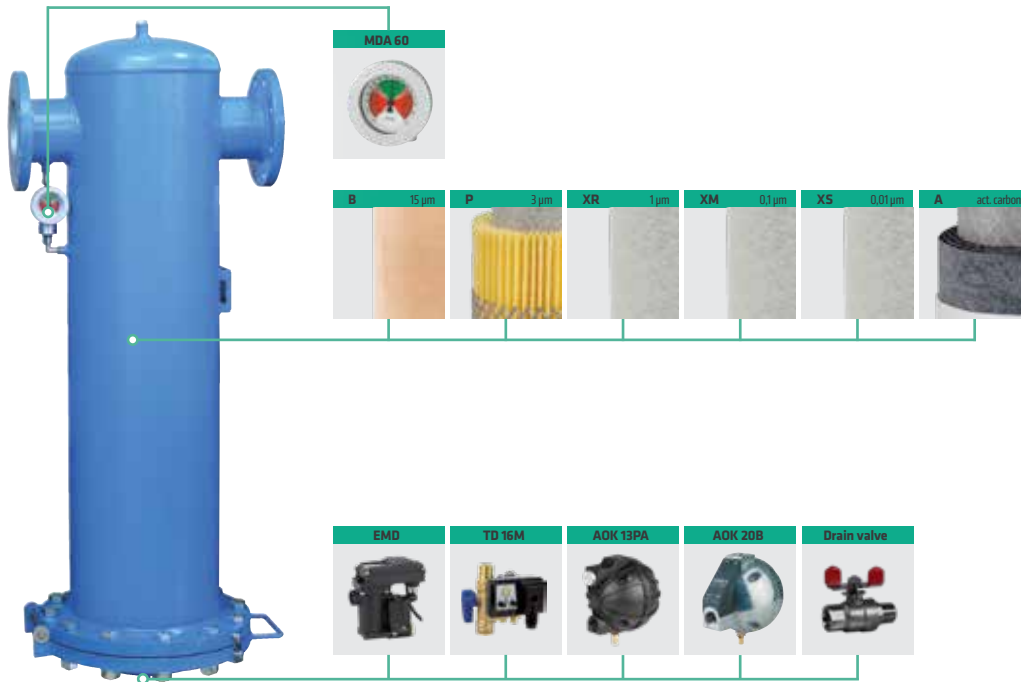
* You can find other variations of differential pressure indicator on page 52 and 53.

ACCESSORIES										
PG/6	AK AAF 2S	AK AAF 3S	AK AAF 2M	AK AAF 3M	AK AAF 2L	AK AAF 3L	AK AAF 2XL	AK AAF 3XL	WK AAF 1S	WK AAF 2S
Gross Price [EUR]	33,83	36,95	40,05	36,95	40,05	40,05	36,95	40,05	33,83	36,95
	40,05	53,22	56,85	59,70	73,77	79,22	82,96	83,21	87,56	91,92
	21,68	16,06	20,31							

BF

WELDED CARBON STEEL COMPRESSED AIR FILTERS

operating pressure

16 bar


TECHNICAL DATA & PRICES

Filter housing size	Pipe size DN	Max. oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions					Mass kg	Filter element type	PG/3	
			Nm ³ /h	scfm	A mm	B mm	C mm	D mm	E mm			Gross Price (for filter housing only) EUR	
BF 0240	80	16/232	1.680	989	1.145	450	1640	219	157	71	1 x 76090	3.081,24	
BF 0300	100	16/232	3.150	1.853	1.330	560	1780	324	208	110	2 x 76090	5.579,34	
BF 0450	125	16/232	4.700	2.765	1.330	560	1780	324	206	115	3 x 76090	6.721,70	
BF 0600	150	16/232	6.300	3.706	1.360	620	1780	368	241	154	4 x 76090	7.121,87	
BF 0900	150	16/232	9.400	5.530	1.420	680	1810	405	261	195	6 x 76090	10.184,58	
BF 1200	200	16/232	12.550	7.382	1.850	792	525	508	-	340	8 x 76090	12.528,85	
BF 1500	200	16/232	15.700	9.235	1.890	918	545	610	-	497	10 x 76090	14.657,92	
BF 1800	250	16/232	18.850	11.088	1.920	955	555	610	-	367	12 x 76090	17.553,61	
BF 2500	250	16/232	25.100	14.765	2.030	1.042	685	711	-	643	16 x 76090	21.225,63	
BF 3000	300	16/232	31.400	18.481	2.130	1.085	680	711	-	656	20 x 76090	26.222,00	

Remarks:

- Prices are for filter housings and manometer MDA 60 only.
- B filter element can be cleaned with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.
- Filter elements "A", should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

FILTER ELEMENTS			PG/4					
			B	P	XR	XM	XS	A
			prefilter	prefilter	prefilter	microfilter	finerfilter	activated carbon
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres
								activated carbon
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price		Gross price			
			EUR		EUR			
76090	1.680	All sizes	370,53		278,99			

CONDENSATE DRAINS		PG/6							
	1/2"								
		Drain valve	AOK 13PA	AOK 20B	TD 16M	EMD 12	EMD 25	EMD 75	EMD 150
Gross Price [EUR]		160,15	36,11	50,23	95,37	156,38	193,10	228,84	283,80

* You can find other variations of condensate drains from page 54 on.

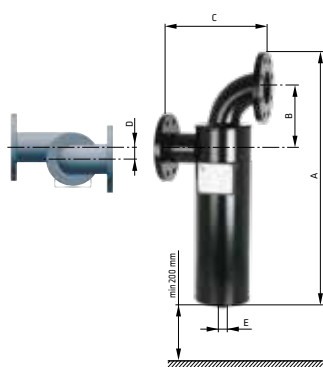
DIFFERENTIAL PRESSURE INDICATOR		PG/6
		MDA 60
Gross Price [EUR]		64,37

ACCESSORIES		PG/6	
	Vent for AOK 20B		Vent for AOK 13PA
		Nipple	Nipple PA
Gross Price [EUR]		21,68	16,06

CS/CS SS

WELDED CONDENSATE SEPARATORS

operating pressure CS / CS SS

16/13 bar


TECHNICAL DATA & PRICES											PG/3					
Filter model	Gross price	Filter model	Gross price	Pipe size	Max. oper. pressure		Flow rate at 7 bar(g), 20 °C		Temperature oper. range		Dimensions					Mass
					CS	CS SS	Nm ³ /h	SCFM	°C	°F	A	B	C	D	E	
carbon steel	EUR	stainless steel	EUR	DN	bar/psi	bar/psi					mm	mm	mm	mm	"	kg
CS 14	1.517,53	CS SS 14	2.494,01	65	16/232	13/189	840	495	1,5 - 65	35 - 149	613	153	302	45	1/2	21
CS 28	1.576,90	CS SS 28	2.665,55	80	16/232	13/189	1.710	1.005	1,5 - 65	35 - 149	745	182	302	35	1/2	26
CS 62	2.045,36	CS SS 62	3.932,35	125	16/232	13/189	3.720	2.190	1,5 - 65	35 - 149	1.041	280	390	43	1/2	58
CS 88	2.612,77	CS SS 88	5.482,85	150	16/232	13/189	5.280	3.110	1,5 - 65	35 - 149	1.298	330	489	50	1/2	87
CS 124	3.345,13	CS SS 124	7.561,20	200	16/232	13/189	7.440	4.380	1,5 - 65	35 - 149	1.506	436	619	52	1/2	147
CS 238	6.861,81	CS SS 238	17.141,33	300	16/232	13/189	14.280	8.404	1,5 - 65	35 - 149	1.680	509	805	89	1/2	314

Remark:

- Used material for CS SS is 1.4301.
- On request for CS SS is possible 1.4404.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

CONDENSATE DRAINS									
PG/6	AOK 13PA	AOK 20B	TD 16M	TD 16Mcr	EMD 12	EMD 25	EMD 75	EMD 150	AOK 20SS
Gross Price [EUR]	36,11	50,23	95,37	183,76	156,38	193,10	228,84	283,80	852,02

* You can find other variations of condensate drains from page 54 on.

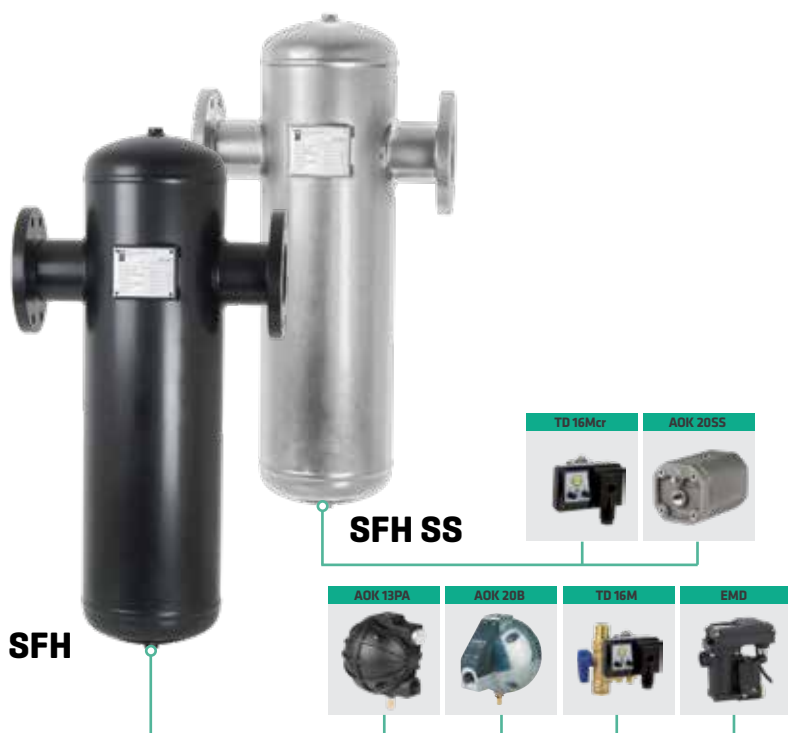
ACCESSORIES				
PG/6	1/2"	Vent for AOK 20B	Vent for AOK 50SS	Vent for AOK 13PA
Gross Price [EUR]	Nipple M	Nipple	Nipple 50SS	Nipple PA
	21,83	21,68	95,05	16,06

SFH/SFH SS

WELDED CONDENSATE SEPARATORS

operating pressure SFH / SFH SS

16/13 bar



TECHNICAL DATA & PRICES											PG/3					
Filter model	Gross price	Filter model	Gross price	Pipe size	Max.oper. pressure		Flow rate at 7 bar(g), 20 °C		Temperature oper. range		Dimensions					Mass
carbon steel	EUR	stainless steel	EUR	DN	SFH bar/psi	SFH SS bar/psi	Nm ³ /h	SCFM	°C	°F	A mm	B mm	C mm	D mm	E "	kg
SFH 029	1.682,47	SFH SS 029	2.883,28	80	16/232	13/189	1.760	1.024	1,5 - 65	35 - 149	720	400	165	219	1/2	34
SFH 037	2.012,36	SFH SS 037	3.589,26	100	16/232	13/189	2.200	1.307	1,5 - 65	35 - 149	890	460	236	244	1/2	43
SFH 066	2.368,64	SFH SS 066	4.519,56	125	16/232	13/189	3.940	2.331	1,5 - 65	35 - 149	980	550	250	273	1	55
SFH 088	2.744,72	SFH SS 088	5.410,27	150	16/232	13/189	5.300	3.108	1,5 - 65	35 - 149	1.040	570	250	300	1	77
SFH 097	3.417,71	SFH SS 097	7.237,90	200	16/232	13/189	5.820	3.426	1,5 - 65	35 - 149	1.110	690	265	350	1	94
SFH 142	5.872,14	SFH SS 142	13.789,61	250	16/232	13/189	8.520	5.015	1,5 - 65	35 - 149	1.330	800	360	480	1	195
SFH 180	7.092,74	SFH SS 180	16.851,02	300	16/232	13/189	10.770	6.357	1,5 - 65	35 - 149	1.470	820	408	550	1	250
SFH 209	9.171,08	SFH SS 209	22.274,50	350	16/232	13/189	12.550	7.381	1,5 - 65	35 - 149	1.670	920	471	622	1	367

Remark:

- Used material for SFH SS is 1.4301.
- On request for SFH SS is possible 1.4404.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

CONDENSATE DRAINS	PG/6								
Gross Price [EUR]	36,11	50,23	95,37	183,77	156,37	193,09	228,84	283,80	852,02

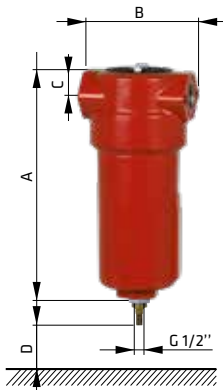
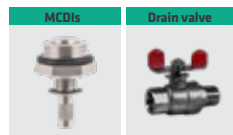
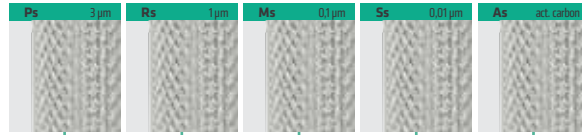
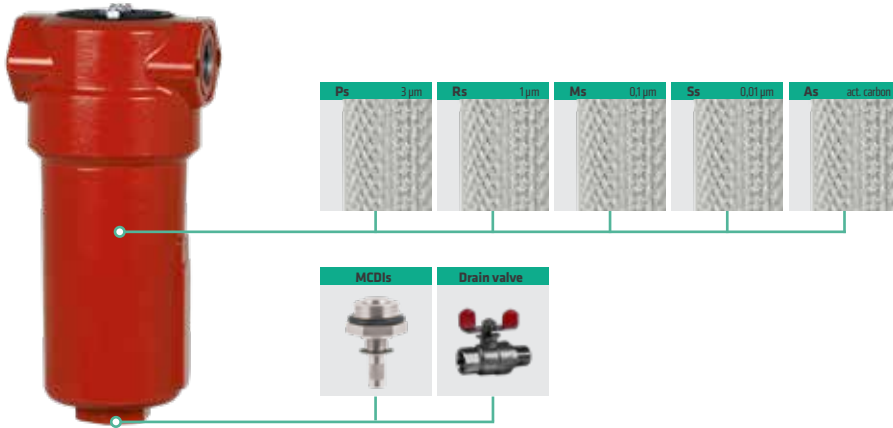
* You can find other variations of condensate drains from page 54 on.

ACCESSORIES	PG/6			
Gross Price [EUR]	21,83	21,68	95,05	16,06

AAFs

SILICONE FREE COMPRESSED AIR FILTERS

operating pressure



16 bar





TECHNICAL DATA & PRICES											PG/1
Filter housing size	Pipe size	Max.oper. pressure	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass	Filter element type	Gross Price (for filter housing only)
			Nm ³ /h	scfm	A	B	C	D			
AAFs 0006	1/8	16/232	10	6	105	55	14	50	0,23	3528	74,14
AAFs 0016	1/4	16/232	18	11	125	55	14	70	0,24	5528	76,44
AAFs 0026	1/4	16/232	25	15	145	73	18	50	0,42	3844	78,81
AAFs 0036	3/8	16/232	30	18	145	73	18	50	0,42	3844	81,23
AAFs 0046	1/4	16/232	35	22	189	88	32	60	0,72	6050	83,76
AAFs 0056	3/8	16/232	60	35	189	88	32	60	0,71	6050	86,35
AAFs 0076	1/2	16/232	78	46	189	88	32	80	0,7	7050	96,01
AAFs 0106	3/4	16/232	120	70	257	88	32	150	0,8	14050	112,79
AAFs 0186	1	16/232	198	116	261	125	37	160	1,9	12075	161,58
AAFs 0306	1	16/232	335	197	361	125	37	250	2,4	22075	176,07
AAFs 0476	1 1/2	16/232	510	300	461	125	37	350	2,6	32075	210,72
AAFs 0706	1 1/2	16/232	780	459	641	125	37	530	3,5	50075	248,17
AAFs 0946	2	16/232	1.000	588	698	164	49	520	6,1	51090	428,71
AAFs 1506	2	16/232	1.500	882	944	164	49	770	8	76090	521,80
AAFs 1756	2 1/2	16/232	1.680	990	944	164	49	770	7,6	76090	875,52
AAFs 2006	3	16/232	2.160	1.270	802	242	60	630	14,1	51140	1.074,76
AAFs 2406	3	16/232	2.760	1.620	999	242	60	770	16,1	75140	1.316,28

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

FILTER ELEMENTS							
PG/2			Ps prefilter	Rs prefilter	Ms microfilter	Ss finefilter	As activated carbon
			acrylic fibers, cellulose	borosilicate micro fibres			borosil. micro fibres activated carbon
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price				
			EUR				
3528	10	AAFs 0006	28,69				
5528	18	AAFs 0016	29,25				
3844	25	AAFs 0026	29,60				
3844	30	AAFs 0036	29,60				
6050	35	AAFs 0046	30,60				
6050	60	AAFs 0056	30,60				
7050	78	AAFs 0076	37,87				
14050	120	AAFs 0106	48,73				
12075	198	AAFs 0186	61,35				
22075	335	AAFs 0306	86,61				
32075	510	AAFs 0476	104,71				
50075	780	AAFs 0706	133,66				
51090	1.000	AAFs 0946	191,43				
76090	1.500	AAFs 1506	233,16				
76090	1.680	AAFs 1756	233,16				
51140	2.160	AAFs 2006	296,15				
75140	2.760	AAFs 2406	342,68				

CONDENSATE DRAIN		
PG/6	MCDIs	Drain valve
Gross Price [EUR]	38,60	165,27

ACCESSORIES	AAFs 0006 - 0016	AAFs 0026 - 0036	AAFs 0046 - 0106	AAFs 0186 - 0706
				
PG/6	WK AAF 1S	WK AAF 1M	WK AAF 1L	WK AAF 1XL
Gross Price [EUR]	33,83	53,22	73,77	83,21

AAF HT

ALUMINIUM HIGH TEMPERATURE COMPRESSED AIR FILTERS

operating pressure

10 (13) bar

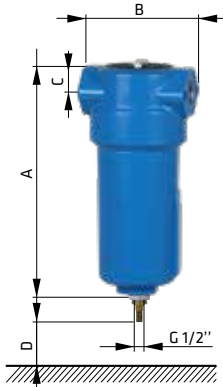

TECHNICAL DATA & PRICES											PG/1
Filter housing size	Pipe size	Max.oper. pressure	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass	Filter element type	Gross Price (for filter housing only)
			Nm ³ /h	scfm	A	B	C	D			
AAF HT 0006	1/8	10/145	10	6	105	55	14	50	0,23	3528	55,09
AAF HT 0016	1/4	10/145	18	11	125	55	14	70	0,24	5528	57,82
AAF HT 0026	1/4	10/145	25	15	145	73	18	50	0,42	3844	60,16
AAF HT 0036	3/8	10/145	30	18	145	73	18	50	0,42	3844	62,01
AAF HT 0046	1/4	10/145	35	22	189	88	32	60	0,72	6050	64,65
AAF HT 0056	3/8	10/145	60	35	189	88	32	60	0,71	6050	66,94
AAF HT 0076	1/2	10/145	78	46	189	88	32	80	0,7	7050	75,27
AAF HT 0106	3/4	10/145	120	70	257	88	32	150	0,8	14050	88,71
AAF HT 0186	1	10/145	198	116	261	125	37	160	1,9	12075	127,16
AAF HT 0306	1	10/145	335	197	361	125	37	250	2,4	22075	138,84
AAF HT 0476	1 1/2	10/145	510	300	461	125	37	350	2,6	32075	163,99
AAF HT 0706	1 1/2	10/145	780	459	641	125	37	530	3,5	50075	195,72
AAF HT 0946	2	10/145	1.000	588	698	164	49	520	6,1	51090	336,30
AAF HT 1506	2	10/145	1.500	882	944	164	49	770	8	76090	408,21
AAF HT 1756	2 1/2	10/145	1.680	990	944	164	49	770	7,6	76090	691,03
AAF HT 2006	3	10/145	2.160	1.270	802	242	60	630	14,1	51140	833,23
AAF HT 2406	3	10/145	2.760	1.620	999	242	60	770	16,1	75140	1.029,08




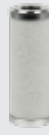
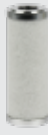
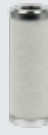

Remarks:



- Operating temperature: 1,5 - 120 °C
- Operating pressure:
 - 120 °C 0 - 10 bar(g)
 - 85 °C up to 13 bar(g)




















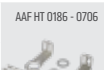

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75



FILTER ELEMENTS									
PG/2			BHT prefilter	N25HT prefilter	N5HT prefilter	XRHT prefilter	XMHT microfilter	XSHT finefilter	CKLHT separator
			sintered brass	stainless steel mesh 1.4301		borosilicate micro fibres			stainless steel
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price	Gross price		Gross price		Gross price	
			EUR	EUR		EUR		EUR	
3528	10	AAF HT 0006	/	87,36		54,43		54,43	
5528	18	AAF HT 0016	/	91,26		55,93		55,93	
3844	25	AAF HT 0026	/	94,76		57,08		57,08	
3844	30	AAF HT 0036	/	94,76		57,08		57,08	
6050	35	AAF HT 0046	77,99	99,38		59,95		/	
6050	60	AAF HT 0056	77,99	99,38		59,95		/	
7050	78	AAF HT 0076	84,33	109,57		64,56		64,56	
14050	120	AAF HT 0106	96,90	126,01		74,51		74,51	
12075	198	AAF HT 0186	110,95	144,16		85,33		85,33	
22075	335	AAF HT 0306	131,22	170,59		103,86		/	
32075	510	AAF HT 0476	152,15	202,62		111,33		111,33	
50075	780	AAF HT 0706	216,16	272,65		150,07		/	
51090	1.000	AAF HT 0946	283,80	351,38		192,92		192,92	
76090	1.500	AAF HT 1506	373,15	416,43		228,86		228,86	
76090	1.680	AAF HT 1756	373,15	416,43		228,86		/	
51140	2.160	AAF HT 2006	513,24	599,90		329,61		329,61	
75140	2.760	AAF HT 2406	784,94	618,81		335,83		/	

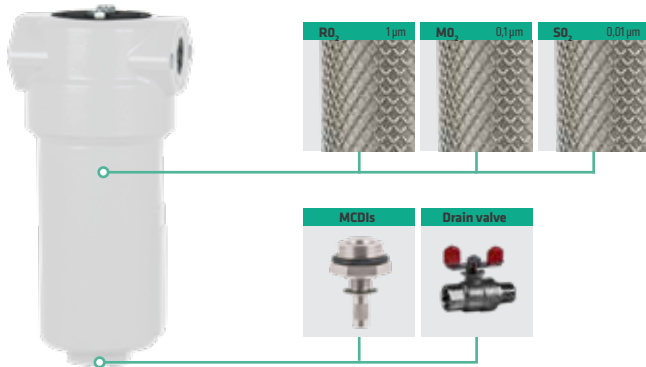
CONDENSATE DRAINS		
PG/6	MCDi	AOK 20BHT
Gross Price [EUR]	31,27	97,65

ACCESSORIES	PG/6									
										
Gross Price [EUR]	22,27	26,00	26,61	32,46	33,47	35,20	39,69	44,03	33,83	36,95
										
	40,05	53,22	56,85	60,44	73,77	79,22	82,96	83,21	87,56	91,92
										
	Nipple SS									
	95,05									

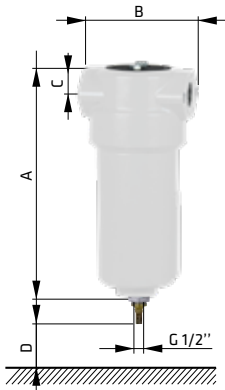
AAF O₂

ALUMINIUM COMPRESSED GAS FILTERS FOR OXYGEN

operating pressure




16 bar



TECHNICAL DATA & PRICES											PG/1
Filter housing size	Pipe size	Max. oper. pressure	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass	Filter element type	Gross Price (for filter housing only)
			Nm ³ /h	scfm	A mm	B mm	C mm	D mm			
AAF O2 0006	1/8	16/232	10	6	105	55	14	50	0,23	3528	74,14
AAF O2 0016	1/4	16/232	18	11	125	55	14	70	0,24	5528	76,44
AAF O2 0026	1/4	16/232	25	15	145	73	18	50	0,42	3844	78,81
AAF O2 0036	3/8	16/232	30	18	145	73	18	50	0,42	3844	81,23
AAF O2 0046	1/4	16/232	35	22	189	88	32	60	0,72	6050	83,76
AAF O2 0056	3/8	16/232	60	35	189	88	32	60	0,71	06050	86,35
AAF O2 0076	1/2	16/232	78	46	189	88	32	80	0,7	07050	96,01
AAF O2 0106	3/4	16/232	120	70	257	88	32	150	0,8	14050	112,79
AAF O2 0186	1	16/232	198	116	261	125	37	160	1,9	12075	161,58
AAF O2 0306	1	16/232	335	197	361	125	37	250	2,4	22075	176,07
AAF O2 0476	1 1/2	16/232	510	300	461	125	37	350	2,6	32075	210,73
AAF O2 0706	1 1/2	16/232	780	459	641	125	37	530	3,5	50075	248,17
AAF O2 0946	2	16/232	1.000	588	698	164	49	520	6,1	51090	428,71
AAF O2 1506	2	16/232	1.500	882	944	164	49	770	8	76090	521,80
AAF O2 1756	2 1/2	16/232	1.680	990	944	164	49	770	7,6	76090	875,52
AAF O2 2006	3	16/232	2.160	1.270	802	242	60	630	14,1	51140	1.074,76
AAF O2 2406	3	16/232	2.760	1.620	999	242	60	770	16,1	75140	1.316,28







CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

FILTER ELEMENTS		PG/2		
				
		1 µm	0,1 µm	0,01 µm
		RO₂ prefilter	MO₂ microfilter	SO₂ finefilter
borosilicate micro fibres				
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price	
			EUR	
3528	10	AAF O ₂ 0006	63,69	
5528	18	AAF O ₂ 0016	65,44	
3844	25	AAF O ₂ 0026	66,79	
3844	30	AAF O ₂ 0036	66,79	
6050	35	AAF O ₂ 0046	70,15	
6050	60	AAF O ₂ 0056	70,15	
7050	78	AAF O ₂ 0076	75,54	
14050	120	AAF O ₂ 0106	87,18	
12075	198	AAF O ₂ 0186	99,83	
22075	335	AAF O ₂ 0306	121,52	
32075	510	AAF O ₂ 0476	130,26	
50075	780	AAF O ₂ 0706	175,59	
51090	1.000	AAF O ₂ 0946	225,72	
76090	1.500	AAF O ₂ 1506	267,78	
76090	1.680	AAF O ₂ 1756	267,78	
51140	2.160	AAF O ₂ 2006	385,65	
75140	2.760	AAF O ₂ 2406	392,91	

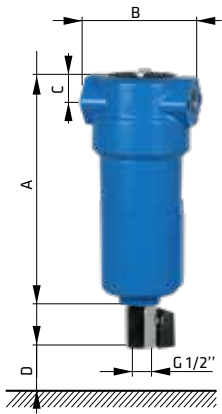
CONDENSATE DRAIN		PG/6	
			1/2"
	MCDIs	Drain valve	
Gross Price [EUR]	38,60	165,27	

ACCESSORIES		AAF O ₂ 0006 - 0016	AAF O ₂ 0026 - 0036	AAF O ₂ 0046 - 0106	AAF O ₂ 0186 - 0706
					
	WK AAF 1S	WK AAF 1M	WK AAF 1L	WK AAF 1XL	
Gross Price [EUR]	33,83	53,22	73,77	83,21	

P-VAC

VACUUM PUMP PROTECTION FILTERS

operating pressure

20 to 2.000 mbar (abs)

TECHNICAL DATA & PRICES



Filter housing size	Pipe size inch	Free air capacity at atmospheric pressure		Dimensions				Mass kg	Filter element type	PG/1 Gross Price (for filter housing and valve) EUR
		Nm ³ /h	scfm	A mm	B mm	C mm	D mm			
P-VAC 0006	1/8	1,25	0,74	105	55	14	40	0,23	3528	86,39
P-VAC 0016*	1/4	2,25	1,33	125	55	14	60	0,24	5528	88,17
P-VAC 0026	1/4	3,1	1,8	145	73	18	40	0,42	3844	89,91
P-VAC 0036	3/8	3,75	2,2	145	73	18	40	0,42	3844	91,70
P-VAC 0046	1/4	4,4	2,6	189	88	32	60	0,72	6050	93,54
P-VAC 0056	3/8	7,5	4,4	189	88	32	60	0,71	06050	95,37
P-VAC 0076	1/2	9,8	5,7	189	88	32	60	0,7	07050	101,15
P-VAC 0106	3/4	15	8,8	257	88	32	150	0,8	14050	109,11
P-VAC 0186	1	24,8	14,6	261	125	37	160	1,9	12075	164,00
P-VAC 0306	1	41,9	24,7	361	125	37	250	2,4	22075	176,76
P-VAC 0476	1 1/2	63,8	37,6	461	125	37	350	2,6	32075	204,49
P-VAC 0706	1 1/2	97,5	57,4	641	125	37	530	3,5	50075	249,77
P-VAC 0946	2	125	73,6	698	164	49	520	6,1	51090	405,53
P-VAC 1506	2	187	110,4	944	164	49	770	8	76090	556,08
P-VAC 1756	2 1/2	210	123,6	944	164	49	770	7,6	76090	783,76
P-VAC 2006	3	270	158,9	802	242	60	630	14,1	51140	933,06
P-VAC 2406	3	345	203	999	242	60	770	16,1	75140	1.023,09













Remarks:

- To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor C_1 .
- To select a filter to match system flow conditions, multiply the system flow by the correction factor C_2 that corresponds to vacuum in the pipe.

CORRECTION FACTORS

Absolute pressure [bar]	1	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0,05	0,02
Absolute pressure [psi]	14,7	13	11,6	10,2	8,7	7,3	5,8	3,3	2,9	1,45	0,73	0,29
Correction factor - C_1	1	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0,05	0,02
Correction factor - C_2	1	1,1	1,25	1,43	1,67	2	2,5	3,33	5	10	20	50

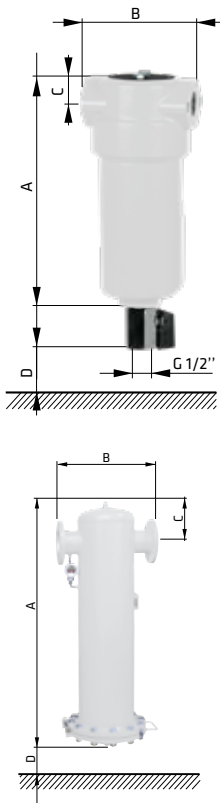
FILTER ELEMENTS		 3 µm		 0,1 µm	
PG/2		VACP prefilter		VACM microfilter	
		acrylic fibers, cellulose		borosilicate micro fibres	
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price		
			EUR		
3528	1,25	P-VAC 0006	24,95		
5528	2,25	P-VAC 0016	25,43		
3844	3,13	P-VAC 0026	25,73		
3844	3,75	P-VAC 0036	25,73		
6050	4,37	P-VAC 0046	26,63		
6050	7,5	P-VAC 0056	26,63		
7050	9,8	P-VAC 0076	32,95		
14050	15,0	P-VAC 0106	42,41		
12075	24,8	P-VAC 0186	53,39		
22075	41,9	P-VAC 0306	75,35		
32075	63,8	P-VAC 0476	91,13		
50075	97,5	P-VAC 0706	116,24		
51090	125	P-VAC 0946	166,45		
76090	187	P-VAC 1506	202,70		
76090	210	P-VAC 1756	202,70		
51140	270	P-VAC 2006	257,01		
75140	345	P-VAC 2406	298,49		

ACCESSORIES	PG/6									
	AAAF 0006 - AAAF 0016	AAAF 0026 - AAAF 0036	AAAF 0046 - AAAF 0106	AAAF 0186 - AAAF 0706	AAAF 0006 - AAAF 0016	AAAF 0006 - AAAF 0016	AAAF 0026 - AAAF 0036	AAAF 0026 - AAAF 0036	AAAF 0046 - AAAF 0106	AAAF 0046 - AAAF 0106
										
Gross Price [EUR]	22,22	26,61	33,47	39,69	33,83	36,95	53,22	56,85	73,77	79,22
										
	83,21	87,56								

M-VAC

MEDICAL VACUUM FILTERS

operating pressure

20 to 2.000 mbar (abs)


TECHNICAL DATA & PRICES

PG/1


Filter housing size	Pipe size inch/DN	Free air capacity at atmospheric pressure		Dimensions				Mass kg	Filter element type	Gross Price (for filter housing and valve)
		Nm ³ /h	scfm	A mm	B mm	C mm	D mm			EUR
M-VAC 0006	1/8	1,25	0,74	105	55	14	40	0,23	3528	86,39
M-VAC 0016	1/4	2,25	1,33	125	55	14	60	0,24	5528	88,17
M-VAC 0026	1/4	3,1	1,8	145	73	18	40	0,42	3844	89,91
M-VAC 0036	3/8	3,75	2,2	145	73	18	40	0,42	3844	91,70
M-VAC 0046	1/4	4,4	2,6	189	88	32	60	0,72	6050	93,54
M-VAC 0056	3/8	7,5	4,4	189	88	32	60	0,71	6050	95,37
M-VAC 0076	1/2	9,8	5,7	189	88	32	60	0,7	7050	101,15
M-VAC 0106	3/4	15	8,8	257	88	32	150	0,8	14050	109,11
M-VAC 0186	1	24,8	14,6	261	125	37	160	1,9	12075	164,00
M-VAC 0306	1	41,9	24,7	361	125	37	250	2,4	22075	176,76
M-VAC 0476	1 1/2	63,8	37,6	461	125	37	350	2,6	32075	204,49
M-VAC 0706	1 1/2	97,5	57,4	641	125	37	530	3,5	50075	249,77
M-VAC 0946	2	125	73,6	698	164	49	520	6,1	51090	405,53
M-VAC 1506	2	187	110,4	944	164	49	770	8	76090	556,08
M-VAC 1756	2 1/2	210	123,6	944	164	49	770	7,6	76090	783,76
M-VAC 2006	3	270	158,9	802	242	60	630	14,1	51140	933,07
M-VAC 2406	3	345	203	999	242	60	770	16,1	75140	1.023,09
M-VAC B240	DN80	275	162	1170	450	157	650	61	1x 76090	3.691,67
M-VAC B300	DN100	394	232	1340	560	208	650	115	2x 76090	6.697,13
M-VAC B450	DN125	587	345	1340	560	206	650	123	3x 76090	8.055,77
M-VAC B600	DN150	787	463	1425	620	241	650	178	4x 76090	8.545,69

Remarks:

- To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor C_1 .
- To select a filter to match system flow conditions, multiply the system flow by the correction factor C_2 that corresponds to vacuum in the pipe.

CORRECTION FACTORS

Absolute pressure [bar]	1	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0,05	0,02
Absolute pressure [psi]	14,7	13	11,6	10,2	8,7	7,3	5,8	3,3	2,9	1,45	0,73	0,29
Correction factor - C_1	1	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0,05	0,02
Correction factor - C_2	1	1,1	1,25	1,43	1,67	2	2,5	3,33	5	10	20	50

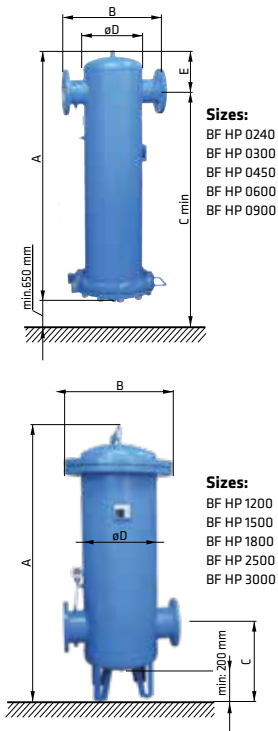
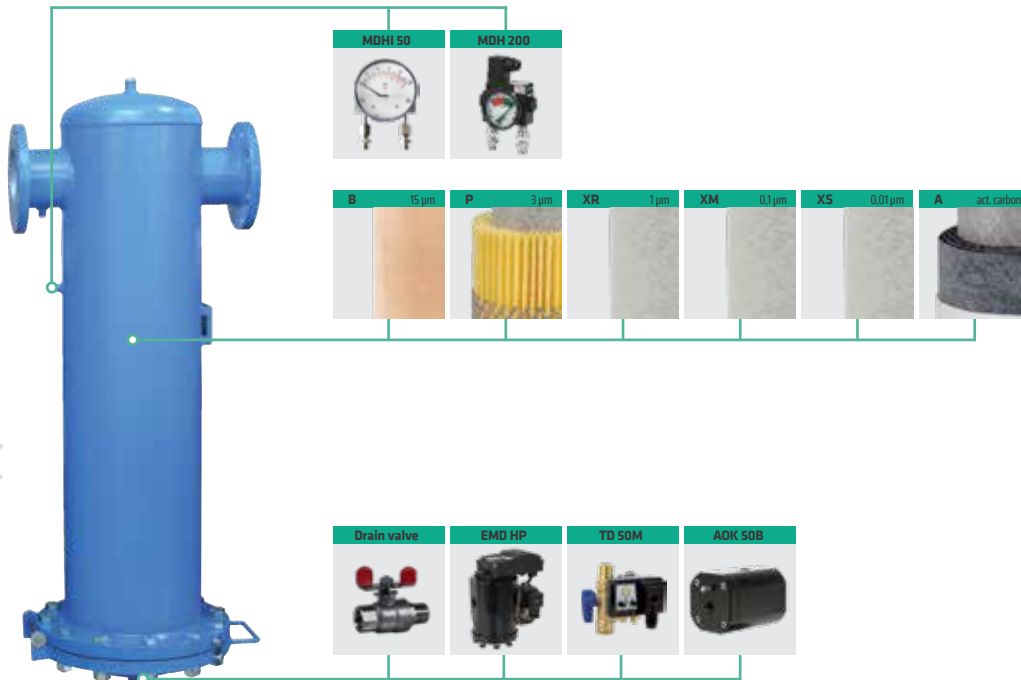
FILTER ELEMENTS			 VAC microfilter borosilicate micro fibers
Filter element type	Flow rate Nm ³ /h	Corresponding housing	
			Gross price EUR
3528	1,25	M-VAC 0006	24,95
5528	2,25	M-VAC 0016	25,43
3844	3,13	M-VAC 0026	25,73
3844	3,75	M-VAC 0036	25,73
6050	4,37	M-VAC 0046	26,63
6050	7,5	M-VAC 0056	26,63
7050	9,8	M-VAC 0076	32,95
14050	15	M-VAC 0106	42,41
12075	24,8	M-VAC 0186	53,39
22075	41,9	M-VAC 0306	75,35
32075	63,8	M-VAC 0476	91,13
50075	97,5	M-VAC 0706	116,24
51090	125	M-VAC 0946	166,45
76090	188	M-VAC 1506	202,70
76090	210	M-VAC 1756	202,70
51140	270	M-VAC 2006	257,60
75140	345	M-VAC 2406	298,49
1x 76090	275	M-VAC B240	278,99
2x 76090	394	M-VAC B300	557,99
3x 76090	587	M-VAC B450	836,99
4x 76090	787	M-VAC B600	1.115,99

ACCESSORIES	mVAC 0056-mVAC 0706 Flask only		mVAC 0946-mVAC 2406 Flask only		mVAC B240-mVAC B600 Flask only		mVAC 0056-mVAC 0706		mVAC 0946-mVAC 2406		mVAC B240-mVAC B600		AAF 0006 - AAF 0016		AAF 0026 - AAF 0036		AAF 0046 - AAF 0106		AAF 0186 - AAF 0706	
	DGFSK 10 (100 ml)	DGFSK 25 (250 ml)	DGFSK 50 (500 ml)	KIT 10 (100 ml)	KIT 25 (250 ml)	KIT 50 (500 ml)	WK AAF 1S	WK AAF 1M	WK AAF 1L	WK AAF 1XL										
Gross Price [EUR]	21,26	23,73	27,32	55,74	60,09	65,99	33,83	53,22	73,77	83,21										

BF HP

HIGH PRESSURE WELDED CARBON STEEL COMPRESSED AIR FILTERS

operating pressure

25 bar


TECHNICAL DATA & PRICES

PG/3

Filter housing size	Pipe size DN	Max.oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions					Mass kg	Filter element type	Gross Price (for filter housing only) EUR
			Nm ³ /h	scfm	A mm	B mm	C mm	D mm	E mm			
BF HP 0240	80	25/363	1.680	989	1.170	450	1660	219	166	71	1 x 76090	5.137,03
BF HP 0300	100	25/363	3.150	1.853	1.330	560	1780	324	208	110	2 x 76090	10.647,18
BF HP 0450	125	25/363	4.700	2.765	1.330	560	1780	324	206	115	3 x 76090	11.020,34
BF HP 0600	150	25/363	6.300	3.706	1.360	620	1780	368	241	154	4 x 76090	13.731,88
BF HP 0900	150	25/363	9.400	5.530	1.420	680	1810	405	261	195	6 x 76090	16.294,18
BF HP 1200	200	25/363	12.550	7.382	1.850	792	525	508	-	340	8 x 76090	21.735,94
BF HP 1500	200	25/363	15.700	9.235	1.890	918	545	610	-	497	10 x 76090	25.361,70
BF HP 1800	250	25/363	18.850	11.088	1.920	955	555	610	-	367	12 x 76090	30.144,22
BF HP 2500	250	25/363	25.100	14.765	2.030	1.042	685	711	-	643	16 x 76090	33.210,26
BF HP 3000	300	25/363	31.400	18.481	2.130	1.085	680	711	-	656	20 x 76090	39.864,75

Remarks:

- 1) Prices are for filter housings only.
- 2) "B" filter element can be cleared with ultrasonic bath or with back flushing. Intervals of cleaning depends of application. If necessary replace filter element with new one.
- 3) Filter elements "A" must be changed periodically to suit application, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.
- 4) Valid if "S" filter cartridge is installed upstream.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	12	14	15	18	20	22	25
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	174	203	218	261	290	319	363
Correction factor	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,63	1,88	2,00	2,37	2,63	2,89	3,25

FILTER ELEMENTS			PG/4					
			15 µm	3 µm	1 µm	0.1 µm	0.01 µm	
			B	P	XR	XM	XS	A
			prefilter	prefilter	prefilter	microfilter	finefilter	activated carbon
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price		Gross price			
			EUR		EUR			
76090	1.680	All sizes	370,53		278,99			

CONDENSATE DRAINS				
PG/6				
	Drain valve	TD 50M	EMD HP	AOK 50B
Gross Price [EUR]	165,27	178,13	1.100,50	710,69

* You can find other variations of condensate drains from page 54 on.

DIFFERENTIAL PRESSURE INDICATOR			
PG/6			
	MDHI 50	MDH 200	MDH 200C
Gross Price [EUR]	679,31	609,47	740,08

ACCESSORIES		
PG/6		
	Nipple HP	Nipple 50SS
Gross Price [EUR]	21,89	89,05

SFH HP

WELDED HIGH PRESSURE CONDENSATE SEPARATORS

operating pressure

25 bar

SFH HP



TECHNICAL DATA & PRICES

PG/3

Filter model	Pipe size DN	Max. oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Temperature oper. range		Dimensions					Mass kg	Gross Price EUR
			Nm ³ /h	SCFM	°C	°F	A mm	B mm	C mm	D mm	E "		
SFH HP 029	80	25/363	1.760	1.024	1,5 - 65	35 - 149	720	400	165	219	1/2	41	4.564,62
SFH HP 037	100	25/363	2.200	1.307	1,5 - 65	35 - 149	890	460	236	244	1/2	52	5.200,20
SFH HP 066	125	25/363	3.940	2.331	1,5 - 65	35 - 149	980	550	250	273	1	66	6.818,04
SFH HP 088	150	25/363	5.300	3.108	1,5 - 65	35 - 149	1.040	570	250	300	1	92	7.930,00
SFH HP 097	200	25/363	5.820	3.426	1,5 - 65	35 - 149	1.110	690	265	350	1	113	9.545,26
SFH HP 142	250	25/363	8.520	5.015	1,5 - 65	35 - 149	1.330	800	360	480	1	234	11.290,21
SFH HP 180	300	25/363	10.770	6.357	1,5 - 65	35 - 149	1.470	820	408	550	1	300	12.983,17
SFH HP 209	350	25/363	12.550	7.381	1,5 - 65	35 - 149	1.670	920	471	622	1	440	15.253,92

Remark: 50 bara on request.

CONDENSATE DRAIN

PG/6



TD 50M

EMD HP

AOK 50B

Gross Price [EUR]

178,13**1.100,51****710,69**

ACCESSORIES

PG/6



Nipple HP

Nipple

Gross Price [EUR]

23,89**95,05**

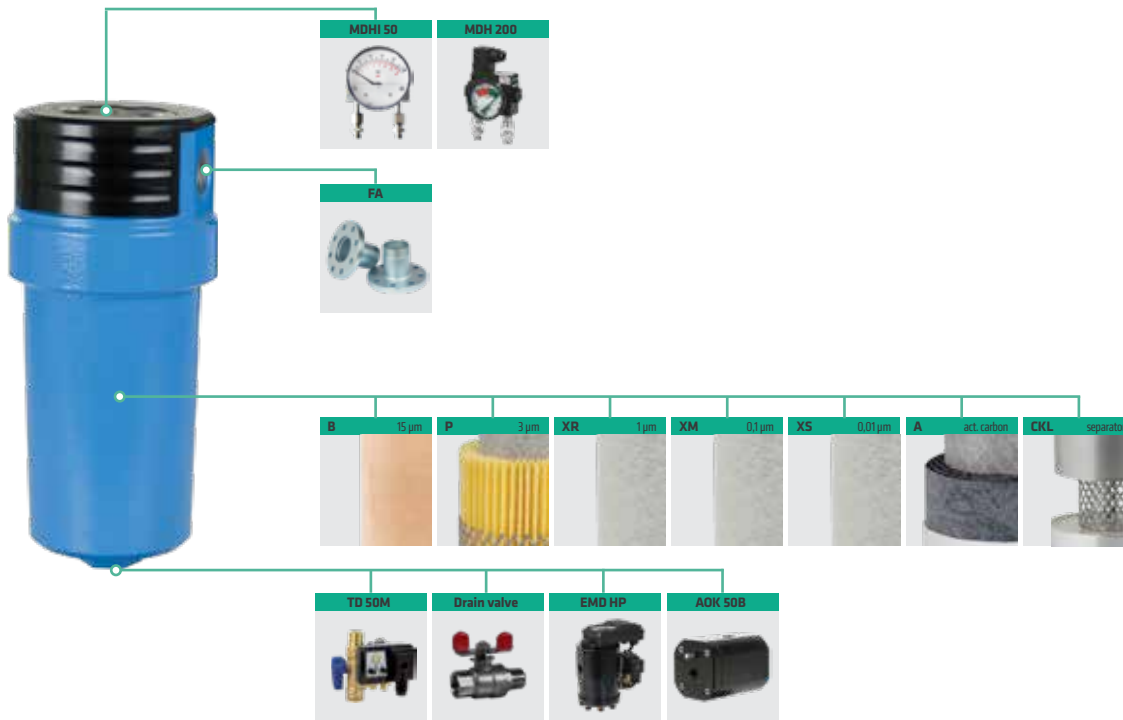
CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	12	14	15	18	20	22	25
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	174	203	218	261	290	319	363
Correction factor	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,63	1,88	2,00	2,37	2,63	2,89	3,25

HF

CAST ALUMINIUM HIGH PRESSURE FILTERS

operating pressure

50 bar


TECHNICAL DATA & PRICES








Filter housing size	Pipe size inch	Max. oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	PG/S			
					Flow rate at 7 bar(g), 20 °C		A	B			C	D	Gross Price (for filter housing only)	Gross Price (filter housing with flange)
					Nm ³ /h	scfm	mm	mm			mm	mm	EUR	EUR
HF 007	1/2	50/725	71	42	250	110	30	80	2,1	6060	267,61	623,60		
HF 010	3/4	50/725	112	66	250	110	30	90	2,1	7060	329,37	781,75		
HF 018	1	50/725	204	120	250	110	30	140	2,1	12060	375,81	894,37		
HF 047	1 1/2	50/725	282	166	535	160	45	260	9,5	22090	583,26	1.323,20		
HF 070	1 1/2	50/725	400	235	535	160	45	360	9,5	32090	636,85	1.376,81		
HF 094	2	50/725	494	291	715	160	45	540	12,2	50090	754,80	1.887,93		
HF 150	2	50/725	799	470	715	160	45	550	12,2	51090	849,78	1.982,90		
HF 200	3	50/725	2.160	1.270	772	198	70	620	30,4	51140	2.085,60	/		
HF 240	3	50/725	2.760	1.620	1.010	198	70	780	34,9	75140	2.261,64	/		





Remarks:



- B filter element can be cleaned with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.
- Filter elements "A", should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

CORRECTION FACTORS

Operating pressure [bar]	3	5	7	10	13	16	20	30	40	50
Operating pressure [psi]	44	72	100	145	189	232	290	435	580	725
Correction factor	0,50	0,75	1	1,38	1,75	2,13	2,63	3,88	5,13	6,38

FILTER ELEMENTS PG/5			 15 µm	 3 µm	 1 µm	 0,1 µm	 0,01 µm		
			B prefilter	P prefilter	XR prefilter	XM microfilter	XS finefilter	A activated carbon	CKL separator
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon	stainless steel, PA
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price		Gross price				
			EUR	EUR	EUR	EUR	EUR	EUR	
6060	71	HF 007	98,13			89,21			89,21
7060	112	HF 010	120,77			109,79			109,79
12060	204	HF 018	135,87			123,51			123,51
22090	282	HF 047	166,07			150,97			150,97
32090	400	HF 070	203,79			185,27			185,27
50090	494	HF 094	233,99			212,73			212,73
51090	799	HF 150	256,63			233,29			233,29
51140	2160	HF 200	390,07			306,42			306,42
75140	2760	HF 240	526,24			425,57			425,57

CONDENSATE DRAINS PG/6					
Gross Price [EUR]		178,13	165,27	1.100,51	710,69

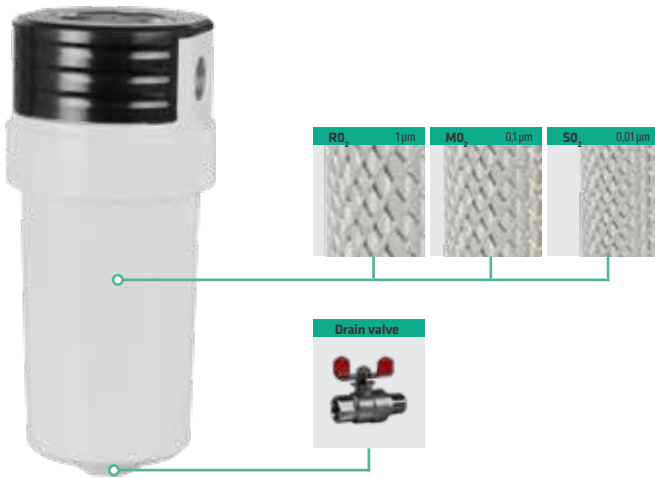
DIFFERENTIAL PRESSURE INDICATOR PG/6			
Gross Price [EUR]		679,31	609,47

ACCESSORIES PG/6			
Gross Price [EUR]		23,89	95,05

HF O₂

CAST ALUMINIUM HIGH PRESSURE FILTERS FOR OXYGEN

operating pressure

50 bar


TECHNICAL DATA & PRICES

PG/5

Filter housing size	Pipe size inch	Max. oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price (for filter housing only)
			Nm ³ /h	scfm	A mm	B mm	C mm	D mm			EUR
HF O ₂ 007	1/2	50/725	71	42	250	110	30	80	2,4	6060	332,70
HF O ₂ 010	3/4	50/725	112	66	250	110	30	90	2,4	7060	411,19
HF O ₂ 018	1	50/725	204	120	250	110	30	140	2,4	12060	469,76
HF O ₂ 047	1 1/2	50/725	282	166	535	160	45	260	6,1	22090	730,61
HF O ₂ 070	1 1/2	50/725	400	235	535	160	45	360	6,1	32090	795,81
HF O ₂ 094	2	50/725	494	291	715	160	45	540	13,0	50090	941,93
HF O ₂ 150	2	50/725	799	470	715	160	45	550	13,0	51090	1.061,48
HF O ₂ 200	3	50/725	2.160	1.270	772	198	70	620	30,3	51140	2.608,42
HF O ₂ 240	3	50/725	2.760	1.620	1.010	198	70	780	34,7	75140	2.825,78

CORRECTION FACTORS

Operating pressure [bar]	3	5	7	10	13	16	20	30	40	50
Operating pressure [psi]	44	72	100	145	189	232	290	435	580	725
Correction factor	0,50	0,75	1	1,38	1,75	2,13	2,63	3,88	5,13	6,38

FILTER ELEMENTS			1 µm	0,1 µm	0,01 µm
PG/5			RO ₂ prefilter	MO ₂ microfilter	SO ₂ finefilter
			borosilicate micro fibres		
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price		
			EUR		
6060	71	HF O ₂ 007	120,16		
7060	112	HF O ₂ 010	150,96		
12060	204	HF O ₂ 018	167,62		
22090	282	HF O ₂ 047	203,72		
32090	400	HF O ₂ 070	250,09		
50090	494	HF O ₂ 094	287,17		
51090	799	HF O ₂ 150	314,94		
51140	2160	HF O ₂ 200	415,90		
75140	2760	HF O ₂ 240	574,52		

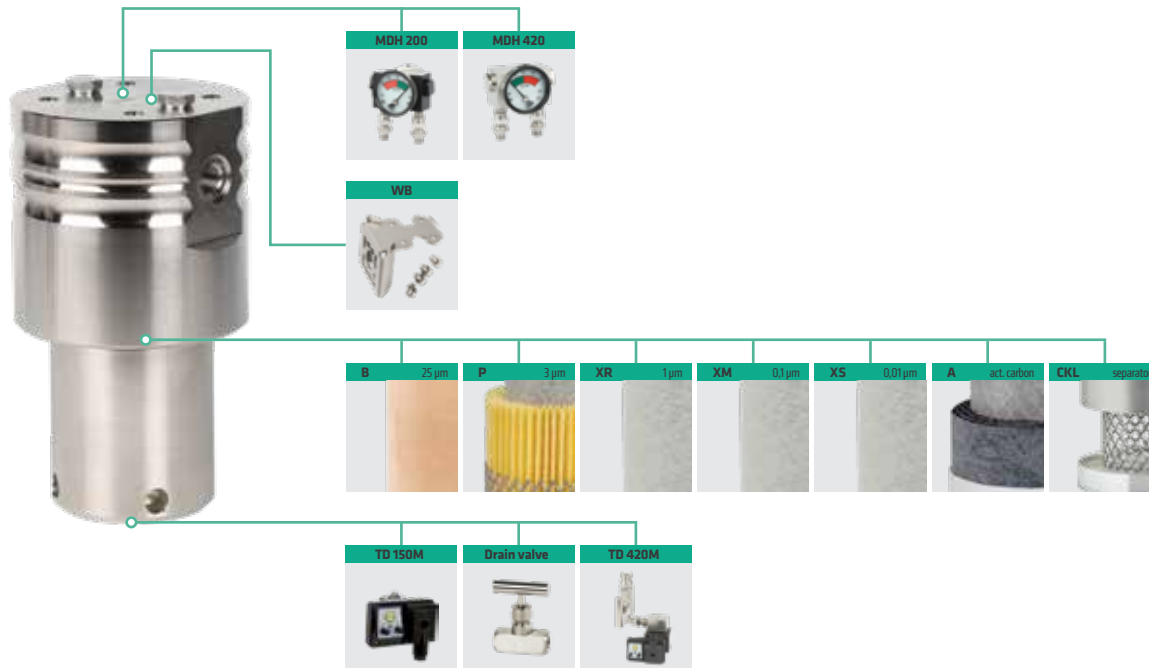
CONDENSATE DRAIN		1/2"
PG/6		Drain valve
Gross Price [EUR]		165,27



CHP

CARBON STEEL HIGH PRESSURE FILTERS

operating pressure

100 / 250 / 420 bar


TECHNICAL DATA & PRICES

PG/5








Filter housing size	Pipe size inch	Max. oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price (for filter housing only)		
					A mm	B mm	C mm	D mm			100 bar	250 bar	420 bar
											EUR	EUR	EUR
CHP 003	1/4	100/250/420	40	23,5	182	98	104	30	7,6	0305	699,90	1.248,85	1.358,64
CHP 005	3/8	100/250/420	70	41,2	182	98	104	30	7,6	0310	699,90	1.248,85	1.358,64
CHP 007	1/2	100/250/420	130	76,5	230	118	129	36	15,3	0420	946,93	1.440,99	1.811,51
CHP 010	3/4	100/250/420	195	115	254	118	129	36	16,1	0520	1.207,69	2.236,96	2.525,15
CHP 018	1	100/250/420	275	162	276	145	158	46	26,5	0525	1.674,28	2.483,97	2.827,07
CHP 030	1 1/4	100/250/420	380	223	328	145	158	46	28,6	0725	1.880,13	2.634,93	3.115,26
CHP 047	1 1/2	100/250/420	495	291	385	195	216	65	65,9	0730	2.662,38	3.005,48	3.554,42
CHP 094	2	100/250/420	715	421	460	195	216	65	71,4	1030	3.183,87	4.295,50	5.009,12

Remarks:

- B filter element can be cleaned with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.
- Filter elements "A", should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.





CORRECTION FACTORS

	7	25	40	64	100	250	420
Operating pressure [bar]							
Operating pressure [psi]	100	362	580	928	1.450	3.625	6.091
Correction factor	1	3	5	8	12	12	12

FILTER ELEMENTS PG/5			 25 µm	 3 µm	 1 µm	 0,1 µm	 0,01 µm		
			B prefilter	P prefilter	XR prefilter	XM microfilter	XS finefilter	A activated carbon	CKL separator
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosil. micro fibres activated carbon	stainless steel
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price		Gross price				
			EUR	EUR	EUR	EUR	EUR	EUR	
0305	40	CHP 003	113,22			77,20			77,20
0310	70	CHP 005	128,31			87,49			87,49
0420	130	CHP 007	181,15			123,51			123,51
0520	195	CHP 010	211,35			143,44			143,44
0525	275	CHP 018	271,74			185,27			185,27
0725	380	CHP 030	332,12			236,33			236,33
0730	495	CHP 047	392,50			267,61			267,61
1030	715	CHP 094	437,78			298,49			298,49

CONDENSATE DRAIN PG/6			
			
TD 150M*	Drain valve HP	TD 420M 230V	
Gross Price [EUR]	178,13	275,44	1.648,07

*Remark: Without strainer.

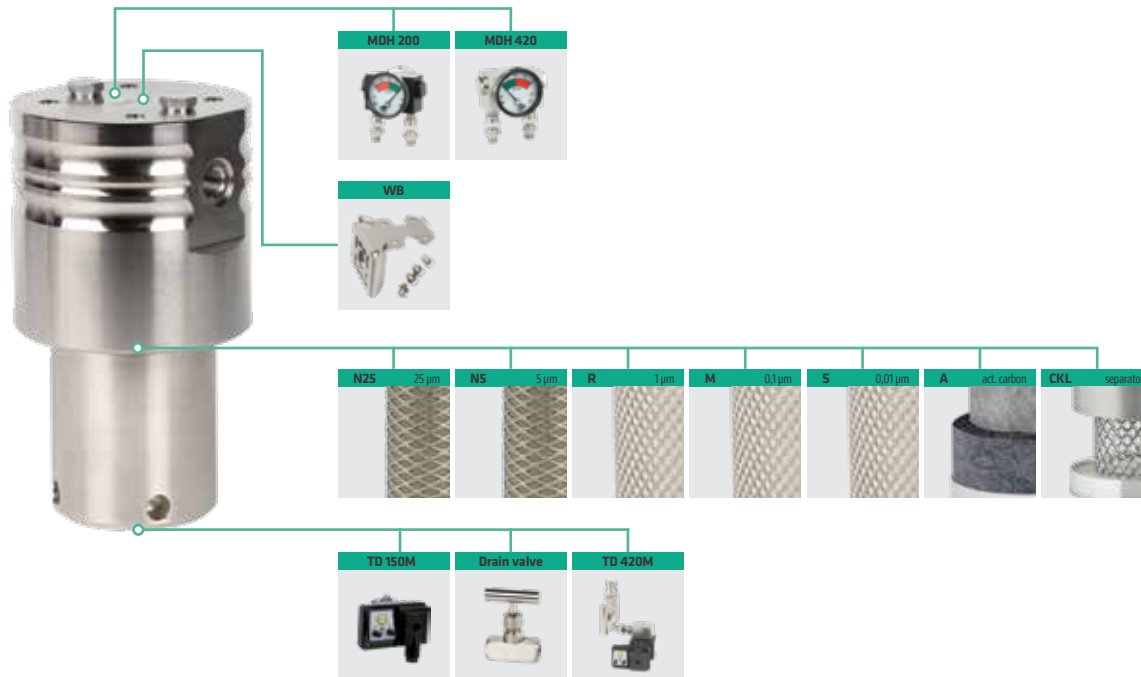
DIFFERENTIAL PRESSURE INDICATOR PG/6				
				
MDH 200	MDH 200C	MDH 420	MDH 420C	
Gross Price [EUR]	609,47	740,08	957,75	1.150,54

ACCESSORIES PG/6				
				
WB CHP/IHP S	WB CHP/IHP M	WB CHP/IHP L	WB CHP/IHP XL	
Gross Price [EUR]	61,57	81,48	99,25	135,58

IHP

STAINLESS STEEL HIGH PRESSURE FILTERS

operating pressure

100 / 250 / 420 bar


TECHNICAL DATA & PRICES

PG/5

Filter housing size	Pipe size inch	Max. oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price for 1.4301 (for filter housing only)				
					Nm ³ /h	scfm	A mm	B mm			C mm	D mm	100 bar	250 bar	420 bar
													EUR	EUR	EUR
IHP 003	1/4	100/250/420	40	23,5	182	98	104	30	7,9	0305	1.062,26	1.893,59	2.065,15		
IHP 005	3/8	100/250/420	70	41,2	182	98	104	30	7,9	0310	1.062,26	1.893,59	2.065,15		
IHP 007	1/2	100/250/420	130	76,5	230	118	129	36	15,7	0420	1.438,34	2.190,51	2.751,33		
IHP 010	3/4	100/250/420	195	115	254	118	129	36	16,6	0520	1.834,21	3.397,91	3.839,98		
IHP 018	1	100/250/420	275	162	276	145	158	46	27,3	0525	2.546,78	3.773,99	4.295,24		
IHP 030	1 1/4	100/250/420	380	223	328	145	158	46	29,6	0725	2.856,89	4.004,93	4.724,09		
IHP 047	1 1/2	100/250/420	495	291	385	195	216	65	67,8	0730	4.044,51	4.565,75	5.403,68		
IHP 094	2	100/250/420	715	421	460	195	216	65	73,5	1030	4.836,26	6.525,33	7.613,97		

Remark:

- Prices are for filter housings only.
- Material: standard stainless steel 1.4301, optional 1.4404.
- N filter elements can be cleared with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.
- Filter elements "A", should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

CORRECTION FACTORS

Operating pressure [bar]	7	25	40	64	100	250	420
Operating pressure [psi]	100	362	580	928	1450	3625	6.091
Correction factor	1	3	5	8	12	12	12

FILTER ELEMENTS									
PG/5			25 µm	5 µm	1 µm	0,1 µm	0,01 µm	A	CKL
			N25 prefilter	N5 prefilter	R prefilter	M microfilter	S finefilter	activated carbon	separator
			stainless steel mesh		borosilicate micro fibres			borosili. micro fibres activated carbon	stainless steel, PA
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price			Gross price			Gross price
			EUR			EUR			EUR
0305	40	IHP 003	116,78					108,61	108,61
0310	70	IHP 005	129,32					116,65	116,65
0420	130	IHP 007	164,95					150,43	150,43
0520	195	IHP 010	204,53					185,27	185,27
0525	275	IHP 018	244,12					219,57	219,57
0725	380	IHP 030	290,31					260,75	260,75
0730	495	IHP 047	362,88					329,37	329,37
1030	715	IHP 094	442,05					397,99	397,99

CONDENSATE DRAIN			
PG/6			
TD 150M*	Drain valve HP	TD 420M 230V	
Gross Price [EUR]	178,13	275,44	1.648,07

*Remark: Without strainer.

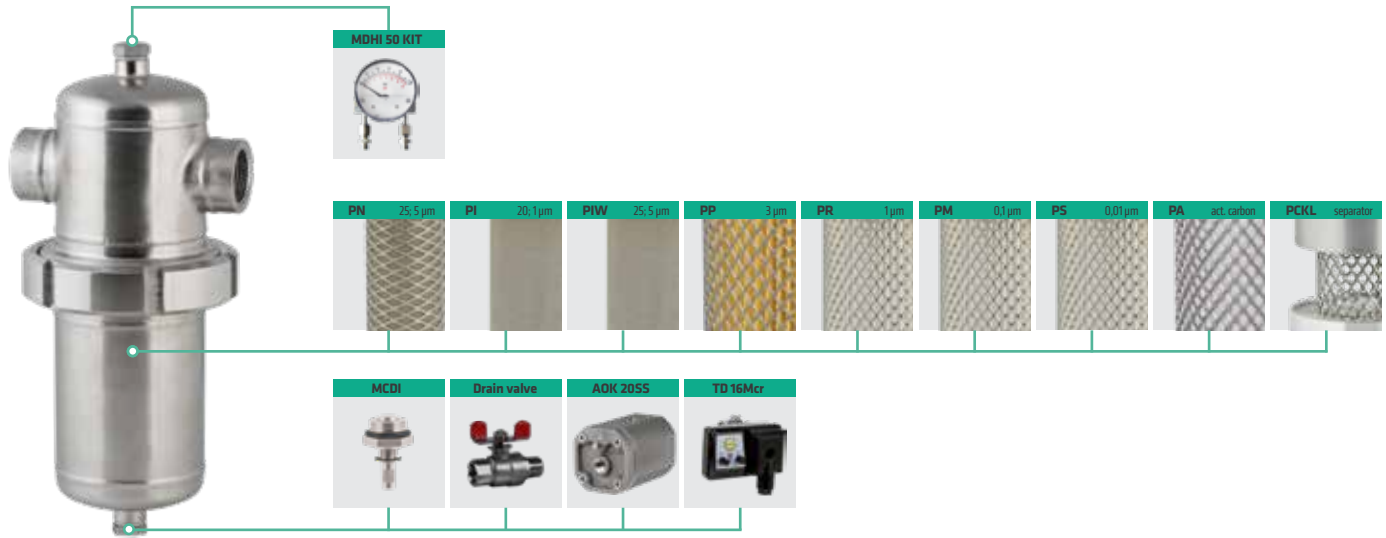
DIFFERENTIAL PRESSURE INDICATOR				
PG/6				
MDH 200	MDH 200C	MDH 420	MDH 420C	
Gross Price [EUR]	609,47	740,08	957,75	1.150,54

ACCESSORIES				
PG/6				
IHP 003-005	IHP 007-010	IHP 018-030	IHP 047-095	
WB CHP/IHP S	WB CHP/IHP M	WB CHP/IHP L	WB CHP/IHP XL	
Gross Price [EUR]	61,57	81,48	99,25	135,58

WFIT

WELDED STAINLESS STEEL COMPRESSED AIR FILTERS - THREADED CONNECTION

operating pressure

14 bar


TECHNICAL DATA & PRICES










Filter housing size	Pipe size inch	Oper. press. bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions			Mass kg	Filter element type	PG/5 Gross Price for 1.4404 (for filter housing only) EUR
			Nm ³ /h	scfm	A mm	B mm	C mm			
WFIT 005	1/4	14/203	75	44	204	120	76,1	1,9	0310	1.034,14
WFIT 007	3/8	14/203	105	62	235	120	76,1	2,1	0410	1.060,83
WFIT 010	1/2	14/203	150	88	239	121	76,1	2,2	0420	1.115,58
WFIT 018	3/4	14/203	225	132	263	121	76,1	2,3	0520	1.177,04
WFIT 030	1	14/203	315	185	278	136	88,9	3,1	0525	1.373,09
WFIT 047	1 1/4	14/203	420	247	348	155	88,9	3,4	0725	1.460,53
WFIT 070	1 1/2	14/203	600	353	376	180	114,3	4,6	0730	1.839,55
WFIT 094	2	14/203	900	530	458	180	114,3	5,4	1030	2.160,99
WFIT 150	2	14/203	1.260	742	571	180	114,3	6,1	1530	2.291,53
WFIT 175	2 1/2	14/203	1.680	989	722	226	139,7	11,4	2030	3.010,07
WFIT 200	3	14/203	2.400	1.413	1.004	224	139,7	12	3030	3.171,12
WFIT 240	3	14/203	3.600	2.119	1029	252	168,3	16	3050	4.065,36





Remark:

- Material: standard stainless steel 1.4404.
- PN, PI, PIW filter elements can be cleared with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.
- Filter elements "PA", should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.


CORRECTION FACTORS



Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88

FILTER ELEMENTS											
PG/5			25 µm; 5 µm	20 µm; 1 µm	20 µm; 1 µm	3 µm	1 µm	0,1 µm	0,01 µm		
			PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	PCKL separator
			stainless steel mesh 1.4301	sintered INOX 1.4404		acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon	stainless steel
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price				Gross price				Gross price
			EUR				EUR				EUR
0310	75	WFIT 005	125,55				106,04				106,04
0410	105	WFIT 007	147,33				124,75				124,75
0420	150	WFIT 010	160,14				136,76				136,76
0520	225	WFIT 018	198,57				168,43				168,43
0525	315	WFIT 030	237,01				199,62				199,62
0725	420	WFIT 047	281,86				237,04				237,04
0730	600	WFIT 070	352,31				299,43				299,43
1030	900	WFIT 094	429,18				361,81				361,81
1530	1.260	WFIT 150	512,47				436,66				436,66
2030	1.680	WFIT 175	634,17				536,48				536,48
3030	2.400	WFIT 200	762,28				648,74				648,74
3050	3.600	WFIT 240	1.843,13				785,99				785,99

CONDENSATE DRAINS				
PG/6		1/2"	Stainless steel 1.4404	
Gross Price [EUR]	31,27	165,27	852,02	183,76
	MCDI	Drain valve	AOK 20SS	TD 16Mcr

*Remark: Without strainer.

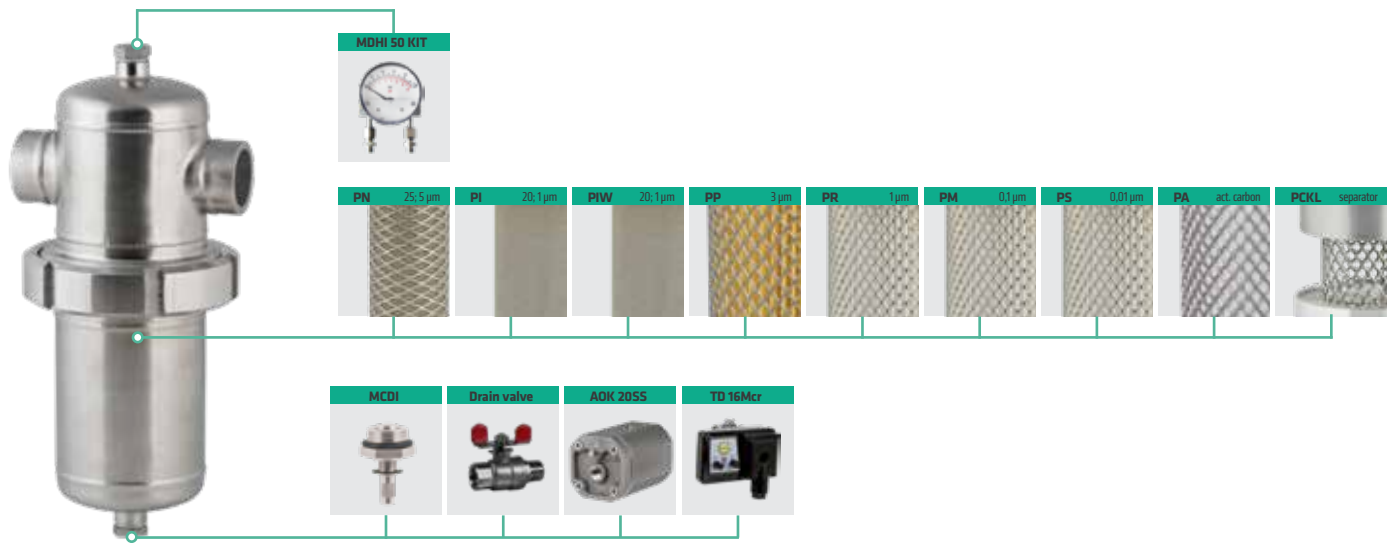
DIFFERENTIAL PRESSURE INDICATOR	
PG/6	
Gross Price [EUR]	1.337,11
	MDHI 50 KIT

ACCESSORIES		
PG/6	1/2"	Vent for AOK 50SS
Gross Price [EUR]	21,84	95,05
	Nipple M	Nipple 50SS

WFIW

WELDED STAINLESS STEEL FILTERS - WELDING END CONNECTIONS

operating pressure

14 bar


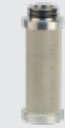
TECHNICAL DATA & PRICES - EN 1092-1/11 PN16										PG/5
Filter housing size	Pipe size DN	Oper. press. bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions			Mass kg	Filter element type	Gross Price for 14404 (for filter housing only) EUR
			Nm ³ /h	scfm	A mm	B mm	C mm			
WFIW 005	13,5	14/203	75	44	202	116	76,1	1,8	0310	939,73
WFIW 010	14,2	14/203	150	88	240	121	76,1	2	0420	1.013,73
WFIW 018	21,3	14/203	225	132	254	125	76,1	2	0520	1.069,57
WFIW 030	26,9	14/203	315	185	280	136	88,9	3	0525	1.281,14
WFIW 047	33,7	14/203	420	247	337	155	88,9	3	0725	1.387,49
WFIW 070	48,3	14/203	600	353	376	176	114,3	4,3	0730	1.747,58
WFIW 094	60,3	14/203	900	530	457	180	114,3	4,8	1030	2.052,94
WFIW 150	60,3	14/203	1.260	742	583	180	114,3	5,3	1530	2.176,96
WFIW 175	76,1	14/203	1.680	989	740	224	139,7	9	2030	2.859,56
WFIW 200	88,9	14/203	2.400	1.413	1004	224	139,7	10,8	3030	3.012,55
WFIW 240	88,9	14/203	3.600	2.119	1029	252	168,3	16,2	3050	3.862,10





Remark:

- Material: standard stainless steel 1.4404.
- PN, PI, PIW filter elements can be cleaned with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.
- Filter elements "PA", should be changed periodically to assure proper quality of air, but at least every 6 months.
- Activated carbon filters must not operate in oil saturated conditions.


CORRECTION FACTORS



Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88

FILTER ELEMENTS											
PG/5			25 µm; 5 µm	20 µm; 1 µm	20 µm; 1 µm	3 µm	1 µm	0,1 µm	0,01 µm		
			PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	PCKL separator
			stainless steel mesh 14301	sintered INOX 14404		acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon	stainless steel
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price				Gross price				Gross price
			EUR				EUR				EUR
0310	75	WFIW 005	125,55				106,04				106,04
0420	150	WFIW 010	160,14				136,76				136,76
0520	225	WFIW 018	198,57				168,43				168,43
0525	315	WFIW 030	237,01				199,62				199,62
0725	420	WFIW 047	281,86				237,04				237,04
0730	600	WFIW 070	352,31				299,43				299,43
1030	900	WFIW 094	429,18				361,81				361,81
1530	1.260	WFIW 150	512,47				436,66				436,66
2030	1.680	WFIW 175	634,17				536,48				536,48
3030	2.400	WFIW 200	762,28				648,74				648,74
3050	3.600	WFIW 240	1.843,13				785,99				785,99

CONDENSATE DRAINS				
PG/6	MCDI	1/2" Drain valve	Stainless steel 14404 AOK 20SS	TD 16Mcr
Gross Price [EUR]	31,24	165,27	852,02	183,76

*Remark: Without strainer.

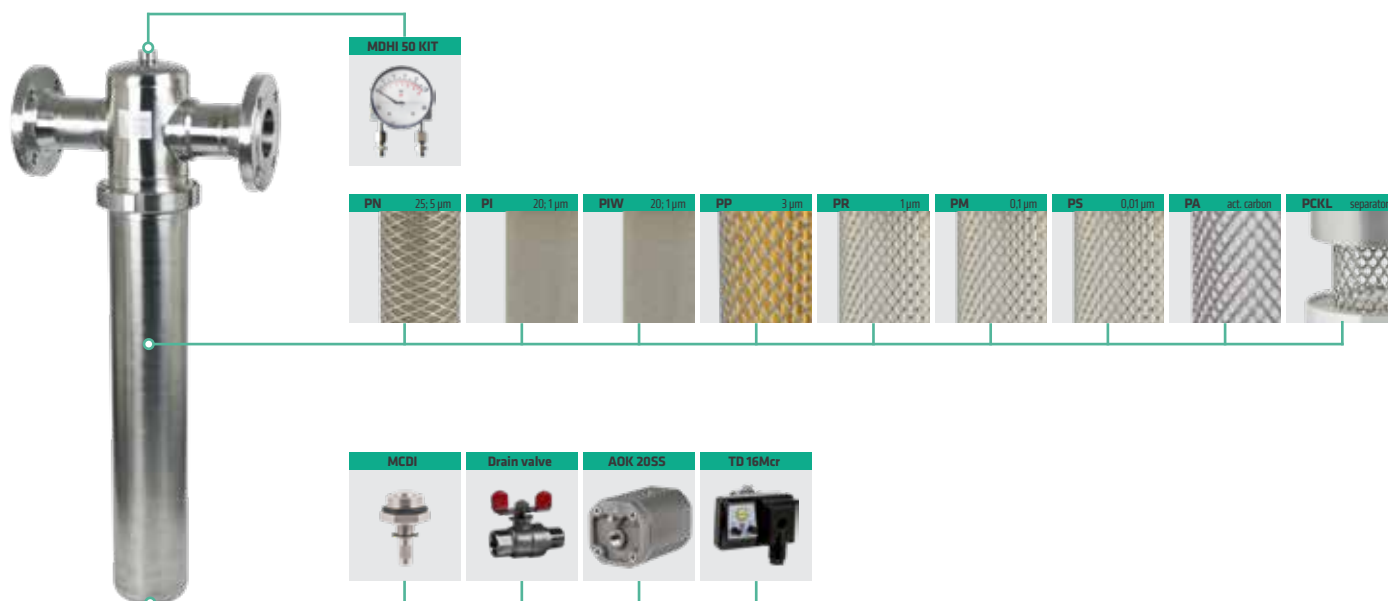
DIFFERENTIAL PRESSURE INDICATOR	
(includes complete connection pipeline) PG/6	MDHI 50 KIT
Gross Price [EUR]	1.337,12

ACCESSORIES		
PG/6	1/2" Nipple M	Vent for AOK 50SS Nipple 50SS
Gross Price [EUR]	21,83	95,05

WFIF

WELDED STAINLESS STEEL FILTERS - FLANGED CONNECTIONS

operating pressure

10/14 bar


TECHNICAL DATA & PRICES - EN 1092-1/11 PN16

PG/5

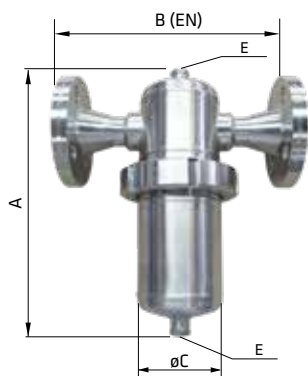
Filter housing size	Pipe size DN	Oper. press. bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price for 1.4404 (for filter housing only) EUR
			Nm³/h	scfm	A mm	B mm	C mm	E inch			
WFIF 010	DN15	14/203	150	88	230	195	76,1	1/2	3,5	0420	1.240,96
WFIF 018	DN20	14/203	225	132	263	201	76,1	1/2	4,3	0520	1.272,99
WFIF 030	DN25	14/203	315	185	279	216	88,9	1/2	5,7	0525	1.564,28
WFIF 047	DN32	14/203	420	247	348	239	88,9	1/2	6,6	0725	1.694,13
WFIF 070	DN40	14/203	600	353	391	260	114,3	1/2	8,0	0730	2.133,80
WFIF 094	DN50	14/203	900	530	444	270	114,3	1/2	9,8	1030	2.506,65
WFIF 150	DN50	14/203	1.260	742	571	270	114,3	1/2	11,0	1530	2.658,06
WFIF 175	DN65	14/203	1.680	989	752	295	139,7	1/2	14,2	2030	3.491,54
WFIF 200	DN80	14/203	2.400	1.413	978	306	139,7	1/2	21,2	3030	3.678,33
WFIF 240	DN80	14/203	3.600	2.119	1.041	332	168,3	1/2	22,9	3050	4.715,62
WFIF 450	DN100	10/145	5.040	2.966	981	410	219,1	1	55,0	3 x 2030	8.451,65
WFIF 600	DN100	10/145	6.720	3.955	1.288	410	219,1	1	64,0	3 x 3030	9.895,19
WFIF 900	DN150	10/145	9.600	5.650	1.310	480	273,0	1	87,0	4 x 3030	12.135,92
WFIF 1200	DN150	10/145	13.440	7.910	1.351	540	323,9	1	110,0	6 x 3030	12.886,31
WFIF 1800	DN200	10/145	17.280	10.171	1.496	660	406,4	1	200,0	8 x 3030	18.194,22
WFIF 2000	DN200	10/145	21.120	12.431	1.496	660	406,4	1	200,0	10 x 3030	19.401,60

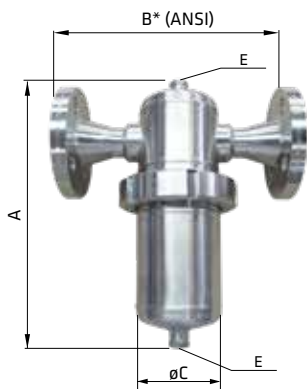
Remark:

- Material: standard stainless steel 1.4404.
- PN, PI, PIW filter elements can be cleared with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.
- Filter elements "PA" should be changed periodically to assure proper quality of air, but at least every 6 months.
- Activated carbon filters must not operate in oil saturated conditions.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88




TECHNICAL DATA - ANSI B16.5 WN CL 150

PG/5

Filter housing size	Pipe size DN	Oper. press. bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price for 1,4404 (for filter housing only) EUR
			Nm ³ /h	scfm	A mm	B* mm	C mm	E inch			
WFIF 010	DN15	14/203	150	88	230	217	76,1	1/2	3,5	0420	1.420,91
WFIF 018	DN20	14/203	225	132	263	219	76,1	1/2	4,3	0520	1.457,58
WFIF 030	DN25	14/203	315	185	279	244	88,9	1/2	5,7	0525	1.791,09
WFIF 047	DN32	14/203	420	247	343	267	88,9	1/2	6,6	0725	1.939,77
WFIF 070	DN40	14/203	600	353	391	290	114,3	1/2	8	0730	2.443,21
WFIF 094	DN50	14/203	900	530	444	304	114,3	1/2	9,8	1030	2.870,11
WFIF 150	DN50	14/203	1.260	742	571	304	114,3	1/2	11	1530	3.043,48
WFIF 175	DN65	14/203	1.680	989	752	340	139,7	1/2	14,2	2030	3.997,81
WFIF 200	DN80	14/203	2.400	1.413	978	340	139,7	1/2	21,2	3030	4.211,69
WFIF 240	DN80	14/203	3.600	2.119	1041	368	168,3	1/2	22,9	3050	5.399,39
WFIF 450	DN100	10/145	5.040	2.966	981	/	219,1	1	55	3 x 2030	on request
WFIF 600	DN100	10/145	6.720	3.955	1.288	456	219,1	1	64	3 x 3030	on request
WFIF 900	DN150	10/145	9.600	5.650	1.310	/	273	1	87	4 x 3030	on request
WFIF 1200	DN150	10/145	13.440	7.910	1.351	598	323,9	1	110	6 x 3030	on request
WFIF 1800	DN200	10/145	17.280	10.171	1.496	/	406,4	1	200	8 x 3030	on request
WFIF 2000	DN200	10/145	21.120	12.431	1.496	/	406,4	1	200	10 x 3030	on request

FILTER ELEMENTS

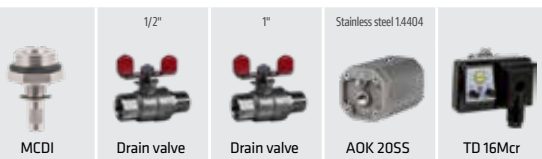
PG/5

PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	PCKL separator
stainless steel mesh 14301	sintered INOX 14404		acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon	stainless steel

Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price		Gross price		Gross price	
			EUR	EUR	EUR	EUR		
0420	150	WFIF 010	160,14	136,76	136,76			
0520	225	WFIF 018	198,57	168,43	168,43			
0525	315	WFIF 030	237,01	199,62	199,62			
0725	420	WFIF 047	281,86	237,04	237,04			
0730	600	WFIF 070	352,31	299,43	299,43			
1030	900	WFIF 094	429,18	361,81	361,81			
1530	1.260	WFIF 150	512,47	436,66	436,66			
2030	1.680	WFIF 175	634,17	536,48	536,48			
3030	2.400	WFIF 200	762,28	648,74	648,74			
3050	3.600	WFIF 240	1.843,13	785,99	785,99			
3 x 2030	5.040	WFIF 450	1.902,50	1.609,43	/			
3 x 3030	6.720	WFIF 600	2.286,85	1.946,24	/			
4 x 3030	9.600	WFIF 900	3.049,13	2.595,00	/			
6 x 3030	13.440	WFIF 1200	4.573,68	3.892,50	/			
8 x 3030	17.280	WFIF 1800	6.098,25	5.189,99	/			
10 x 3030	21.120	WFIF 2000	7.622,81	6.487,50	/			

CONDENSATE DRAINS

PG/6



Gross Price [EUR]	31,27	165,27	165,27	852,02	183,76
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DIFFERENTIAL PRESSURE INDICATOR (includes complete connection pipeline)
 PG/6


Gross Price [EUR]	1.337,13
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*Remark: Without strainer.

ACCESSORIES

PG/6

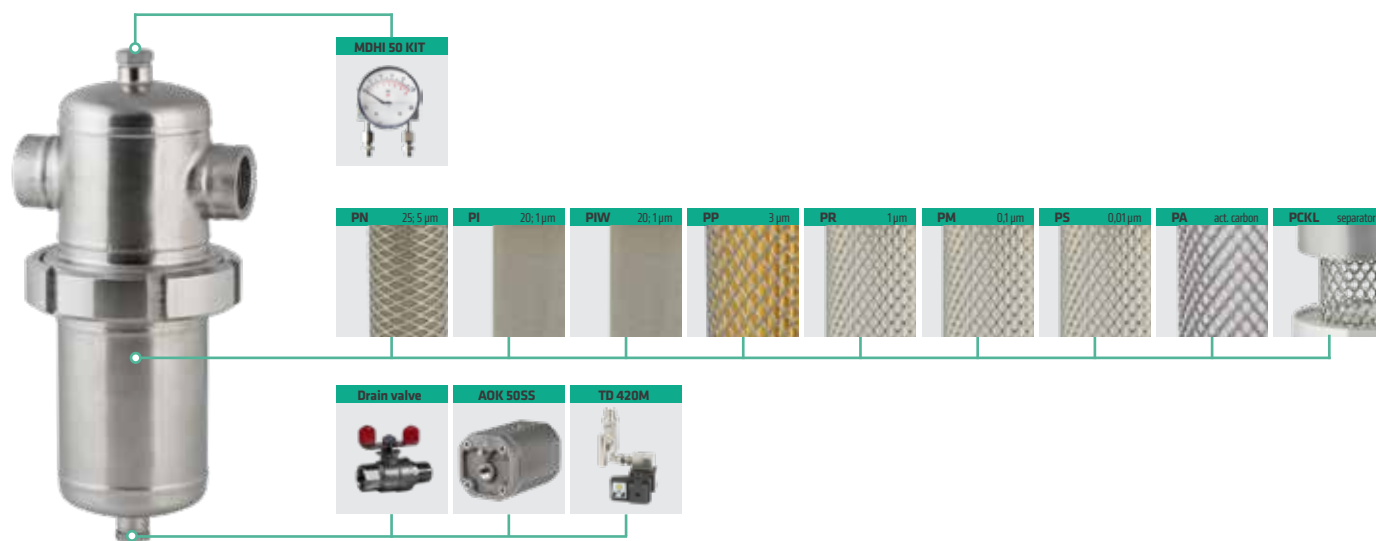


Gross Price [EUR]	21,83	56,60	95,05
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WHFIT

HIGH PRESSURE STAINLESS STEEL PROCESS COMPRESSED AIR FILTERS

operating pressure

50 bar


TECHNICAL DATA & PRICES

Filter housing size	Pipe size inch	Oper. press. bar/psi	Flow rate at 7 bar(g), 20°C		Dimensions			Mass kg	Filter element type	PG/5 Gross Price for 1.4404 (for filter housing only) EUR
			Nm ³ /h	scfm	A mm	B mm	C mm			
WHFIT 010	1/2	50/725	150	88	244	121	76,1	2,6	0420	1.378,33
WHFIT 018	3/4	50/725	225	132	268	121	76,1	2,8	0520	1.450,04
WHFIT 030	1	50/725	315	185	302	143	88,9	3,4	0525	1.850,81
WHFIT 047	1 1/4	50/725	420	247	368	160	88,9	3,9	0725	1.956,67
WHFIT 070	1 1/2	50/725	600	353	402	182	114,3	5,6	0730	2.458,00
WHFIT 094	2	50/725	900	530	469	180	114,3	6,2	1030	2.935,20
WHFIT 150	2	50/725	1260	742	606	180	114,3	6,9	1530	3.057,17
WHFIT 200	3	50/725	2400	1.413	1.028	228	139,7	11,5	3030	4.135,28

Remark:

- Material: standard stainless steel 1.4404.

- PN, PI, PIW filter elements can be cleared with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.

- Filter elements "PA", should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

CORRECTION FACTORS

Operating pressure [bar]	3	5	7	10	13	16	20	30	40	50
Operating pressure [psi]	44	72	100	145	189	232	290	435	580	725
Correction factor	0,50	0,75	1	1,38	1,75	2,13	2,63	3,88	5,13	6,38

FILTER ELEMENTS											
PG/5			25; 5 µm	20 µm; 1 µm	20 µm; 1 µm	3 µm	1 µm	0,1 µm	0,01 µm		
			PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	PCKL separator
			stainless steel mesh 1.4301	sintered INOX 1.4404		acrylic fibers, cellulose	borosilicate micro fibres			borosil. micro fibres activated carbon	stainless steel
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price				Gross price				Gross price
			EUR				EUR				EUR
0420	150	WHFIT 010	160,14				136,76				136,76
0520	225	WHFIT 018	198,57				168,43				168,43
0525	315	WHFIT 030	237,01				199,62				199,62
0725	420	WHFIT 047	281,86				237,04				237,04
0730	600	WHFIT 070	352,31				299,43				299,43
1030	900	WHFIT 094	429,18				361,81				361,81
1530	1260	WHFIT 150	512,47				436,66				436,66
3030	2400	WHFIT 200	762,28				648,74				648,74

CONDENSATE DRAINS			
PG/6			
	Drain valve	AOK 50SS	TD 420M 230 V
Gross Price [EUR]	165,27	1.207,60	1.648,08

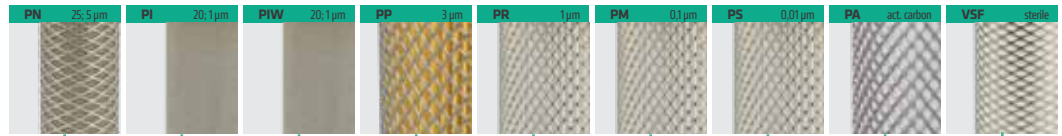
DIFFERENTIAL PRESSURE INDICATOR	
(includes complete connection pipeline)	
PG/6	
	MDHI 50 KIT
Gross Price [EUR]	1.337,11

ACCESSORIES	
PG/6	
	Nipple 50SS
Gross Price [EUR]	95,05

PF

STAINLESS STEEL PROCESS FILTERS

operating pressure

14 bar


TECHNICAL DATA & PRICES										PG/5	
Filter housing size	Pipe size inch	Oper. press. bar/psi	Flow rate at 7 bar(g), 20°C		Dimensions				Mass kg	Filter element type	Gross Price for 1.4404 (for filter housing only) EUR
			Nm ³ /h	scfm	A mm	B mm	C mm	D inch			
PF 005	1/4	14/203	75	44	206	120	76,1	1/4	1,8	0310	1.034,14
PF 007	3/8	14/203	105	62	236	120	76,1	1/4	2,0	0410	1.060,83
PF 010	1/2	14/203	150	88	239	121	76,1	1/4	2,1	0420	1.115,58
PF 018	3/4	14/203	225	132	263	121	76,1	1/4	2,2	0520	1.177,04
PF 030	1	14/203	315	185	280	136	88,9	1/4	3,0	0525	1.373,09
PF 047	1 1/4	14/203	420	247	349	155	88,9	1/4	3,4	0725	1.460,53
PF 070	1 1/2	14/203	600	353	376	180	114,3	1/4	4,6	0730	1.839,55
PF 094	2	14/203	900	530	445	180	114,3	1/4	5,2	1030	2.160,99
PF 150	2	14/203	1.260	742	572	180	114,3	1/4	6,0	1530	2.291,53
PF 175	2 1/2	14/203	1.680	989	736	226	139,7	1/4	9,6	2030	3.010,07
PF 200	3	14/203	2.400	1.413	979	226	139,7	1/4	13,7	3030	3.171,12
PF 240	3	14/203	3.600	2.119	1.041	256	168,3	1/4	18,5	3050	4.065,36
PF 450	DN100	14/203	5.040	2.966	981	410	219,1	1	56,0	3x 2030	7.286,23
PF 600	DN100	14/203	6.720	3.955	1.240	410	219,1	1	60,0	3x 3030	8.530,71
PF 900	DN150	14/203	9.600	5.650	1.311	480	273,0	1	90,0	4x 3030	10.462,45
PF 1200	DN150	14/203	13.440	7.910	1.330	540	323,9	1	112,0	6x 3030	11.109,37
PF 1800	DN200	14/203	17.280	10.171	1.496	660	406,4	1	201,0	8x 3030	15.685,35
PF 2000	DN200	14/203	21.120	12.431	1.496	660	406,4	1	202,0	10x 3030	16.726,24

Remarks:

- Material: standard stainless steel 1.4404.

- Filter elements "PA" should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

- PN, PI, PIW filter elements can be cleared with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88

FILTER ELEMENTS											
PG/5			25 µm; 5 µm	20 µm; 1 µm	20 µm; 1 µm	3 µm	1 µm	0,1 µm	0,01 µm		
			PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	VSF sterile
			stainless steel mesh 1.4301	sintered INOX 1.4404		acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon	borosilicate micro fibres
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price			Gross price			Gross price		
			EUR			EUR			EUR		
0310	75	PF 005	125,55			106,04			112,29		
0410	105	PF 007	147,33			124,75			137,23		
0420	150	PF 010	160,14			136,76			155,95		
0520	225	PF 018	198,57			168,43			174,67		
0525	315	PF 030	237,01			199,62			212,08		
0725	420	PF 047	281,86			237,04			260,67		
0730	600	PF 070	352,31			299,43			324,32		
1030	900	PF 094	429,18			361,81			412,06		
1530	1.260	PF 150	512,47			436,66			461,13		
2030	1.680	PF 175	634,17			536,48			573,89		
3030	2.400	PF 200	762,28			648,74			686,17		
3050	3.600	PF 240	1.843,13			785,99			823,42		
3x 2030	5.040	PF 450	1.902,50			1.609,43			1.721,68		
3x 3030	6.720	PF 600	2.286,85			1.946,24			2.058,52		
4x 3030	9.600	PF 900	3.049,13			2.594,90			2.541,16		
6x 3030	13.440	PF 1200	4.573,68			3.892,50			4.117,06		
8x 3030	17.280	PF 1800	6.098,25			5.189,99			5.489,41		
10x 3030	21.120	PF 2000	7.622,81			6.487,50			6.861,76		

CONDENSATE DRAINS	1/4"	1/2"		
			AOK 20SS	TD 16Mcr*
PG/6				
Gross Price [EUR]	96,09	165,27	852,02	183,76

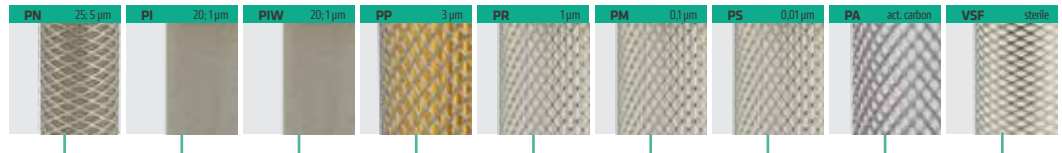
*Remark: Without strainer.

ACCESSORIES	1/4"	1"	Vent for AOK 50SS
PG/6			
Gross Price [EUR]	6,77	56,60	95,05

SPF

STAINLESS STEEL STERILE FILTERS

operating pressure

14 bar











TECHNICAL DATA & PRICES											PG/5
Filter housing size	Pipe size inch	Oper. press. bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price for 1.4404 (for filter housing only) EUR
			Nm ³ /h	scfm	A mm	B mm	C mm	E inch			
SPF 005	1/4	14/203	75	44	225	120	76,1	1/8	1,9	0310	1.189,22
SPF 007	3/8	14/203	105	62	251	120	76,1	1/8	2,0	0410	1.218,11
SPF 010	1/2	14/203	150	88	258	121	76,1	1/8	2,1	0420	1.284,63
SPF 018	3/4	14/203	225	132	282	121	76,1	1/8	2,3	0520	1.318,17
SPF 030	1	14/203	315	185	299	136	88,9	1/8	3,1	0525	1.573,06
SPF 047	1 1/4	14/203	420	247	368	155	88,9	1/8	3,4	0725	1.667,15
SPF 070	1 1/2	14/203	600	353	395	180	114,3	1/4	4,7	0730	2.101,90
SPF 094	2	14/203	900	530	464	180	114,3	1/4	5,3	1030	2.458,56
SPF 150	2	14/203	1.260	742	592	180	114,3	1/4	6,0	1530	2.614,25
SPF 175	2 1/2	14/203	1.680	989	743	226	139,7	1/4	11,4	2030	3.431,60
SPF 200	3	14/203	2.400	1.413	995	226	139,7	1/4	12,0	3030	3.607,78
SPF 240	3	14/203	3.600	2.119	1.029	256	168,3	1/4	18,0	3050	4.605,74



Remarks:


- Material: standard stainless steel 1.4404.
- SPN, SPFI filter elements can be cleared with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88

FILTER ELEMENTS											
PG/5			25 µm, 5 µm	20 µm, 1 µm	20 µm, 1 µm	3 µm	1 µm	0,1 µm	0,01 µm		
			PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	VSF sterile
			stainless steel mesh 1.4301	sintered INOX 1.4404		acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon	borosilicate micro fibres
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price				Gross price				Gross price
			EUR				EUR				EUR
0310	75	SPF 005	125,54				106,04				112,29
0410	105	SPF 007	147,34				124,75				137,24
0420	150	SPF 010	160,15				136,76				155,95
0520	225	SPF 018	198,58				168,43				174,67
0525	315	SPF 030	237,02				199,62				212,08
0725	420	SPF 047	281,86				237,04				260,67
0730	600	SPF 070	352,32				299,43				324,37
1030	900	SPF 094	429,19				361,81				412,06
1530	1260	SPF 150	512,47				436,66				461,13
2030	1680	SPF 175	634,18				536,48				573,89
3030	2400	SPF 200	762,28				648,74				686,18
3050	3600	SPF 240	1.843,13				785,99				823,42

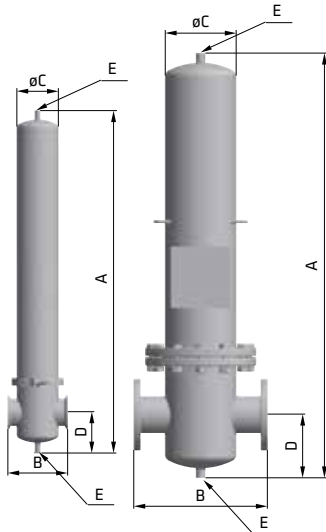
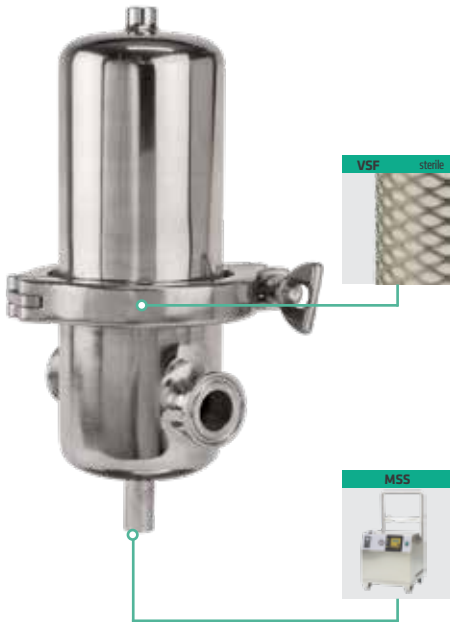
CONDENSATE DRAINS	1/8"	1/4"
		
PG/6	Drain valve	Drain valve
Gross Price [EUR]	79,44	96,09

ACCESSORIES	
PG/5	MSS
Gross Price [EUR]	35.449,16

SF

STAINLESS STEEL STERILE FILTERS

operating pressure

10 bar


TECHNICAL DATA & PRICES


Filter housing size	Pipe size DN	Max. oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions					Mass kg	Filter element type	Gross Price for 1.4404 (for filter housing only) EUR
			Nm ³ /h	scfm	A mm	B mm	C mm	D mm	E inch			
SF 006	DN10	10/145	75	44	220	130	76,1	74	1/8	1,6	0310	1.296,74
SF 009	DN10	10/145	105	62	248	130	76,1	74	1/8	1,6	0410	1.337,66
SF012	DN15	10/145	150	88	256	128	76,1	78	1/8	1,8	0420	1.386,39
SF 018	DN15	10/145	225	132	288	128	76,1	78	1/8	1,8	0520	1.451,83
SF 032	DN25	10/145	315	185	315	180	114,3	99	1/4	3,1	0530	1.873,68
SF 048	DN32	10/145	600	353	368	181	114,3	90	1/4	3,4	0730	2.132,69
SF 072	DN40	10/145	900	530	449	184	114,3	65	1/4	3,6	1030	2.367,18
SF 108	DN50	10/145	1.260	742	591	188	114,3	110	1/4	4,9	1530	2.677,66
SF 144	DN65	10/145	1.680	989	741	205	139,7	136	1/4	8,4	2030	3.147,45
SF 192	DN80	10/145	2.400	1.413	1014	203	139,7	136	1/4	10,2	3030	3.338,88
SF 432	DN100	10/145	5.040	2.966	1.005	410	219,1	183	1/2	44	3 x 2030	6.104,00
SF 576	DN100	10/145	6.720	3.955	1.266	410	219,1	183	1/2	45	3 x 3030	6.795,87
SF 768	DN150	10/145	9.600	5.650	1.337	480	273	267	1/2	70	4 x 3030	7.574,95
SF 1152	DN150	10/145	13.440	7.910	1.331	540	323,9	267	1	80	6 x 3030	10.178,35
SF 1536	DN200	10/145	17.200	10.124	1.496	660	406,4	306	1	200	8 x 3030	15.329,04
SF 1920	DN200	10/145	21.120	12.431	1.496	660	406,4	306	1	201	10 x 3030	15.624,20


Remarks:

- Material: standard stainless steel 1.4404.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10
Operating pressure [psi]	29	44	58	72	87	100	115	130	145
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38

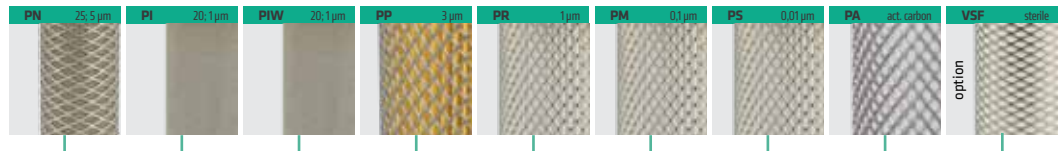
FILTER ELEMENTS PG/5			 VSF sterile borosilicate micro fibres
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price EUR
0310	75	SF 006	112,29
0410	105	SF 009	137,24
0420	150	SF 012	155,94
0520	225	SF 018	174,67
0530	315	SF 032	282,99
0730	600	SF 048	324,37
1030	900	SF 072	412,06
1530	1.260	SF 108	461,13
2030	1.680	SF 144	573,89
3030	2.400	SF 192	686,18
3 x 2030	5.040	SF 432	1.721,70
3 x 3030	6.720	SF 576	2.058,54
4 x 3030	9.600	SF 768	2.744,72
6 x 3030	13.440	SF 1152	4.117,09
8 x 3030	17.200	SF 1536	5.489,45
10 x 3030	21.120	SF 1920	6.861,81

ACCESSORIES PG/5	 MSS
Gross Price [EUR]	35.449,15

HPF

HIGH PRESSURE STAINLESS STEEL PROCESS FILTERS

operating pressure

50 bar


TECHNICAL DATA & PRICES										PG/5
Filter housing size	Pipe size inch	Oper. press. bar/psi	Flow rate at 7 bar(g), 20°C		Dimensions			Mass kg	Filter element type	Gross Price for 14404 (for filter housing only) EUR
			Nm ³ /h	scfm	A mm	B mm	C mm			
HPF 010	1/2	50/725	150	88	243	121	76,1	2,5	0420	1.378,33
HPF 018	3/4	50/725	225	132	267	129	76,1	2,7	0520	1.450,04
HPF 030	1	50/725	315	185	286	143	88,9	3,4	0525	1.850,81
HPF 047	1 1/4	50/725	420	247	355	160	88,9	3,9	0725	1.956,67
HPF 070	1 1/2	50/725	600	353	400	182	114,3	5,6	0730	2.458,00
HPF 094	2	50/725	900	530	481	180	114,3	9,2	1030	2.935,20
HPF 150	2	50/725	1.260	742	607	180	114,3	10,9	1530	3.057,17
HPF 200	3	50/725	2.400	1413	1.018	228	139,7	11,5	3030	4.135,28

Remarks:

- Material: standard stainless steel 14404.
- Filter elements "PA", should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.
- PN, PI, PIW filter elements can be cleared with ultrasonic bath or with back flushing. Intervals of cleaning depends of application. If necessary replace filter element with new one.

CORRECTION FACTORS

Operating pressure [bar]	7	20	30	40	50
Operating pressure [psi]	100	290	435	580	725
Correction factor	1	2,63	3,88	5,13	6,38

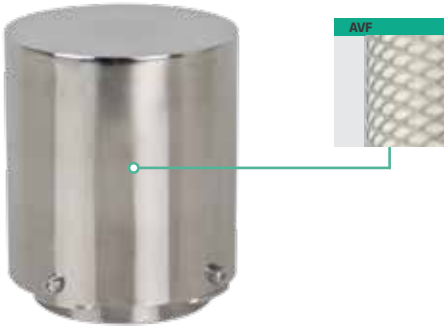
FILTER ELEMENTS											
PG/5			25 µm, 5 µm	20 µm, 1 µm	20 µm, 1 µm	3 µm	1 µm	0,1 µm	0,01 µm		
			PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	VSF sterile
			stainless steel mesh 1.4301	sintered INOX 1.4404		acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon	borosilicate micro fibres
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price			Gross price			Gross price		
			EUR			EUR			EUR		
0420	150	HPF 010	160,14			136,76			155,96		
0520	225	HPF 018	198,57			168,43			174,67		
0525	315	HPF 030	237,01			199,62			212,08		
0725	420	HPF 047	281,86			237,04			260,67		
0730	600	HPF 070	352,31			299,43			324,37		
1030	900	HPF 094	429,18			361,81			412,06		
1530	1260	HPF 150	512,47			436,66			461,13		
3030	2400	HPF 200	762,28			648,74			686,18		

CONDENSATE DRAINS			
PG/6			
AOK 50SS	TD 420m	Drain valve	
Gross Price [EUR]	1.207,60	1.648,07	96,09

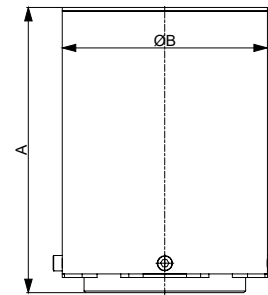
ACCESSORIES	
PG/6	
	Vent for AOK 50SS
	Nipple 50SS
Gross Price [EUR]	95,05

AV

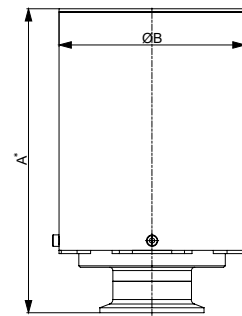
STAINLESS STEEL AIR VENTING FILTERS



TECHNICAL DATA & PRICES							PG/5
Filter housing type	Connection	Mass	Dimensions		Flow rate	Filter element type	Gross Price for 1.4404 (for filter housing only) EUR
	DIN 11851 DN		DIN 11851 kg	A mm			
AV 006	32	1,2	110	88,9	9	AVF 0310	442,05
AV 027	40	2,1	160	114,3	25	AVF 0525	468,46
AV 032	50	1,9	165	114,3	40	AVF 0530	567,41
AV 072	50	2,6	290	114,3	110	AVF 1030	593,82
AV 144	80	7,3	550	168,3	210	AVF 2030	1.075,46
AV 192	80	9,5	820	168,3	310	AVF 3030	1.121,65



DIN 11851



ISO 1127

TECHNICAL DATA & PRICES							PG/5
Filter housing type	Connection	Mass	Dimensions		Flow rate	Filter element type	Gross Price for 1.4404 (for filter housing only) EUR
	ISO 1127* DN (inch)		ISO 1127* kg	A* mm			
AV 3C 006	DN40 (1 1/2)	1,2	126	88,9	9	AVF 0310	442,05
AV 3C 027	DN40 (1 1/2)	2,1	179	114,3	25	AVF 0525	468,46
AV 3C 032	DN50 (2)	2,0	181	114,3	40	AVF 0530	567,41
AV 3C 072	DN50 (2)	2,7	308	114,3	110	AVF 1030	593,82
AV 3C 144	DN80 (3)	7,7	568	168,3	210	AVF 2030	1.075,46
AV 3C 192	DN80 (3)	12,5	812	168,3	310	AVF 3030	1.121,65

Remarks:

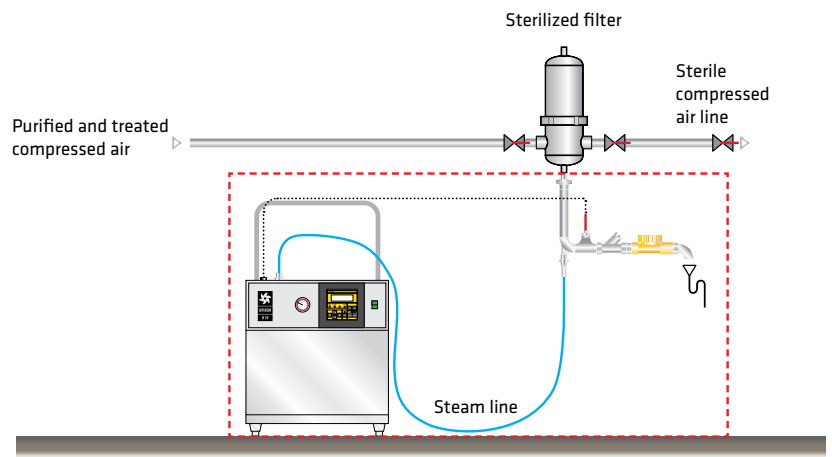
- Material: standard stainless steel 1.4404.
- Replace filter element at least every 12 months or follow instructions for specific application.
- Once a year make a visual check on filter housing and make sure is no visual damage.

*TRI-CLAMP connection.

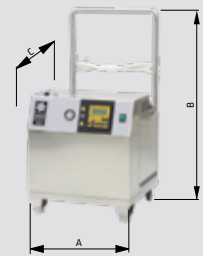
FILTER ELEMENTS		PG/5	
		AVF prefilter	
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price EUR
0310	9	AV 006	112,29
0525	25	AV 027	212,08
0530	40	AV 032	283,00
1030	110	AV 072	411,71
2030	210	AV 144	573,89
3030	310	AV 192	686,18

MSS

MOBILE STEAM STERILIZER



MOBILE STEAM STERILIZER											
PG/5											
Model	Power supply	Power consumption	Sterilization temperature	Sterilization time	Material drying time	Sound level dB(A)	Dimensions			CODE	Gross price
	ph/V/Hz	kW					A mm	B mm	C mm		
MSS	1/110-230/50-60	1,7	Adjustable from 100 - 135 °C	Adjustable up to 90 min	Adjustable up to 90 min	60	450	855	445	4700357	35.449,16



INDICATORS

DIFFERENTIAL PRESSURE INDICATOR PG/6	PDI 16	MDM 40	MDM 40C	MDA 60
	16 bar	20 bar	20 bar	20 bar
				
	Code: 3500666 Gross Price: 20,46 EUR	Code: 10005752 Gross Price: 45,39 EUR	Code: 3505753 Gross Price: 63,39 EUR	Code: 3500001 Gross Price: 64,37 EUR
ELECTRONIC PRESSURE GAUGE PG/6	EPG 60	EPG 60SN	EPG 60AO	
	16 bar	16 bar	16 bar	
				
	Code: 3505545 Gross Price: 177,62 EUR	Code: 3505546 Gross Price: 243,34 EUR	Code: 3508932 Gross Price: 247,52 EUR	
DIFFERENTIAL HIGH PRESSURE INDICATOR PG/6	MDH 200	MDH 200C	MDH 420	MDH 420C
	200 bar	200 bar	420 bar	420 bar
				
	Code: 3508893 Gross Price: 609,47 EUR	Code: 3508894 Gross Price: 740,08 EUR	Code: 3508895 Gross Price: 957,75 EUR	Code: 3508896 Gross Price: 1.150,54 EUR
DIFFERENTIAL HIGH PRESSURE STAINLESS STEEL INDICATOR PG/6	MDHI 50	MDHI 50 KIT		
	50 bar	50 bar		
				
	Code: 3506164 Gross Price: 679,31 EUR	Code: / Gross Price: 1.337,13 EUR		
OIL CONTENT INDICATOR PG/6	OCI	OCI service kit		
	0,68 - 16 bar			
				
	Code: 2300190 Gross Price: 323,30 EUR	Code: 3400855 Gross Price: 250,72 EUR		

HUMIDITY INDICATOR

PG/6

CHI

20 bar



Code:
3511729

Gross Price:
92,67 EUR

CONDENSATE DRAINS

ELECTRONIC
CONDENSATE DRAINS

PG/6

EMD 12

230 V/115 V **16 bar**



Code: **3400860**
230 V: **3400858**
115 V: **3400858**
Gross Price: **156,38 EUR**

EMD 12

24 Vac **16 bar**



Code: **3401147**
Gross Price: **188,59 EUR**

EMD 12 + 3 m kabel + plug

230 V/115 V **16 bar**



Code: **3401460**
230 V: **3403635**
115 V: **3403635**
Gross Price: **172,67 EUR**

EMD 12A

230 V/115 V **16 bar**



Code: **3400870**
230 V: **3400872**
115 V: **3400872**
Gross Price: **168,77 EUR**

EMD 12A

24 Vac **16 bar**



Code: **3401148**
Gross Price: **217,40 EUR**

EMD 12A

24 Vdc **16 bar**



Code: **3401145**
Gross Price: **203,84 EUR**

EMD 12A + 3 m kabel + plug

230 V/115 V **16 bar**



Code: **3401680**
230 V: **3403636**
115 V: **3403636**
Gross Price: **185,08 EUR**

EMD 12C

230 V/115 V **16 bar**



Code: **3400861**
230 V: **3400859**
115 V: **3400859**
Gross Price: **183,56 EUR**

EMD 12C + 3 m kabel + plug

230 V/115 V **16 bar**



Code: **3402901**
230 V: **3403637**
115 V: **3403637**
Gross Price: **199,87 EUR**

EMD 25

230 V/115 V **16 bar**



Code: **3401624**
230 V: **3401627**
115 V: **3401627**
Gross Price: **193,10 EUR**

EMD 25A

230 V/115 V **16 bar**



Code: **3401625**
230 V: **3401628**
115 V: **3401628**
Gross Price: **205,17 EUR**

EMD 25 + 3 m kabel + plug

230 V/115 V **16 bar**



Code: **3403350**
230 V: **3403638**
115 V: **3403638**
Gross Price: **209,39 EUR**

EMD 25A

24 Vac **16 bar**



Code: **3401637**
Gross Price: **248,17 EUR**

EMD 25A

24 Vdc **16 bar**



Code: **3401638**
Gross Price: **236,69 EUR**

EMD 25A + 3 m kabel + plug

230 V/115 V **16 bar**



Code: **3403351**
230 V: **3403639**
115 V: **3403639**
Gross Price: **221,47 EUR**

EMD 25C

230 V/115 V **16 bar**



Code: **3401626**
230 V: **3401629**
115 V: **3401629**
Gross Price: **216,77 EUR**

EMD 25C + 3 m kabel + plug

230 V/115 V **16 bar**



Code: **3403352**
230 V: **3403640**
115 V: **3403640**
Gross Price: **233,08 EUR**

EMD 75

230 V/115 V **16 bar**



Code: **3401630**
230 V: **3401633**
115 V: **3401633**
Gross Price: **228,84 EUR**

EMD 75 + 3 m kabel + plug

230 V **16 bar**



Code: **3403353**
230 V: **3403641**
115 V: **3403641**
Gross Price: **245,15 EUR**

EMD 75A

230 V/115 V **16 bar**



Code: **3401631**
230 V: **3401634**
115 V: **3401634**
Gross Price: **240,92 EUR**

EMD 75A + 3 m kabel + plug

230 V **16 bar**



Code: **3403354**
230 V: **3403642**
115 V: **3403642**
Gross Price: **257,23 EUR**

EMD 75C

230 V/115 V **16 bar**



Code: **3401632**
230 V: **3401635**
115 V: **3401635**
Gross Price: **252,51 EUR**

EMD 75C + 3 m kabel + plug

230 V **16 bar**



Code: **3403355**
230 V: **3403643**
115 V: **3403643**
Gross Price: **268,82 EUR**

EMD 150

230 V/115 V **16 bar**



Code: **3403020**
230 V: **3403023**
115 V: **3403023**
Gross Price: **283,80 EUR**

EMD 150 + 3 m kabel + plug

230 V/115 V **16 bar**



Code: **3403356**
230 V: **3403644**
115 V: **3403644**
Gross Price: **300,08 EUR**

	EMD 150A 230 V/115 V 16 bar  Code: 230 V: 3403021 115 V: 3403024 Gross Price: 295,87 EUR	EMD 150A + 3 m cabel + plug 230 V/115 V 16 bar  Code: 230 V: 3403357 115 V: 3403645 Gross Price: 312,16 EUR	EMD 150C 230 V/115 V 16 bar  Code: 230 V: 3403022 115 V: 3403025 Gross Price: 319,53 EUR	EMD 150C + 3 m cabel + plug 230 V/115 V 16 bar  Code: 230 V: 3403358 115 V: 3403646 Gross Price: 335,83 EUR	IED 230 V/115 V 16 bar  Code: 230 V: 3401622 115 V: 3401623 Gross Price: 108,77 EUR
	IED C 230 V/115 V 16 bar  Code: 230 V: 3401814 115 V: 3401815 Gross Price: 173,90 EUR	IED + 3 m cabel + plug 230 V 16 bar  Code: 3402885 Gross Price: 125,07 EUR	IED C + 3 m cabel + plug 230 V/115 V 16 bar  Code: 230 V: 3403631 115 V: 3403632 Gross Price: 190,20 EUR	TD 16M 230 V/115 V 16 bar  Code: 230 V: 3400395 115 V: 3400394 Gross Price: 95,37 EUR	TD 25M 230 V/115 V 25 bar  Code: 230 V: 3400480 115 V: 3400479 Gross Price: 135,59 EUR
	TD 16Mcr 230 V/115 V 16 bar  Code: 230 V: 3400484 115 V: 3400483 Gross Price: 183,76 EUR				
AUTOMATIC CONDENSATE DRAINS PG/6	AOK 16B 16 bar  Code: 3400014 Gross Price: 31,83 EUR	AOK 16F M14x1 16 bar  Code: 125055005 Gross Price: 46,86 EUR	AOK 13PA 13 bar  Code: 3403016 Gross Price: 36,11 EUR	AOK 13PA + nipple PA 13 bar  Code: 3403297 Gross Price: 52,17 EUR	AOK 20B 20 bar  Code: 3400058 Gross Price: 50,23 EUR
	AOK 20B + nipple 20 bar  Code: 3400140 Gross Price: 71,90 EUR	AOK 20BHT 13 bar  Code: 3402591 Gross Price: 97,65 EUR	AOK 20SS 20 bar  Code: 3401673 Gross Price: 852,02 EUR	AOK 20SS EX 20 bar  Code: 3403468 Gross Price: 2.886,16 EUR	

SERVICE KITS
PG/6

EMD 12
service kit

230 V/115 V



Code:
230 V: **3400856**
115 V: **3400857**

Gross Price:
57,93 EUR

EMD 25
service kit

230 V/115 V



Code:
230 V: **3401642**
115 V: **3401643**

Gross Price:
62,78 EUR

EMD 75
service kit

230 V/115 V



Code:
230 V: **3401642**
115 V: **3401643**

Gross Price:
62,78 EUR

EMD 150
service kit

230 V/115 V



Code:
230 V: **3401642**
115 V: **3401643**

Gross Price:
62,78 EUR

ECD 15B, 40B
service kit 1



Code:
3400330

Gross Price:
19,00 EUR

ECD 90B
service kit 1



Code:
3400331

Gross Price:
20,84 EUR

ECD 150B
service kit 1



Code:
3400332

Gross Price:
23,57 EUR

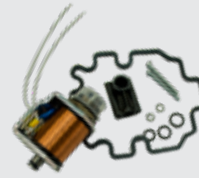
ECD 15B, 40B
service kit 2



Code:
3400664

Gross Price:
88,14 EUR

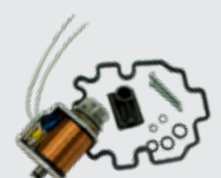
ECD 90B
service kit 2



Code:
3400665

Gross Price:
90,96 EUR

ECD 150B
service kit 2



Code:
3400666

Gross Price:
95,96 EUR

IED
service kit

230 V/115 V



Code:
3402828

Gross Price:
47,97 EUR

MANUAL
CONDENSATE DRAINS
PG/6

MCD-B

16 bar



Code:
3400709

Gross Price:
9,11 EUR

MCD

20 bar



Code:
3503665

Gross Price:
11,80 EUR

MCDI

20 bar



Code:
3401741

Stainless steel 1.4404
Gross Price:
31,27 EUR

MCDIs

20 bar



Code:
3403089

Stainless steel 1.4404
Gross Price:
38,59 EUR

HIGH PRESSURE
CONDENSATE DRAINS
PG/6

TD 50M
timer controlled

230 V/115 V

50 bar



Code:
230 V: **3400958**
115 V: **3400957**

Gross Price:
178,13 EUR

TD 150M

230 V/115 V

150 bar



Code:
230 V: **3400482**
115 V: **3400481**

Gross Price:
178,13 EUR

TD 420M

230 V/115 V

420 bar



Code:
230 V: **3402211**
115 V: **3403494**

Gross Price:
1.648,07 EUR

TD 420M

24 Vdc

420 bar



Code:
3402212

Gross Price:
1.716,48 EUR

EMD HP

230 V/115 V

50 bar



Code:
230 V: **3401432**
115 V: **3401433**

Gross Price:
1.100,51 EUR

	<p>EMD HP A</p> <p>230 V/115 V 50 bar</p>  <p>Code: 230 V: 3401434 115 V: 3401435 Gross Price: 1.118,76 EUR</p>	<p>EMD HP C</p> <p>230 V/115 V 50 bar</p>  <p>Code: 230 V: 3401436 115 V: 3401437 Gross Price: 1.143,8 EUR</p>	<p>EMD HP</p> <p>24 Vac 50 bar</p>  <p>Code: 3401438 Gross Price: 1.161,49 EUR</p>	<p>EMD HP A</p> <p>24 Vac 50 bar</p>  <p>Code: 3401439 Gross Price: 1.210,44 EUR</p>	<p>EMD HP A</p> <p>24 Vdc 50 bar</p>  <p>Code: 3401440 Gross Price: 1.191,85 EUR</p>
	<p>EMD HP service kit</p> <p>230 V/115 V</p>  <p>Code: 230 V: 3401646 115 V: 3401647 Gross Price: 151,55 EUR</p>	<p>AOK 50B</p> <p>50 bar</p>  <p>Code: 3401619 Gross Price: 710,69 EUR</p>	<p>AOK 50SS</p> <p>50 bar</p>  <p>Stainless steel 1.4404 Code: 3401620 Gross Price: 1.207,60 EUR</p>		
VALVES PG/6	<p>BALL VALVE</p> <p>16 bar</p>  <p>Code: 2800370 Gross Price: 13,87 EUR</p>	<p>DRAIN VALVE</p> <p>1/8" 64 bar stainless steel</p>  <p>Code: 2802659 Gross Price: 79,44 EUR</p>	<p>DRAIN VALVE</p> <p>1/4" 64 bar stainless steel</p>  <p>Code: 2806670 Gross Price: 96,09 EUR</p>	<p>DRAIN VALVE</p> <p>3/8" 64 bar stainless steel</p>  <p>Code: 2806671 Gross Price: 160,15 EUR</p>	<p>DRAIN VALVE</p> <p>1/2" 64 bar stainless steel</p>  <p>Code: 2806672 Gross Price: 165,27 EUR</p>
	<p>DRAIN VALVE</p> <p>3/4" 64 bar stainless steel</p>  <p>Code: 2806673 Gross Price: 275,44 EUR</p>	<p>DRAIN VALVE</p> <p>1" 64 bar stainless steel</p>  <p>Code: 2806674 Gross Price: 275,44 EUR</p>	<p>DRAIN VALVE</p> <p>1/2" 420 bar stainless steel</p>  <p>Code: 2803505 Gross Price: 275,44 EUR</p>	<p>DRAIN VALVE</p> <p>1/4" 420 bar stainless steel</p>  <p>Code: 2805238 Gross Price: 275,44 EUR</p>	

ACCESSORIES

ASSEMBLY KITS
FOR FILTERS

PG/6

AK AAF 2S

For sizes
AAF 0006 - AAF 0016



Code: 3402374
Gross Price: 33,83 EUR

AK AAF 3S

For sizes
AAF 0006 - AAF 0016



Code: 3402375
Gross Price: 36,95 EUR

AK AAF 2M

For sizes
AAF 0026 - AAF 0036



Code: 3402376
Gross Price: 40,05 EUR

AK AAF 3M

For sizes
AAF 0026 - AAF 0036



Code: 3402377
Gross Price: 36,95 EUR

AK AAF 2L

For sizes
AAF 0046 - AAF 0106



Code: 3402378
Gross Price: 40,05 EUR

AK AAF 3L

For sizes
AAF 0046 - AAF 0106



Code: 3402379
Gross Price: 40,05 EUR

AK AAF 2XL

For sizes
AAF 0186 - AAF 0706



Code: 3402380
Gross Price: 39,68 EUR

AK AAF 3XL

For sizes
AAF 0186 - AAF 0706



Code: 3402381
Gross Price: 44,03 EUR

WK AAF 1S

For sizes
AAF 0006 - AAF 0016



Code: 3402179
Gross Price: 31,62 EUR

WK AAF 2S

For sizes
AAF 0006 - AAF 0016



Code: 3402180
Gross Price: 36,95 EUR

WK AAF 3S

For sizes
AAF 0006 - AAF 0016



Code: 3402181
Gross Price: 40,05 EUR

WK AAF 1M

For sizes
AAF 0026 - AAF 0036



Code: 3402182
Gross Price: 53,22 EUR

WK AAF 2M

For sizes
AAF 0026 - AAF 0036



Code: 3402183
Gross Price: 56,85 EUR

WK AAF 3M

For sizes
AAF 0026 - AAF 0036



Code: 3402184
Gross Price: 59,70 EUR

WK AAF 1L

For sizes
AAF 0046 - AAF 0106



Code: 3402185
Gross Price: 73,77 EUR

WK AAF 2L

For sizes
AAF 0046 - AAF 0106



Code: 3402186
Gross Price: 78,99 EUR

WK AAF 3L

For sizes
AAF 0046 - AAF 0106



Code: 3402187
Gross Price: 82,96 EUR

WK AAF 1XL

For sizes
AAF 0186 - AAF 0706



Code: 3402353
Gross Price: 83,21 EUR

WK AAF 2XL

For sizes
AAF 0186 - AAF 0706



Code: 3402354
Gross Price: 87,56 EUR

WK AAF 3XL

For sizes
AAF 0186 - AAF 0706



Code: 3402355
Gross Price: 91,92 EUR

OTHER
ACCESSORIES

PG/6

SG - Sight glass

For sizes 0056 to 2406



Code: 3500409
Gross Price: 20,32 EUR

NIPPLE PA

For AOK 13PA
13 bar



Code: 3403691
Gross Price: 16,06 EUR

NIPPLE

For AOK 20B
20 bar



Code: 3402596
Gross Price: 21,68 EUR

NIPPLE 50SS

For AOK 50SS
50 bar



Code: 3401672
Gross Price: 95,05 EUR

NIPPLE HP

For EMD HP & AOK 50B
50 bar



Code: 2803044
Gross Price: 23,89 EUR

NIPPLE S	NIPPLE M	NIPPLE L	WQTK
<p style="text-align: center;">16 bar</p> 	<p style="text-align: center;">16 bar</p> 	<p style="text-align: center;">16 bar</p> 	<p style="text-align: center;">For W05m, W05</p> 
<p>Code: 2801254 Gross Price: 6,77 EUR</p>	<p>Code: 2802840 Gross Price: 21,83 EUR</p>	<p>Code: 2803486 Gross Price: 56,60 EUR</p>	<p>Code: 3403342 Gross Price: 54,90 EUR</p>

**EXHAUST
SILENCER**

PG/6



MODEL	Connection size "	CODE	Gross Price EUR
ES 06050	1/4	10006801	81,35
ES 14050	3/8	10006802	84,18
ES 12075	1/2	10006803	108,25
ES 22075	3/4	10006804	119,78
ES 22090	1	10006805	140,29
ES 32090	1 1/4	10006806	152,20
ES 32140	1 1/2	10006807	226,12
ES 45140	2	10006808	263,27

**EXHAUST SILENCER
WITH EXTERNAL THREAD**

PG/6



MODEL	Connection size "	CODE	Gross Price EUR
ESE 06050	1/4	3507221	86,20
ESE 14050	3/8	3507222	91,05
ESE 12075	1/2	3507223	116,80
ESE 22075	3/4	3507224	131,97
ESE 22090	1	3507225	156,11
ESE 32090	1 1/4	3507226	187,69
ESE 32140	1 1/2	3507227	261,84
ESE 45140	2	3507228	304,75

**EXHAUST SILENCER
WITH VALVE**

PG/6



MODEL	Connection size "	CODE	Gross Price EUR
ES B 06050B PAK	1/4	10008855	99,38
ES B 14050B PAK	3/8	10008856	102,61
ES B 12075B PAK	1/2	10008857	127,37
ES B 22075B PAK	3/4	10008858	143,54
ES B 22090B PAK	1	10008859	198,89
ES B 32090B PAK	1 1/4	10008860	210,84
ES B 32140B PAK	1 1/2	10008861	292,68
ES B 45140B PAK	2	10008862	321,90

**EXHAUST SILENCER
WITH EXTERNAL THREAD
AND VALVE**

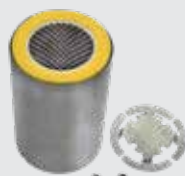
PG/6



MODEL	Connection size "	CODE	Gross Price EUR
ES BE 06050B PAK	1/4	10008871	104,23
ES BE 14050B PAK	3/8	10008872	109,33
ES BE 12075B PAK	1/2	10008873	135,95
ES BE 22075B PAK	3/4	10008874	155,73
ES BE 22090B PAK	1	10008875	214,68
ES BE 32090B PAK	1 1/4	10008876	246,40
ES BE 32140B PAK	1 1/2	10008877	326,01
ES BE 45140B PAK	2	10008878	363,45

**EXHAUST SILENCER
SERVICE KIT**

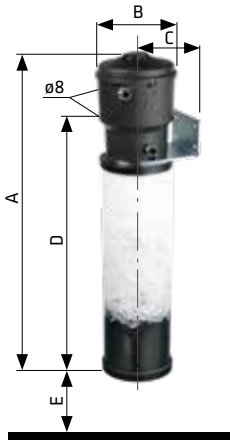
PG/6




MODEL	CODE	Gross Price EUR
ES 06050	3506834	19,02
ES 14050	3506835	21,97
ES 12075	3506836	33,50
ES 22075	3506837	42,52
ES 22090	3506838	44,20
ES 32090	3506839	90,07
ES 32140	3506840	93,45
ES 45140	3506841	131,71


WOSm

WATER-OIL SEPARATORS



TECHNICAL DATA & PRICES										PG/7	
Model	Flow rate			Dimensions					Mass	Filter element type	Gross price
	15 °C 60 %RH	25 °C 60 %RH	40 °C 100 %RH	A	B	C	D	E			(complete assembly)
	Nm ³ /min			mm	mm	mm	mm	mm	kg		EUR
WOSm 1	1,23	1,08	0,62	483	106	80	335	50	1,21	WOS-m1	177,72
WOSm 2	2,54	2,23	1,28	816	106	80	670	50	1,75	WOS-m2	213,81

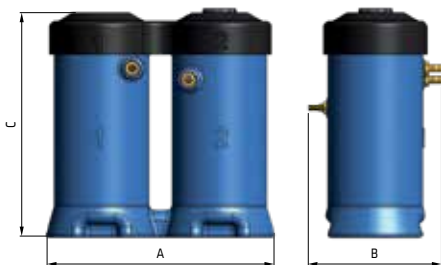
SEPARATOR ELEMENTS			
PG/7			
			WOSm
Filter element type	Flow rate 15 °C 60%RH / 25 °C 60%RH / 40 °C 100%RH Nm ³ /min	Corresponding housing	Gross price EUR
WOS-m1	1,23 / 1,08 / 0,62	WOSm 1	94,96
WOS-m2	2,54 / 2,23 / 1,28	WOSm 2	131,05

WATER QUALITY TEST KIT	
PG/7	WQTK
Gross Price [EUR]	54,90

WOS

WATER-OIL SEPARATORS

operating pressure

16 bar


TECHNICAL DATA & PRICES

Model	Flow rate 15 °C 60%RH / 25 °C 60%RH / 40 °C 100%RH Nm ³ /min	Dimensions			Mass kg	Filter element type	Gross Price (for housing and water quality test kit) EUR
		A mm	B mm	C mm			
WOS-4	4,82 / 4,04 / 2,05	416	243	411	2,77	PP, AK, WOS 4	411,70
WOS-8	10,0 / 8,4 / 4,25	730	343	680	11,77	PP, AK, WOS 8	651,88
WOS-20	24,4 / 20,5 / 10,37	820	366	940	16,23	PP, AK, WOS 20	919,47
WOS-35	42,3 / 35,5 / 17,99	960	386	1137	21,54	PP, AK, WOS 35	1.290,02

SEPARATOR ELEMENTS

PG/7



PP

AK

Filter element type	Corresponding housing	Gross Price	Gross Price
		EUR	EUR
WOS 4	WOS-4	68,62	68,62
WOS 8	WOS-8	96,06	96,06
WOS 20	WOS-20	144,11	144,11
WOS 35	WOS-35	233,29	233,29

WATER QUALITY TEST KIT

PG/7



WQTK

Gross Price [EUR]

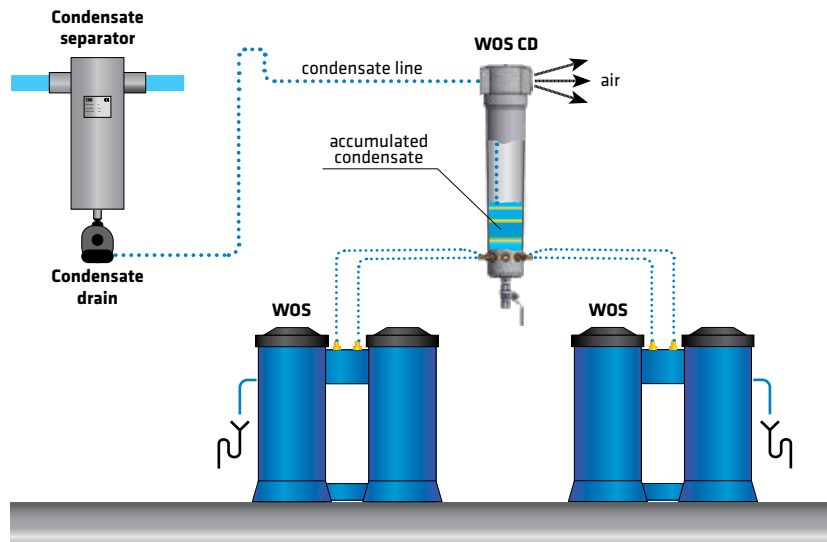
54,90

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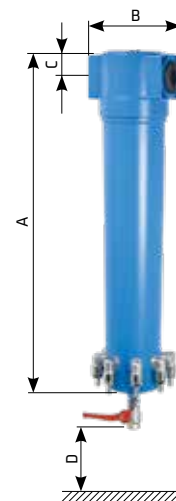
- Both elements are required.

WOS CD

CONDENSATE DISTRIBUTOR



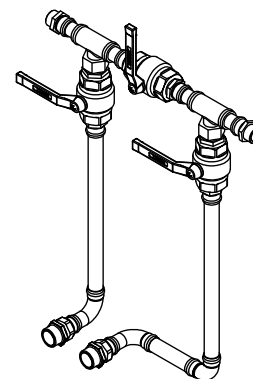
TECHNICAL DATA & PRICES									PG/7
Model	Pipe size	Hosetail connections	Dimensions				Volume	Mass	Gross price
	inch		A	B	C	D			
WOS CD 2	3/4	2	257	88	20	140	0,6	1,2	227,02
WOS CD 4	1 1/2	4	461	125	32	140	2,8	3	409,07
WOS CD 8	2	8	684	163	43	140	6,0	6	685,93
WOS CD 12	3	12	795	240	59	140	20,0	12,9	1.383,64



RDP

REFRIGERATION COMPRESSED AIR DRYERS

operating pressure

16/14 bar


Option: Bypass

TECHNICAL DATA & PRICES

PG/8

Model	Air flow*		Operating pressure bar	Pressure drop bar	Power supply f/V/Hz	Dimensions			Air connections	Condensate drain	Refrigerant	Weight kg	CODE	Gross price EUR	BYPASS CODE	Bypass Gross price EUR
	m ³ /h	scfm				W	L	H								
RDP 20	20	11,76	16	<0,2	1/230/50*	352	485	499	G 3/8" BSP-F	EMD 12	R 134a	25	2057023	1.382,71	2001184	150,96
RDP 35	35	20,59	16	<0,2	1/230/50*	352	485	499	G 3/8" BSP-F	EMD 12	R 134a	25	2057024	1.418,94	2001184	150,96
RDP 50	50	29,41	16	<0,2	1/230/50*	352	485	499	G 3/4" BSP-F	EMD 12	R 134a	26	2057025	1.467,24	2001185	324,85
RDP 75	75	44,12	16	<0,2	1/230/50 / 230/60	352	485	499	G 3/4" BSP-F	EMD 12	R 134a	27	2057026	1.503,47	2001185	324,85
RDP 100	100	58,82	16	<0,2	1/230/50 / 230/60	352	485	499	G 3/4" BSP-F	EMD 12	R 134a	32	2057027	1.588,00	2001185	324,85
RDP 140	140	82,35	16	<0,2	1/230/50 / 230/60	356	552	684	G 1" BSP-F	EMD 12	R 134a	50	2057028	1.841,60	2001186	457,68
RDP 180	180	105,88	16	<0,2	1/230/50*	356	552	684	G 1" BSP-F	EMD 12	R 134a	52	2057029	2.077,07	2001186	457,68
RDP 235	235	138,24	16	<0,2	1/230/50*	356	552	684	G 1" BSP-F	EMD 12	R 134a	56	2057030	2.161,60	2001186	457,68
RDP 300	300	176,47	16	<0,2	1/230/50 / 230/60	495	589	827	G 1 1/4" BSP-F	EMD 12	R 134a	84	2057031	2.572,19	2001187	621,92
RDP 380	380	223,53	16	<0,2	1/230/50 / 230/60	495	589	827	G 1 1/4" BSP-F	EMD 12	R 134a	90	2057032	2.940,52	2001187	621,92
RDP 480	480	282,35	16	<0,2	1/230/50 / 230/60	495	589	827	G 1 1/2" BSP-F	EMD 12	R 134a	99	2057033	3.580,54	2001188	718,53
RDP 600	600	352,94	16	<0,2	1/230/50 / 230/60	491	708	973	G 2" BSP-F	EMD 12	R 134a	110	2057034	4.703,61	2001189	1.515,55
RDP 750	750	441,18	16	<0,2	3/400/50 / 440/60	491	708	973	G 2" BSP-F	EMD 12	R 134a	120	2057035	5.621,39	2001189	1.515,55
RDP 950	950	558,82	16	<0,2	3/400/50 / 440/60	491	708	973	G 2" BSP-F	EMD 12	R 134a	150	2057036	7.106,75	2001189	1.515,55
RDP 1150	1.150	676,47	16	<0,2	3/400/50 / 440/60	662	856	1.534	G 2 1/2" BSP-F	EMD 12	R 134a	250	2057037	10.017,06	/	/
RDP 1300	1.300	764,71	16	<0,2	3/400/50 / 440/60	662	856	1.534	G 2 1/2" BSP-F	EMD 12	R 134a	280	2057038	10.620,86	/	/
RDP 1500	1.500	882,35	16	<0,2	3/400/50 / 440/60	662	856	1.534	G 2 1/2" BSP-F	EMD 12	R 134a	290	2057039	12.915,31	/	/
RDP 1900	1.900	1.117,65	16	<0,2	3/400/50 / 440/60	662	856	1.534	G 2 1/2" BSP-F	EMD 12	R 134a	310	2057040	15.082,94	/	/
RDP 2600	2.600	1.529,41	14	<0,2	3/400/50*	870	1.502	1.888	DN100	AOK 20B	R 134a	500	2057041	25.903,06	/	/
RDP 3400	3.400	2.000,00	14	<0,2	3/400/50*	870	1.502	1.888	DN100	AOK 20B	R 134a	550	2057042	27.768,81	/	/
RDP 4400	4.400	2.588,24	14	<0,2	3/400/50*	1.522	1.307	1.995	DN125	AOK 20B	R 134a	767	2057043	32.236,94	/	/
RDP 5400	5.400	3.176,47	14	<0,2	3/400/50*	1.522	1.307	1.995	DN125	AOK 20B	R 134a	787	2057044	41.607,93	/	/
RDP 6600	6.600	3.882,35	14	<0,2	3/400/50*	1.628	1.367	1.897	DN150	AOK 20B	R 134a	920	2057045	49.451,30	/	/
RDP 7200	7.200	4.235,29	14	<0,2	3/400/50*	1.603	1.944	1.864	DN150	AOK 20B	R 134a	1.200	2057046	51.920,85	/	/
RDP 8800	8.800	5.176,47	14	<0,2	3/400/50*	1.659	2.070	1.968	DN200	AOK 20B	R 134a	1.237	2057047	71.550,42	/	/
RDP 10800	10.800	6.352,94	14	<0,2	3/400/50*	1.579	1.945	1.872	DN200	AOK 20B	R 134a	1.350	2057048	82.473,18	/	/
RDP 13200	13.200	7.764,71	14	<0,2	3/400/50*	1.808	2.599	2.000	DN200	AOK 20B	R 134a	1.443	2057049	97.803,68	/	/

*Nominal conditions: inlet flow 20 °C at 1 bara, ambient 25 °C, dryer inlet 35 °C at 7 barg, 3 °C pressure dew point (-20,5 °C atmospheric).

** Special 60 Hz version available.

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES

Operating pressure [bar]	4	5	6	7	8	10	12	14	16
Operating pressure [psi]	58	72	87	100	115	145	174	203	232
Correction factor	0,77	0,86	0,93	1,00	1,05	1,14	1,21	1,27	1,32

CORRECTION FACTOR FOR DEW POINT CHANGES

Temperature [°C]	3	5	7	10
Temperature [°F]	37,4	41	44,6	50
Correction factor	1	1,1	1,21	1,39

CORRECTION FACTOR FOR INLET AIR TEMPERATURE CHANGES

Temperature [°C]	≤25	30	35	40	45	50	55
Temperature [°F]	77	86	95	104	113	122	131
Correction factor	1,2	1,12	1	0,83	0,69	0,59	0,5

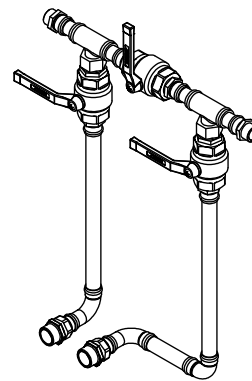
CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGES

Temperature [°C]	≤25	30	35	40	45
Temperature [°F]	77	86	95	104	113
Correction factor	1	0,96	0,9	0,82	0,72

RDT

REFRIGERATION COMPRESSED AIR DRYERS WITH TIMER DRAIN

operating pressure

16 bar


Option: Bypass

TECHNICAL DATA & PRICES

Model	Air flow*		Power supply	Power	Pressure drop	Dimensions			Air connections	Condensate drain	Refrigerant	Weight	CODE	Gross price	Bypass CODE	Bypass Gross price
	m ³ /h	scfm	f/V/Hz			W	mm	L								
RDT 20	20	11,76	1/230/50*	135	0,2	352	485	499	G 3/8" BSP-F	Timer drain	R 134a	25	2057230	1.304,21	2001184	150,96
RDT 35	35	20,59	1/230/50*	135	0,2	352	485	499	G 3/8" BSP-F	Timer drain	R 134a	25	2057231	1.340,44	2001184	150,96
RDT 50	50	29,41	1/230/50*	180	0,2	352	485	499	G 3/4" BSP-F	Timer drain	R 134a	26	2057232	1.388,74	2001185	324,85
RDT 75	75	44,12	1/230/50 / 230/60	250	0,2	352	485	499	G 3/4" BSP-F	Timer drain	R 134a	27	2057233	1.424,97	2001185	324,85
RDT 100	100	58,82	1/230/50 / 230/60	320	0,2	352	485	499	G 3/4" BSP-F	Timer drain	R 134a	32	2057234	1.509,50	2001185	324,85
RDT 140	140	82,35	1/230/50 / 230/60	450	0,2	356	552	684	G 1" BSP-F	Timer drain	R 134a	50	2057235	1.763,10	2001186	457,68
RDT 180	180	105,88	1/230/50*	500	0,2	356	552	684	G 1" BSP-F	Timer drain	R 134a	52	2057236	1.998,59	2001186	457,68
RDT 235	235	138,24	1/230/50*	600	0,2	356	552	684	G 1" BSP-F	Timer drain	R 134a	56	2057237	2.083,12	2001186	457,68
RDT 300	300	176,47	1/230/50 / 230/60	700	0,2	495	589	827	G 1 1/4" BSP-F	Timer drain	R 134a	84	2057238	2.493,70	2001187	621,92
RDT 380	380	223,53	1/230/50 / 230/60	800	0,2	495	589	827	G 1 1/4" BSP-F	Timer drain	R 134a	90	2060047	2.862,01	2001187	621,92
RDT 480	480	282,35	1/230/50 / 230/60	1.000	0,2	495	589	827	G 1 1/2" BSP-F	Timer drain	R 134a	99	2060019	3.502,05	2001188	718,53
RDT 600	600	352,94	1/230/50 / 230/60	1.100	0,2	491	708	973	G 2" BSP-F	Timer drain	R 134a	110	2060020	4.625,12	2001189	1.515,55
RDT 750	750	441,18	3/400/50 / 440/60	1.500	0,2	491	708	973	G 2" BSP-F	Timer drain	R 134a	120	2060021	5.542,89	2001189	1.515,55
RDT 950	950	558,82	3/400/50 / 440/60	1.900	0,2	491	708	973	G 2" BSP-F	Timer drain	R 134a	150	2060022	7.028,24	2001189	1.515,55
RDT 1150	1.150	676,47	3/400/50 / 440/60	2.000	0,2	662	856	1.534	G 2 1/2" BSP-F	Timer drain	R 134a	250	2060023	9.938,57	/	/
RDT 1300	1.300	764,71	3/400/50 / 440/60	2.300	0,2	662	856	1.534	G 2 1/2" BSP-F	Timer drain	R 134a	280	2060024	10.542,37	/	/
RDT 1500	1.500	882,35	3/400/50 / 440/60	2.400	0,2	662	856	1.534	G 2 1/2" BSP-F	Timer drain	R 134a	290	2060025	12.836,81	/	/
RDT 1900	1.900	1.117,65	3/400/50 / 440/60	3.400	0,2	662	856	1.534	G 2 1/2" BSP-F	Timer drain	R 134a	310	2060026	15.004,45	/	/

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES

Operating pressure [bar]	4	5	6	7	8	10	12	14	16
Operating pressure [psi]	58	72	87	100	115	145	174	203	232
Correction factor	0,77	0,86	0,93	1,00	1,05	1,14	1,21	1,27	1,32

CORRECTION FACTOR FOR DEW POINT CHANGES

Temperature [°C]	3	5	7	10
Temperature [°F]	37,4	41	44,6	50
Correction factor	1	1,1	1,21	1,39

CORRECTION FACTOR FOR INLET AIR TEMPERATURE CHANGES

Temperature [°C]	≤25	30	35	40	45	50	55
Temperature [°F]	77	86	95	104	113	122	131
Correction factor	1,2	1,12	1	0,83	0,69	0,59	0,5

CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGES

Temperature [°C]	≤25	30	35	40	45
Temperature [°F]	77	86	95	104	113
Correction factor	1	0,96	0,9	0,82	0,72

Data refer to the following nominal conditions: inlet flow 20 °C at 1 bara, ambient 25 °C, dryer inlet 35 °C at 7 barg, 3 °C pressure dew point (-20,5 °C atmospheric).
Max. working condition: Ambient temperature 45 °C, inlet air temperature 55 °C and inlet air pressure 16 barg.

RDL

REFRIGERATION COMPRESSED AIR DRYERS

operating pressure

13 bar


TECHNICAL DATA & PRICES

PG/8

Model	Air flow*		Connections IN/OUT ø	Supply f/V/Hz	Power consumption kW	Refrigerant R134a kg	Dimensions			Weight kg	CODE	Gross price EUR
	m ³ /h	scfm					W	L	H			
RDL 35	35	20,6	G 1/2" BSP-F	1~230-50*	0,17 / 0,13	0,230	236	532	665	23	2057105	1.149,82
RDL 75	75	44,14	G 3/4" BSP-F	1~230-50/230-60	0,40 / 0,25	0,380	236	532	665	24	2057107	1.253,83
RDL 100	100	58,86	G 1" BSP-F	1~230-50/230-60	0,43 / 0,29	0,585	236	532	665	30	2057110	1.340,50
RDL 180	180	105,94	G 1" BSP-F	1~230-50/230-60	0,52 / 0,37	0,71	236	573	763	46	2057111	1.727,62
RDL 235	235	138,32	G 1 1/2" BSP-F	1~230-50*	0,61 / 0,46	0,89	236	753	763	49	2057531	1.837,40

* Nominal conditions: inlet flow 20 °C at 1 bara, ambient 25 °C, dryer inlet 35°C at 7 barg, 5 °C pressure dew point (-19,3 °C atmospheric).

** Special 60 Hz version available.

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES

Operating pressure [bar]	4	5	6	7	8	10	12	13
Operating pressure [psi]	58	72	87	100	115	145	174	189
Correction factor	0,77	0,86	0,93	1,00	1,05	1,14	1,21	1,24

CORRECTION FACTOR FOR DEW POINT CHANGES

Temperature [°C]	3	5	7	10
Temperature [°F]	37,4	41	44,6	50
Correction factor	0,9	1,0	1,1	1,26

CORRECTION FACTOR FOR INLET AIR TEMPERATURE CHANGES

Temperature [°C]	≤25	30	35	40	45	50	55
Temperature [°F]	77	86	95	104	113	122	131
Correction factor	1,2	1,12	1	0,83	0,69	0,59	0,5

CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGES

Temperature [°C]	≤25	30	35	40	45
Temperature [°F]	77	86	95	104	113
Correction factor	1	0,96	0,9	0,82	0,72

Data refer to the following nominal conditions: Ambient temperature of 25 °C, with inlet air at 7 barg and 35 °C and pressure dew point 5 °C in accordance to ISO8573-1 class 6. All models are equipped with R134a refrigerant. Max. operating condition : Ambient temperature 45 °C , Inlet air temperature 55 °C and Inlet air pressure 16 barg.

RDHP

HIGH PRESSURE REFRIGERATION COMPRESSED AIR DRYERS

operating pressure

45 bar


TECHNICAL DATA & PRICES

PG/8

Model	Air flow*		Air connection IN / OUT	Supply f/Hz	Refrigerant type	Dimensions			Mass kg	CODE	Gross price EUR
	m ³ /h	scfm				W mm	L mm	H mm			
RDHP 20	20	11,76	G 3/8" BSP-F	1~230-50	R134a	352	485	499	24	2057120	1.986,51
RDHP 35	35	20,59	G 3/8" BSP-F	1~230-50	R134a	352	485	499	24	2057121	2.052,92
RDHP 50	50	29,41	G 3/8" BSP-F	1~230-50	R134a	352	485	499	25	2057122	2.131,42
RDHP 75	75	44,12	G 3/8" BSP-F	1~230-50/230-60	R134a	352	485	499	26	2057123	2.342,74
RDHP 100	100	58,82	G 3/8" BSP-F	1~230-50/230-60	R134a	352	485	499	31	2057124	3.133,73
RDHP 140	140	82,35	G 1/2" BSP-F	1~230-50/230-60	R134a	356	552	684	44	2057125	3.598,66
RDHP 180	180	105,88	G 1/2" BSP-F	1~230-50/230-60	R134a	356	552	684	49	2057126	3.973,01
RDHP 235	235	138,24	G 1/2" BSP-F	1~230-50/230-60	R134a	356	552	684	53	2057127	4.262,84
RDHP 300	300	176,47	G 3/4" BSP-F	1~230-50	R134a	495	589	827	62	2057128	5.126,27
RDHP 380	380	223,53	G 3/4" BSP-F	1~230-50	R134a	495	589	827	65	2057129	5.307,41
RDHP 480	480	282,35	G 1" BSP-F	1~230-50/230-60	R134a	495	589	827	88	2057130	5.488,55
RDHP 600	600	352,94	G 1" BSP-F	1~230-50/230-60	R134a	491	708	973	91	2057131	7.142,97
RDHP 750	750	441,18	G 1" BSP-F	1~230-50/230-60	R134a	491	708	973	105	2057132	8.803,41
RDHP 950	950	558,82	G 1" BSP-F	1~230-50/230-60	R134a	491	708	973	111	2057133	9.962,72
RDHP 1500	1.500	882,35	G 2" BSP-F	3~400-50/440-60	R134a	662	856	1.534	210	2060038	18.431,82
RDHP 1900	1.900	1.117,65	G 2" BSP-F	3~400-50/440-60	R134a	662	856	1.534	275	2060039	19.587,42
RDHP 2250	2.250	1.323,53	G 2" BSP-F	3~400-50/440-60	R134a	662	856	1.534	286	2060040	21.817,73
RDHP 2850	2.850	1.676,47	DN 80	3~400-50/440-60	R134a	662	856	1.534	320	2060041	24.833,84
RDHP 3800	3.800	2.235,29	DN 80	3~400-50	R134a	702	1.010	2.013	390	2060042	30.577,18
RDHP 4750	4.750	2.794,12	DN 80	3~400-50	R134a	702	1.010	2.013	410	2060043	37.718,78

*Nominal condition: inlet flow 20 °C at 1 bara, ambient 25 °C, dryer inlet 35 °C at 40 barg, 3 °C pressure dew point (-36,6 °C atmospheric).

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES

Operating pressure [bar]	15	20	25	30	35	40	45
Operating pressure [psi]	218	290	363	435	508	580	652
Correction factor	0,57	0,70	0,80	0,88	0,94	1,00	1,05

CORRECTION FACTOR FOR DEW POINT CHANGES

Temperature [°C]	3	5	7	10
Temperature [°F]	37,4	41	44,6	50
Correction factor	1,00	1,09	1,19	1,37

CORRECTION FACTOR FOR INLET AIR TEMPERATURE CHANGES

Temperature [°C]	≤25	30	35	40	45	50	55
Temperature [°F]	77	86	95	104	113	122	131
Correction factor	1,20	1,12	1,00	0,83	0,69	0,59	0,50

CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGES

Temperature [°C]	≤25	30	35	40	45
Temperature [°F]	77	86	95	104	113
Correction factor	1	0,96	0,9	0,82	0,72

Data refer to the following nominal conditions: Ambient temperature of 25 °C, with inlet air at 40 barg and 35 °C and pressure dew point 3 °C in accordance to ISO8573-1 class 6. All models are equipped with R134a refrigerant. Max. operating condition: Ambient temperature 45 °C, Inlet air temperature 55 °C and Inlet air pressure 16 barg.

RDP/RDT

SERVIS PARTS

operating pressure

16 bar

DESCRIPTION	Part Number	RDP/RDT																		Gross Price EUR		
		0020	0035	0050	0075	0100	0140	0180	0235	0300	0380	0480	0600	0750	0950	1150	1300	1500	1900		2600	
Compressor	1401365	1	1	1																	190,57	
	1401437				1																	192,60
	1401431					1	1															216,68
	1401369							1														263,17
	1401439								1													250,38
	1401440									1	1											539,28
	1401441											1	1									606,69
	1401374													1	1							963,00
	1401375														1	1						1064,12
	1401376																1	1				1463,76
	1401410																			1		1526,36
1401421																				1	3428,28	
Fan & Condenser pack	2101729						1	1	1												196,18	
	2101700								1				2									260,01
	2101701									1	1			2	2							279,27
	2101732															1	1					1213,38
	2101802																	2	2			1040,04
Condenser	2101822	1	1																			77,04
	2101839			1	1	1																101,12
	2101855																				1	1319,31
Fan	1101981																				1	365,46
Fan motor	2101864	1	1	1	1	1																23,84
Fan blade	2101865	1	1	1	1	1																5,72
Fan diffuser	2101863	1	1	1	1	1																11,53
Hot gas by-pass valve	2204737	1	1	1	1	1	1	1	1													125,19
	2204746									1	1											173,34
	2204736											1	1									173,34
	2204748													1	1	1						370,76
	2204749																1	1	1			587,43
Expansion valve	2204771																				1	568,17
Expansion valve connector	2204773																				1	30,77
Filter	2101578	1	1	1	1																	2,50
	2100441					1	1															3,42
	2100597							1	1													4,04
	2101609									1	1											4,82
	2300921											1	1	1	1							24,08
	2300922															1	1	1	1			37,94
	2300925																				1	110,94
Fan regulation pressure switch	3000412								1*	1	1	1	1	1	1	1	1	1	1	1	1	101,69
Fan regulator pressure switch kit for serial number till 21RD003131	2060070								1*	1	1	1	1	1	1	1	1	1	1	1	1	149,65
High pressure switch	3001154													1	1	1	1	1	1	1	1	46,80
Low pressure switch	3001388													1	1	1	1	1	1	1	1	46,66
RDC 2 Controller	2101826	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	75,73
Pressure transducer PPO11	2101898																				1	244,99
PT1000 probe PMT6-67	3000857																				1	28,07
XEV 22 D Dixell Driver	2101897																				1	336,86
NTC temperature probe 1m	4001120	3	3	3	3	3	3	3	3	3	3	3										12,13
NTC temperature probe 2m	4001141													3	3	3	3	3	3	3	3	14,21
Main 1 - phase Switch	1219579	1	1	1	1	1	1	1	1	1	1	1	1									11,44
Main 3 - phase Switch	3001135													1	1	1	1	1	1	1		66,45
	3001156																				1	37,36
Main 3 - phase Switch - handle	3001136													1	1	1	1	1	1	1	1	9,15
Electronic drain	3400860	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	149,64
1 - phase circuit breaker	3003681													1	1	1	1	1	1	1	1	15,46
3 - phase circuit breaker	3003715													1	1	1	1	1	1	1		41,99
	3003713																				1	41,99
Phase protection relay	3003527																				1	162,07
Contactor	3001134													1	1	1	1	1	1	1		41,93
	3001162																				1	63,56
Motor protection	3003680													1								68,80
	3003682														1	1	1					68,80
	3003683																1	1				74,34
	3003695																				1	74,34
	3003699																				1	68,80

* Included till serial number 22RD000277

RDL

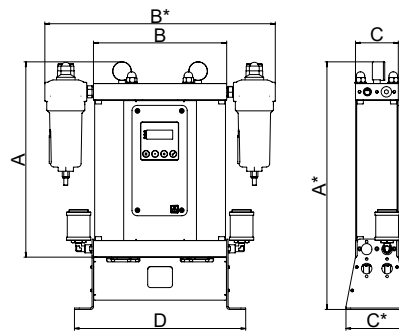
SERVIS PARTS

DESCRIPTION	Part Number	RDL					Gross Price EUR
		35	75	100	180	235	
Compresor	1401369					1	263,17
	1401417				1		253,65
	1401437		1	1			192,60
	1401365	1					190,57
3-in-1 heat exchanger	2001358					1	400,79
	2001357				1		325,35
	2001901			1			235,74
	2001900		1				216,88
	2001356	1					151,28
Fan & condenser pack	2101729				1	1	196,18
Condenser	2101839			1			101,12
	2101822	1	1				77,04
Fan	3514148	1	1	1			58,99
Fan - motor	2101864	1	1	1			23,84
Fan - diffuser	2101863	1	1	1			11,53
Fan - blade	2101865	1	1	1			5,72
Refrigerant filter	2100597				1	1	4,04
	2101578	1	1	1			2,50
Condensate drain	321900865	1	1	1	1	1	114,14
RDC 3 controller	2101971	1	1	1	1	1	82,05
NTC - temperature probe	4001120	2	2	2	2	2	5,35
Main power switch	1219579	1	1	1	1	1	11,44

A-DRY

HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS

operating pressure

4-16 bar


INCLUDED

- pre-filter with automatic drain AOK 16B and manometer PDI 16
- after-filter with manual drain MCD and manometer PDI 16
- controller includes standard connection for dew point sensor (sensor is not included).

TECHNICAL DATA & PRICES

PG/9

Model	Connection IN/OUT inch	Nominal volume flow		Dimensions							Mass kg	CODE	Gross Price EUR
		Inlet ¹⁾ m ³ /h	Outlet ²⁾ m ³ /h	A mm	A* mm	B mm	B* mm	C mm	C* mm	D mm			
A-DRY 06	G3/8	6	4,7	339	520	280	480	100	130	354	10,5	12000289	1.742,36
A-DRY 12	G3/8	12	9,5	573	715	280	480	100	130	354	13,5	12000294	1.921,72
A-DRY 24	G3/8	24	19	1.041	1.105	280	480	100	130	354	19	12000306	2.318,87
A-DRY 36	G3/8	36	28,4	1.364	1.500	280	480	100	130	354	27,5	12000307	2.754,47
A-DRY 60	G3/4	60	47,4	972	1.105	370	570	148	170	434	45	12000308	3.126,01
A-DRY 75	G3/4	75	59,3	1.167	1.300	370	570	148	170	434	53	12000309	3.433,46
A-DRY 105	G3/4	105	83	1.567	1.700	370	570	148	170	434	70	12000310	3.933,11
A-DRY 150	G1	150	118,5	1.345	1.440	440	725,5	198	240	570	170,5	12000356	5.572,99
A-DRY 200	G1	200	158	1.538	1.655	440	725,5	198	240	570	182,2	12000357	5.970,13

¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C

²⁾ Outlet flow refers to typical assumption during regeneration phase for operating at nominal inlet flow conditions. Outlet flow includes average air losses of approximately 17,3 %.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Inlet temperature [°C]	25	30	35	40	45	50
Correction factor	1,00	1,00	1,00	0,97	0,87	0,80

DEW POINT - CORRECTION FACTORS - C_D

[°C]	-25	-40	-70
C _D	1,1	1	0,7

A-DRY

SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- valve set
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- valve set
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
A-DRY 06-36	12/36/60	12001341	187,19
A-DRY 60-75	12/36/60	12001342	199,26
A-DRY 105	12/36/60	12001351	247,57
A-DRY 150-200	12/36/60	12001352	301,90

SERVICE KITS 24 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
A-DRY 06	24	12001196	609,85
A-DRY 12	24	12001197	609,85
A-DRY 24	24	12001198	609,85
A-DRY 36	24	12001199	609,85
A-DRY 60	24	12001200	679,89
A-DRY 75	24	12001201	679,89
A-DRY 105	24	12001202	679,89
A-DRY 150	24	12001203	754,76
A-DRY 200	24	12001204	754,76

SERVICE KITS 48 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
A-DRY 06	48	12001187	815,14
A-DRY 12	48	12001188	899,67
A-DRY 24	48	12001189	1.062,69
A-DRY 36	48	12001190	1.213,65
A-DRY 60	48	12001191	1.503,47
A-DRY 75	48	12001192	1.660,46
A-DRY 105	48	12001193	1.920,08
A-DRY 150	48	12001194	2.771,45
A-DRY 200	48	12001195	3.260,53

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.0*		347,75
Controller ADC 2.2**	3401951	1.254,22
A-DRY 06-36 wall mounting kit**	12001549	110,36

REMARK:

* Controller with communication options (Modbus TCP/IP), Profinet TCP/IP, Web service access).

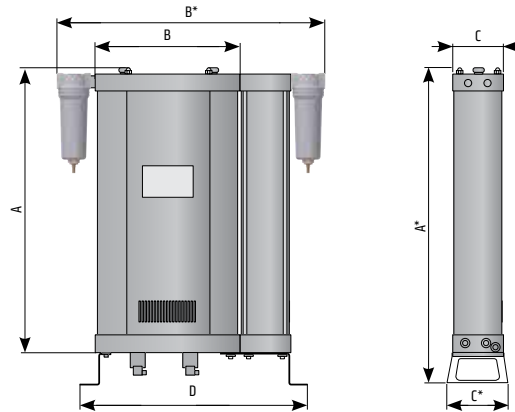
** Controller with 4-20 mA output for dewpoint and communication options (Modbus TCP/IP, Profinet TCP/IP, Web service access).

A-DRY TAC

ADSORPTION COMPRESSED AIR DRYERS WITH ACTIVATED CARBON TOWER

operating pressure

4-16 bar



INCLUDED

- pre-filter with automatic drain AOK 16B and manometer PDI 16 (are not mounted),
- after-filter with manual drain MCD and manometer PDI 16 (are not mounted),
- controller includes standard connection for dew point sensor (sensor is not included).

TECHNICAL DATA & PRICES

PG/9

Model	Connection IN/OUT inch	Nominal volume flow		Dimensions							Mass kg	CODE	Gross Price EUR
		Inlet ¹ m ³ /h	Outlet ² m ³ /h	A mm	A* mm	B mm	B* mm	C mm	C* mm	D mm			
A-DRY TAC 06	G3/8	6	4,7	520	492	370	470	100	130	444	15	12000566	2.234,06
A-DRY TAC 12	G3/8	12	9,5	715	687	370	470	100	130	444	19,3	12000567	2.517,86
A-DRY TAC 24	G3/8	24	19	1.105	1.077	370	470	100	130	444	27,1	12000568	3.127,68
A-DRY TAC 36	G3/8	36	28,4	1.500	1.467	370	470	100	130	444	39,3	12000569	3.773,76
A-DRY TAC 60	G3/4	60	47,4	1.105	1.077	500	615	148	160	573	64,3	12000570	4.673,42
A-DRY TAC 75	G3/4	75	59,3	1.300	1.272	500	615	148	160	573	75,7	12000571	5.204,77
A-DRY TAC 105	G1	105	83	1.700	1.672	500	615	148	160	573	100	12000572	6.140,67
A-DRY TAC 150	G1	150	118,5	1.440	1.440	440	948	198	240	570	243,6	12001783	8.084,90
A-DRY TAC 200	G1	200	158	1.655	1.655	440	948	198	240	570	260,3	12001784	8.688,70

⁽¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C

⁽²⁾ Outlet flow refers to typical assumption during regeneration phase for operating at nominal inlet flow conditions. Outlet flow includes average air losses of approximately 17,3 %.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Inlet temperature [°C]	25	30	35	40	45	50
Correction factor	1,00	1,00	1,00	0,97	0,87	0,80

DEW POINT - CORRECTION FACTORS - C_D

[°C]	-25	-40	-70
C _D	1,1	1	0,7

A-DRY TAC

SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- adsorbent (carbon tower)
- packaging

Service kit - 24 months

- elements
- silencers
- valve set
- adsorbent (carbon tower)
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- valve set
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
A-DRY TAC 06	12/36/60	12001503	299,34
A-DRY TAC 12	12/36/60	12001504	394,36
A-DRY TAC 24	12/36/60	12001505	581,74
A-DRY TAC 36	12/36/60	12001520	767,81
A-DRY TAC 60	12/36/60	12001521	808,90
A-DRY TAC 75	12/36/60	12001522	948,78
A-DRY TAC 105	12/36/60	12001523	1.296,63
A-DRY TAC 150	12/36/60	12001775	1.437,04
A-DRY TAC 200	12/36/60	12001776	1.618,18

SERVICE KITS 24 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
A-DRY TAC 06	24	12001506	722,00
A-DRY TAC 12	24	12001507	817,02
A-DRY TAC 24	24	12001508	1.004,40
A-DRY TAC 36	24	12001509	1.190,47
A-DRY TAC 60	24	12001510	1.289,53
A-DRY TAC 75	24	12001511	1.429,41
A-DRY TAC 105	24	12001512	1.728,95
A-DRY TAC 150	24	12001777	1.889,90
A-DRY TAC 200	24	12001778	2.071,04

SERVICE KITS 48 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
A-DRY TAC 06	48	12001513	927,29
A-DRY TAC 12	48	12001514	1.106,84
A-DRY TAC 24	48	12001515	1.457,24
A-DRY TAC 36	48	12001516	1.794,27
A-DRY TAC 60	48	12001517	2.113,11
A-DRY TAC 75	48	12001518	2.409,98
A-DRY TAC 105	48	12001519	2.969,14
A-DRY TAC 150	48	12001779	3.906,59
A-DRY TAC 200	48	12001780	4.576,81

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.0*		347,75
Controller ADC 2.2**	3401951	1.254,22
A-DRY TAC 06-36 wall mounting kit**	12001549	110,36

REMARK:

* Controller with communication options (Modbus TCP/IP), Profinet TCP/IP, Web service access).

** Controller with 4-20 mA output for dewpoint and communication options (Modbus TCP/IP, Profinet TCP/IP, Web service access).

A-DRY BM

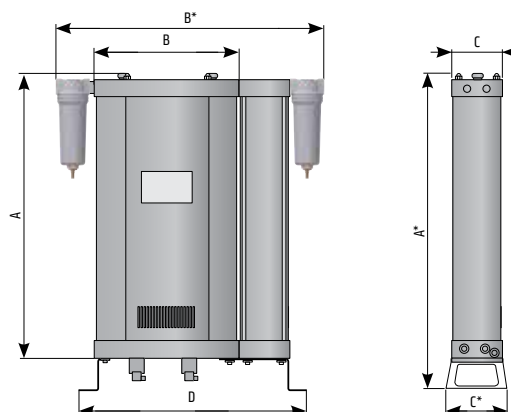
HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS

operating pressure

4-16 bar

INCLUDED

- pre-filter with automatic drain AOK 16B and manometer PDI 16 (are not mounted),
- after-filter with manual drain MCD and manometer PDI 16 (are not mounted),
- controller includes standard connection for dew point sensor (sensor is not included).



TECHNICAL DATA & PRICES

PG/9

Model	Connection IN / OUT "	Nominal volume flow		Dimensions							Mass kg	CODE	Gross price EUR
		Inlet ¹⁾ m ³ /h	Outlet ²⁾ m ³ /h	A mm	A* mm	B mm	B* mm	C mm	C* mm	D mm			
A-DRY-BM 06	G3/8	6	4,7	520	492	370	470	100	130	444	15	12000635	3.557,35
A-DRY-BM 12	G3/8	12	9,5	715	687	370	470	100	130	444	19,3	12000636	3.893,20
A-DRY-BM 24	G3/8	24	19	1.105	1.077	370	470	100	130	444	27,1	12000637	4.515,10
A-DRY-BM 36	G3/8	36	28,4	1.495	1.467	370	470	100	130	444	39,3	12000638	4.857,16
A-DRY-BM 60	G3/4	60	47,4	1.105	1.077	500	615	148	160	573	64,3	12000639	6.430,60
A-DRY-BM 75	G3/4	75	59,3	1.300	1.272	500	615	148	160	573	75,7	12000640	7.083,60
A-DRY-BM 105	G3/4	117	83	1.700	1.672	500	615	148	160	573	100	12000641	8.557,55
A-DRY-BM 150	G1	150	118,5	1.440	1.440	440	948	148	240	570	243,6	12000642	11.061,64
A-DRY-BM 200	G1	200	158	1.655	1.655	440	948	148	240	570	260,3	12000643	12.051,87

¹⁾ Refers to 1bar(a) and 20°C at 7 bar operating pressure, inlet temperature 35°C and pressure dew point at outlet -40°C.

²⁾ Outlet flow refers to typical assumption during regeneration phase for operating at nominal inlet flow conditions. Outlet flow includes average air losses of approximately 17,3 %.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Inlet temperature [°C]	25	30	35	40	45	50
Correction factor	1,00	1,00	1,00	0,97	0,87	0,80

DEW POINT - CORRECTION FACTORS - C_D

[°C]	-25	-40	-70
C _D	1,1	1	0,7

A-DRY BM SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- adsorbent (breathing air tower)
- packaging

Service kit - 24 months

- elements
- silencers
- valve set
- adsorbent (breathing air tower)
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- valve set
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
A-DRY BM 06	12/36/60	12001496	398,51
A-DRY BM 12	12/36/60	12001497	623,13
A-DRY BM 24	12/36/60	12001498	821,17
A-DRY BM 36	12/36/60	12001499	1.098,92
A-DRY BM 60	12/36/60	12001500	1.817,45
A-DRY BM 75	12/36/60	12001501	2.185,76
A-DRY BM 105	12/36/60	12001502	2.952,59
A-DRY BM 150	12/36/60	12001781	5.373,83
A-DRY BM 200	12/36/60	12001782	5.977,63

SERVICE KITS 24 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
A-DRY BM 06	24	12000644	821,17
A-DRY BM 12	24	12000645	1.045,79
A-DRY BM 24	24	12000646	1.243,83
A-DRY BM 36	24	12000647	1.521,58
A-DRY BM 60	24	12000648	2.310,15
A-DRY BM 75	24	12000649	2.666,39
A-DRY BM 105	24	12000650	3.433,22
A-DRY BM 150	24	12000651	5.826,69
A-DRY BM 200	24	12000652	6.430,49

SERVICE KITS 48 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
A-DRY BM 06	48	12000653	1.026,46
A-DRY BM 12	48	12000654	1.335,61
A-DRY BM 24	48	12000655	1.696,69
A-DRY BM 36	48	12000656	2.125,38
A-DRY BM 60	48	12000657	3.133,73
A-DRY BM 75	48	12000658	3.646,96
A-DRY BM 105	48	12000659	4.673,42
A-DRY BM 150	48	12000660	7.843,38
A-DRY BM 200	48	12000661	8.936,25

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.0*		347,75
Controller ADC 2.2**	3401951	1.254,22
A-DRY BM 06-36 wall mounting kit**	12001549	110,36
BM sensing panel (includes O ₂ , CO, CO ₂ monitoring)	2001178	7.112,77

REMARK:

* Controller with communication options (Modbus TCP/IP, Profinet TCP/IP, Web service access).

** Controller with 4-20 mA output for dewpoint and communication options (Modbus TCP/IP, Profinet TCP/IP, Web service access).

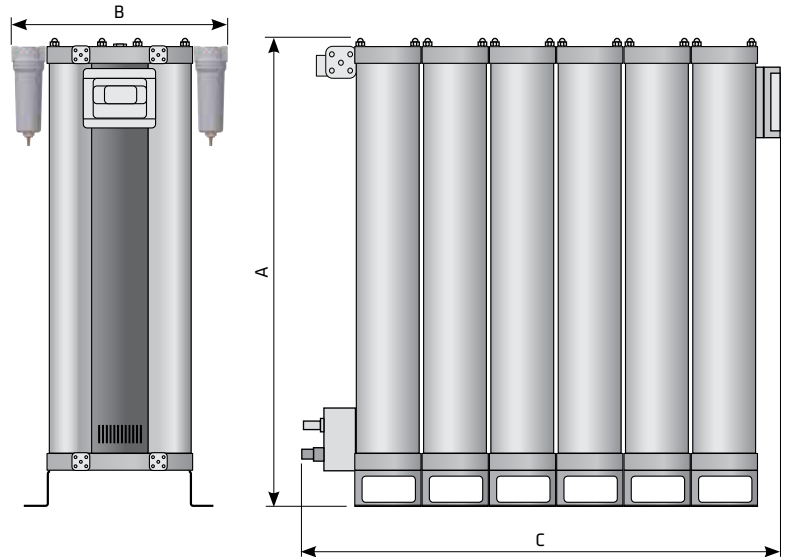


BM sensing panel (includes O₂, CO, CO₂ monitoring)

X-DRY

HEATLESS REGENERATION MODULAR ADSORPTION COMPRESSED AIR DRYERS

operating pressure

4-16 bar**INCLUDED**

- pre-filter with automatic drain AOK 16B and manometer MDM 40,
- after-filter with manual drain MCO and manometer MDM 40.
- controller includes standard connection for dew point sensor (sensor is not included).

TECHNICAL DATA & PRICES

PG/9

Model	Connection IN/OUT ²	Nominal volume flow		Dimensions			Mass kg	CODE	Gross Price EUR
		Inlet ¹ m ³ /h	Outlet	A mm	B mm	C mm			
X-DRY 300	G 1	300	237	1.520	749	686	350	12000492	15.309,69
X-DRY 450	G 1 ½	450	355,5	1.520	749	886	520	12000493	20.113,98
X-DRY 600	G 1 ½	600	474	1.520	749	1.086	690	12000494	24.918,27
X-DRY 750	G 2	750	592,5	1.520	749	1.286	860	12000495	29.722,57
X-DRY 900	G 2	900	711	1.520	749	1.486	1.030	12000496	34.526,87
X-DRY 1050	G 2	1.050	829,5	1.520	749	1.686	1.200	12000497	39.331,15

⁽¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C

⁽²⁾ Refers to inlet and outlet filter housing.

OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Inlet temperature [°C]	25	30	35	40	45	50	60
Correction factor	1,00	1,00	1,00	0,97	0,87	0,80	0,51

DEW POINT - CORRECTION FACTORS - C

[°C]	-25	-40	-70
C _p	1,1	1	0,7

X-DRY SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencer
- valve set
- sealings
- packaging

Service kit - 48 months

- elements
- silencer
- valve set
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
X-DRY 300	12/36/60	12001468	507,19
X-DRY 450	12/36/60	12001469	537,39
X-DRY 600	12/36/60	12001470	597,77
X-DRY 750	12/36/60	12001471	597,77
X-DRY 900	12/36/60	12001472	652,10
X-DRY 1050	12/36/60	12001473	700,41

SERVICE KITS 24 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
X-DRY 300	24	12000412	2.656,72
X-DRY 450	24	12000413	2.680,87
X-DRY 600	24	12000414	2.741,25
X-DRY 750	24	12000415	2.741,25
X-DRY 900	24	12000416	2.837,86
X-DRY 1050	24	12000417	2.910,33

SERVICE KITS 48 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
X-DRY 300	48	12000418	3.957,93
X-DRY 450	48	12000419	4.732,18
X-DRY 600	48	12000420	5.472,34
X-DRY 750	48	12000421	6.217,25
X-DRY 900	48	12000422	7.008,71
X-DRY 1050	48	12000423	7.829,19

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.2 (an upgrade from ADC 2.0)*		850,65

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP,
- Web service access.

* Controller with 4-20 mA output for dew point and communication options (Modbus TCP/IP), Profinet TCP/IP, Web service access)

B-DRY

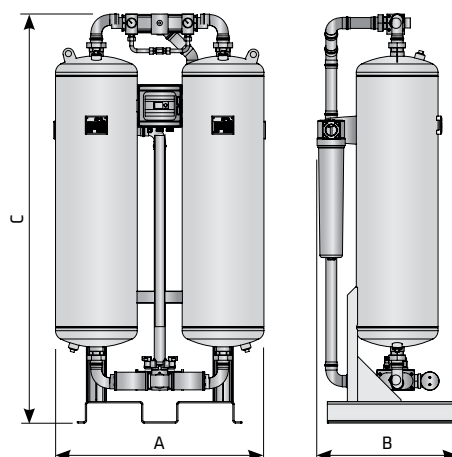
HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS

operating pressure

4-16 bar

INCLUDED

- pre-filter with automatic drain AOK 16B and manometer MDM 40,
- after-filter with manual drain MCD and manometer MDM 40.
- controller includes standard connection for dew point sensor (sensor is not included).


TECHNICAL DATA & PRICES

Model	Connection IN/OUT	Nominal volume flow		Dimensions			Mass kg	CODE	Gross Price EUR
		Inlet ¹ m ³ /h	Outlet ² m ³ /h	A mm	B mm	C mm			
B-DRY 110	G1	110	86,0	719±5	422	1.647	140	12000318	6.661,95
B-DRY 150	G1	150	117,5	707±5	422	1.897	156	12000319	7.110,36
B-DRY 200	G1	200	157,0	707±5	471	1.664	196	12000320	7.526,73
B-DRY 250	G1	260	204,0	707±5	471	1.914	236	12000321	9.736,70
B-DRY 300	G1 1/2	320	251,0	860±5	535	1.742	274	12000322	10.703,97
B-DRY 400	G1 1/2	410	321,5	854±5	535	1.989	295	12000323	11.722,49
B-DRY 600	G1 1/2	590	462,5	854±5	671	2.051	392	12000324	14.284,78
B-DRY 800	G2	770	603,5	1.051±10	701	2.080	507	12000325	16.334,60
B-DRY 1000	G2	1.000	784,0	1.051±10	701	2.140	597	12000326	19.025,02
B-DRY 1200	G2	1.152	903,2	1.207±10	701	2.185	TBA	12000927	23.197,43

¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C.

²⁾ Outlet flow refers to typical assumption during regeneration phase for operating at nominal inlet flow conditions. Outlet flow includes average air losses of approximately 17,3 %.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor C _{OP}	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Operat. temperature [°C]	25	30	35	40	45	50	55	60
Operat. temperature [°F]	77	86	95	104	113	122	131	140
Correction factor C _{OT}	1	1	1	0,97	0,87	0,80	0,64	0,51

DEW POINT - CORRECTION FACTORS - C_D

Operat. temperature [°C]	-25	-40	-70
Operat. temperature [°F]	-13	-40	-94
Correction factor C _D	1,1	1	0,7

B-DRY

SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencer
- valve set
- sealings
- packaging

Service kit - 48 months

- elements
- silencer
- valve set
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
B-DRY 110-150	12/36/60	12001400	295,87
B-DRY 200-250	12/36/60	12001401	320,02
B-DRY 300-400	12/36/60	12001402	470,96
B-DRY 600	12/36/60	12001403	507,19
B-DRY 800-1000	12/36/60	12001404	634,00
B-DRY 1200	12/36/60	12001418	688,33

SERVICE KITS 24 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
B-DRY 110-150	24	12000400	1.757,07
B-DRY 200-250	24	12001419	1.799,32
B-DRY 300-400	24	12000401	2.493,70
B-DRY 600	24	12001420	2.535,96
B-DRY 800-1000	24	12000402	2.699,00
B-DRY 1200	24	12001421	2.711,07

SERVICE KITS 48 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
B-DRY 110	48	12000403	2.372,94
B-DRY 150	48	12000404	2.529,93
B-DRY 200	48	12000405	2.819,76
B-DRY 250	48	12000406	3.061,28
B-DRY 300	48	12000407	4.069,62
B-DRY 400	48	12000408	4.425,86
B-DRY 600	48	12000409	5.367,79
B-DRY 800	48	12000410	6.188,97
B-DRY 1000	48	12000411	7.142,97
B-DRY 1200	48	12000928	7.994,32

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.2 (an upgrade from ADC 2.0)*		850,65

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP,
- Web service access.

* Controller with 4-20 mA output for dew point and communication options (Modbus TCP/IP), Profinet TCP/IP, Web service access)

B-DRY TAC

HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS WITH ACTIVATED CARBON TOWER

operating pressure

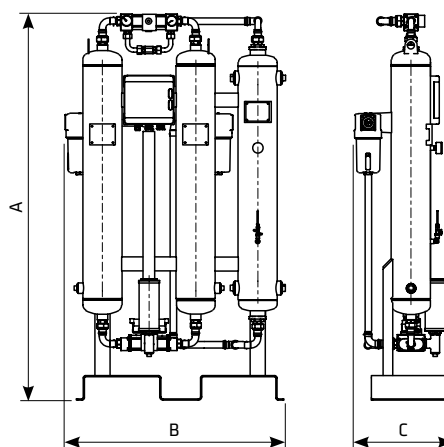
4-16 bar



INCLUDED

- pre-filter with automatic drain AOK 16B and manometer MDM 40,
- after-filter with manual drain MCD and manometer MDM 40.
- controller includes standard connection for dew point sensor (sensor is not included).

TECHNICAL DATA & PRICES									PG/9
Model	Connection IN/OUT "	Nominal volume flow		Dimensions			Mass kg	CODE	Gross Price
		Inlet ¹⁾ m ³ /h	Outlet ²⁾ m ³ /h	A mm	B mm	C mm			EUR
B-DRY TAC 110	G1	110	86,0	1.647	945	422	190	12001800	10.578,60
B-DRY TAC 150	G1	150	117,5	1.897	945	422	215	12001801	11.206,55
B-DRY TAC 200	G1	200	157,0	1.664	1.045	471	275	12001802	11.828,46
B-DRY TAC 250	G1	260	204,0	1.914	1.045	471	325	12001803	14.219,52
B-DRY TAC 300	G1 1/2	320	251,0	1.742	1.230	535	380	12001804	15.662,60
B-DRY TAC 400	G1 1/2	410	321,5	1.989	1.230	535	415	12001805	17.160,03
B-DRY TAC 600	G1 1/2	590	462,5	2.051	1.370	671	562	12001806	20.432,62
B-DRY TAC 800	G2	770	603,5	2.080	1.520	701	718	12001807	23.512,01
B-DRY TAC 1000	G2	1.000	784,0	2.140	1.615	701	851	12001808	27.207,28
B-DRY TAC 1200	G2	1.152	903,2	2.185	1.805	701	1.020	12001809	35.189,52



¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C

²⁾ Outlet flow refers to typical assumption during regeneration phase for operating at nominal inlet flow conditions. Outlet flow includes average air losses of approximately 17,3 %.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor C _{OP}	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Operat. temperature [°C]	25	30	35	40	45	50	55	60
Operat. temperature [°F]	77	86	95	104	113	122	131	140
Correction factor C _{OT}	1	1	1	0,97	0,87	0,80	0,64	0,51

DEW POINT - CORRECTION FACTORS - C_D

Operat. temperature [°C]	-25	-40	-70
Operat. temperature [°F]	-13	-40	-94
Correction factor C _D	1,1	1	0,7

B-DRY TAC

SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencer
- non-return valve
- sealings
- packaging

Service kit - 48 months

- elements
- silencer
- valve set
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
B-DRY TAC 110	12/36/60	12001830	519,75
B-DRY TAC 150	12/36/60	12001831	575,72
B-DRY TAC 200	12/36/60	12001832	606,10
B-DRY TAC 250	12/36/60	12001833	724,26
B-DRY TAC 300	12/36/60	12001834	887,65
B-DRY TAC 400	12/36/60	12001835	1.012,03
B-DRY TAC 600	12/36/60	12001836	1.297,02
B-DRY TAC 800	12/36/60	12001837	1.672,59
B-DRY TAC 1000	12/36/60	12001838	1.921,36
B-DRY TAC 1200	12/36/60	12001839	2.218,24

SERVICE KITS 24 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
B-DRY TAC 110	24	12001840	1.980,96
B-DRY TAC 150	24	12001841	2.036,92
B-DRY TAC 200	24	12001842	2.085,41
B-DRY TAC 250	24	12001843	2.203,57
B-DRY TAC 300	24	12001844	2.910,38
B-DRY TAC 400	24	12001845	3.034,77
B-DRY TAC 600	24	12001846	3.325,80
B-DRY TAC 800	24	12001847	3.737,60
B-DRY TAC 1000	24	12001848	3.986,36
B-DRY TAC 1200	24	12001849	4.240,99

SERVICE KITS 48 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
B-DRY TAC 110	48	12001850	2.596,83
B-DRY TAC 150	48	12001851	2.809,79
B-DRY TAC 200	48	12001852	3.105,84
B-DRY TAC 250	48	12001853	3.465,52
B-DRY TAC 300	48	12001854	4.486,31
B-DRY TAC 400	48	12001855	4.966,93
B-DRY TAC 600	48	12001856	6.157,63
B-DRY TAC 800	48	12001857	7.227,56
B-DRY TAC 1000	48	12001858	8.430,34
B-DRY TAC 1200	48	12001859	9.524,23

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.2 (an upgrade from ADC 2.0)*		850,65

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP,
- Web service access.

* Controller with 4-20 mA output for dew point and communication options (Modbus TCP/IP), Profinet TCP/IP, Web service access)

B-DRY BM

HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS

operating pressure

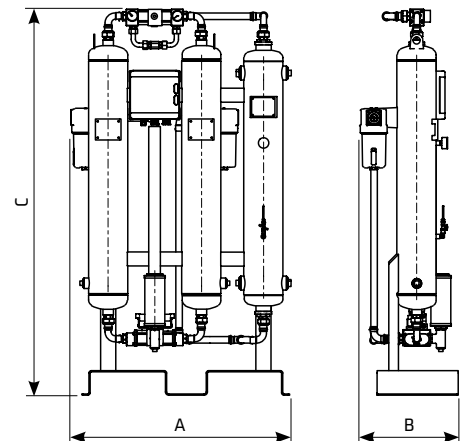
4-16 bar**INCLUDED**

- pre-filter with automatic drain AOK 16B and manometer MDM 40,
- after-filter with manual drain MCD and manometer MDM 40.
- controller includes standard connection for dew point sensor (sensor is not included).

TECHNICAL DATA & PRICES

PG/9

Model	Connection IN/OUT "	Nominal volume flow		Dimensions			Mass kg	CODE	Gross Price EUR
		Inlet ¹ m ³ /h	Outlet ² m ³ /h	A mm	B mm	C mm			
B-DRY BM 110	G1	110	86	1.647	945	422	190	12001820	11.435,99
B-DRY BM 150	G1	150	117,5	1.897	945	422	215	12001821	12.275,28
B-DRY BM 200	G1	200	157,0	1.664	1.045	471	275	12001822	13.380,23
B-DRY BM 250	G1	260	204,0	1.914	1.045	471	325	12001823	16.193,95
B-DRY BM 300	G1 1/2	320	251,0	1.742	1.230	535	380	12001824	18.011,38
B-DRY BM 400	G1 1/2	410	321,5	1.989	1.230	535	415	12001825	20.154,87
B-DRY BM 600	G1 1/2	590	462,5	2.051	1.370	671	562	12001826	24.936,98
B-DRY BM 800	G2	770	603,5	2.080	1.520	701	718	12001827	29.091,13
B-DRY BM 1000	G2	1.000	784,0	2.140	1.615	701	851	12001828	34.489,12
B-DRY BM 1200	G2	1.152	903,2	2.185	1.805	701	1.020	12001829	45.623,21



⁽¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C

⁽²⁾ Outlet flow refers to typical assumption during regeneration phase for operating at nominal inlet flow conditions. Outlet flow includes average air losses of approximately 17,3 %.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

OPERATING PRESSURE - CORRECTION FACTORS - C_{op}

Operating pressure [bar]	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor C_{op}	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Operat. temperature [°C]	25	30	35	40	45	50	55	60
Operat. temperature [°F]	77	86	95	104	113	122	131	140
Correction factor C_{OT}	1	1	1	0,97	0,87	0,80	0,64	0,51

DEW POINT - CORRECTION FACTORS - C_D

Operat. temperature [°C]	-25	-40	-70
Operat. temperature [°F]	-13	-40	-94
Correction factor C_D	1,1	1	0,7

B-DRY BM

SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- adsorbent (breathing air tower)
- packaging

Service kit - 24 months

- elements
- silencer
- valve set
- adsorbent (breathing air tower)
- sealings
- packaging

Service kit - 48 months

- elements
- silencer
- valve set
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
B-DRY BM 110	12/36/60	12001860	1.376,66
B-DRY BM 150	12/36/60	12001861	1.648,38
B-DRY BM 200	12/36/60	12001862	2.149,53
B-DRY BM 250	12/36/60	12001863	2.692,95
B-DRY BM 300	12/36/60	12001864	3.242,42
B-DRY BM 400	12/36/60	12001865	4.009,24
B-DRY BM 600	12/36/60	12001866	5.790,45
B-DRY BM 800	12/36/60	12001867	7.239,58
B-DRY BM 1000	12/36/60	12001868	9.201,93
B-DRY BM 1200	12/36/60	12001869	11.429,95

SERVICE KITS 24 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
B-DRY BM 110	24	12001870	2.837,86
B-DRY BM 150	24	12001871	3.115,62
B-DRY BM 200	24	12001872	3.616,77
B-DRY BM 250	24	12001873	4.178,31
B-DRY BM 300	24	12001874	5.265,15
B-DRY BM 400	24	12001875	6.031,98
B-DRY BM 600	24	12001876	7.825,26
B-DRY BM 800	24	12001877	9.310,62
B-DRY BM 1000	24	12001878	11.272,97
B-DRY BM 1200	24	12001879	13.452,68

SERVICE KITS 48 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
B-DRY BM 110	48	12001880	3.453,75
B-DRY BM 150	48	12001881	3.882,44
B-DRY BM 200	48	12001882	4.649,27
B-DRY BM 250	48	12001883	5.434,21
B-DRY BM 300	48	12001884	6.841,07
B-DRY BM 400	48	12001885	7.964,14
B-DRY BM 600	48	12001886	10.657,09
B-DRY BM 800	48	12001887	12.794,55
B-DRY BM 1000	48	12001888	15.722,98
B-DRY BM 1200	48	12001889	18.735,95

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.2 (an upgrade from ADC 2.0)*		850,65
BM sensing panel (includes O ₂ , CO, CO ₂ monitoring)	2001178	7.112,77

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP,
- Web service access.

* Controller with 4-20 mA output for dew point and communication options (Modbus TCP/IP), Profinet TCP/IP, Web service access)



BM sensing panel (includes O₂, CO, CO₂ monitoring).

F-DRY

HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS

operating pressure

4-16 bar

INCLUDED

- pre-filter* with automatic drain AOK 20B and manometer MDM 40 (F-DRY 1200-2500), MDA 60 (F-DRY 3000-6500),
- after-filter* with manual drain MCD and manometer MDM 40 (F-DRY 1200-2500), MDA 60 (F-DRY 3000-6500).
- controller includes standard connection for dew point sensor (sensor is not included).

*Filters are not mounted.

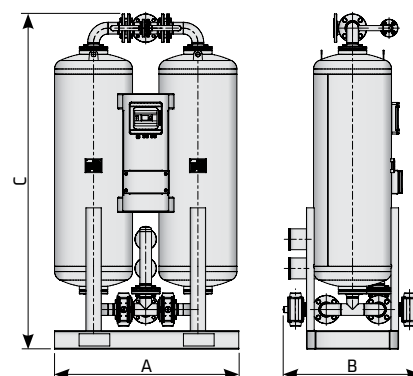
TECHNICAL DATA & PRICES

Model	Connection IN/OUT DN	Nominal volume flow		Dimensions			Mass kg	CODE	PG/9	
		Inlet ¹⁾ m ³ /h	Outlet ²⁾ m ³ /h	A mm	B mm	C mm			Gross price EUR	
F-DRY 1200	DN50	1.200	936	1.210	770	2.200	820	12000334	26.839,99	
F-DRY 1500	DN65	1.500	1.170	1.550	860	2.225	980	12000335	30.235,02	
F-DRY 2000	DN65	2.000	1.560	1.690	860	2.400	1.550	12000336	37.089,15	
F-DRY 2500	DN80	2.500	1.950	1.700	960	2.400	1.680	12000337	42.662,13	
F-DRY 3000	DN80	3.000	2.340	1.875	950	2.400	1.850	12000338	47.594,54	
F-DRY 3750	DN100	3.750	2.925	2.030	1.010	2.510	2.300	12000339	54.833,00	
F-DRY 5000	DN100	5.000	3.900	2.240	1.160	2.650	2.850	12000340	65.274,34	
F-DRY 6500	DN125	6.500	5.070	2.420	1.250	2.730	3.750	12000341	81.288,65	

¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C

²⁾ Outlet flow refers to typical assumption during regeneration phase for operating at nominal inlet flow conditions. Outlet flow includes average air losses of approximately 17,3 %.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.



OPERATING PRESSURE - CORRECTION FACTORS - COP

Operating pressure [bar]	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor C_{op}	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

OPERATING TEMPERATURE - CORRECTION FACTORS - COT

Operat. temperature [°C]	25	30	35	40	45	50	55	60
Operat. temperature [°F]	77	86	95	104	113	122	131	140
Correction factor C_{ot}	1	1	1	0,97	0,87	0,80	0,64	0,51

DEW POINT - CORRECTION FACTORS - CD

Operat. temperature [°C]	-25	-40	-70
Operat. temperature [°F]	-13	-40	-94
Correction factor C_d	1,1	1	0,7

F-DRY SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencer
- non-return valve
- sealings
- packaging

Service kit - 48 months

- elements
- silencer
- non-return valve
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
F-DRY 1200	12/36/60	12001343	688,33
F-DRY 1500	12/36/60	12001344	718,53
F-DRY 2000	12/36/60	12001345	766,84
F-DRY 2500	12/36/60	12001346	1.008,36
F-DRY 3000	12/36/60	12001347	1.581,96
F-DRY 3750	12/36/60	12001348	1.986,51
F-DRY 5000	12/36/60	12001349	2.578,24
F-DRY 6500	12/36/60	12001350	3.133,73

SERVICE KITS 24 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
F-DRY 1200	24	12000424	1.557,80
F-DRY 1500	24	12000425	1.901,98
F-DRY 2000	24	12000426	2.240,11
F-DRY 2500	24	12000427	2.566,16
F-DRY 3000	24	12000428	3.133,73
F-DRY 3750	24	12000429	3.912,63
F-DRY 5000	24	12000430	4.661,35
F-DRY 6500	24	12000431	5.385,91

SERVICE KITS 48 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
F-DRY 1200	48	12000432	6.895,41
F-DRY 1500	48	12000433	7.565,63
F-DRY 2000	48	12000434	9.992,91
F-DRY 2500	48	12000435	12.317,54
F-DRY 3000	48	12000436	13.935,72
F-DRY 3750	48	12000437	18.029,50
F-DRY 5000	48	12000438	21.108,89
F-DRY 6500	48	12000439	32.436,19

SERVICE VALVE KITS		PG/9
TYPE	CODE	Gross price EUR
Service kit valve + actuator F-DRY 1200	12001442	1.424,97
Service kit valve + actuator F-DRY 1500-2000	12001443	1.455,17
Service kit valve + actuator F-DRY 2500-3000	12001444	1.485,35
Service kit valve + actuator F-DRY 3750-5000	12001445	1.823,48
Service kit valve + actuator F-DRY 6500	12001446	2.366,90

START-UP DEVICES			PG/9
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	F-DRY 1200	522,42
DN65	12000485	F-DRY 1500-2000	1.113,23
DN80	12000486	F-DRY 2500-3000	1.181,63
DN100	12000487	F-DRY 3750-5000	1.330,90
DN125	12000488	F-DRY 6500	1.722,70

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.2 (an upgrade from ADC 2.0)*		850,65
Testing in presence of the customer	1058	621,92 (net price)
Comming on site, excluding transport costs	1059	995,07/day (net price)

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP,
- Web service access.

* Controller with 4-20 mA output for dew point and communication options (Modbus TCP/IP), Profinet TCP/IP, Web service access)

COM-DRY

REFRIGERANT + ADSORPTION COMPRESSED AIR DRYERS

operating pressure

4-11 bar


INCLUDED

- pre-filter* with automatic drain AOK 16B and manometer PDI 16 (COM-DRY 06-75), MDM 40 (COM-DRY 110-3000), MDA 60 (COM-DRY 3750-6500),
- after-filter* with manual drain MCD and manometer PDI 16 (COM-DRY 06-75), MDM 40 (COM-DRY 110-3000), MDA 60 (COM-DRY 3750-6500),
- controller includes standard connection for dew point sensor (sensor is not included).

*Filters are not mounted on COM DRY models 1200-6500.

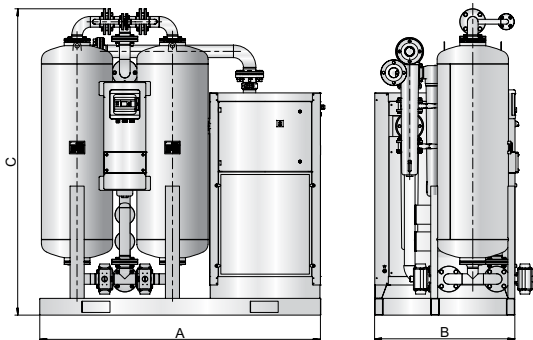
TECHNICAL DATA & PRICES

PG/9

Model	Connection IN/OUT inch	Nominal volume flow Inlet ¹⁾ m ³ /h	Adsorption dryer	Refrigeration dryer	Power kW	Volume l	CODE	Gross Price
								EUR
COM-DRY 06	G 3/8	6	A-DRY 06	RDP 20	0,15	2,6	12000372	5.252,69
COM-DRY 12	G 3/8	12	A-DRY 12	RDP 20	0,15	4,3	12000373	5.752,33
COM-DRY 24	G 3/8	24	A-DRY 24	RDP 35	0,16	7,8	12000374	6.264,80
COM-DRY 36	G 3/8	36	A-DRY 36	RDP 35	0,16	11,2	12000375	6.700,39
COM-DRY 60	G 1/2	60	A-DRY 60	RDP 75	0,21	19,9	12000376	7.212,85
COM-DRY 75	G 1/2	75	A-DRY 75	RDP 75	0,29	24,3	12000377	7.571,58
COM-DRY 110	G 1	110	B-DRY 110	RDP 140	0,39	20	12000378	12.055,57
COM-DRY 150	G 1	150	B-DRY 150	RDP 180	0,48	25	12000379	13.176,58
COM-DRY 200	G 1	200	B-DRY 200	RDP 235	0,71	36	12000380	13.733,88
COM-DRY 250	G 1	260	B-DRY 250	RDP 300	0,79	45	12000381	16.347,41
COM-DRY 300	G 1 1/2	320	B-DRY 300	RDP 380	0,82	57	12000382	18.736,74
COM-DRY 400	G 1 1/2	410	B-DRY 400	RDP 480	0,71	70	12000383	20.485,50
COM-DRY 600	G 1 1/2	590	B-DRY 600	RDP 600	1,4	102	12000384	25.488,38
COM-DRY 800	G 2	770	B-DRY 800	RDP 750	1,5	134	12000385	29.409,40
COM-DRY 1000	G 2	1.000	B-DRY 1000	RDP 1150	2,1	164	12000386	35.558,88
COM-DRY 1200	DN50	1.200	F-DRY 1200	RDP 1300	2,3	225	12000387	45.057,86
COM-DRY 1500	DN65	1.500	F-DRY 1500	RDP 1900	3,6	280	12000388	54.237,26
COM-DRY 2000	DN65	2.000	F-DRY 2000	RDP 2600	3,9	295	12000389	63.717,74
COM-DRY 2500	DN80	2.500	F-DRY 2500	RDP 2600	5,2	470	12000390	81.288,65
COM-DRY 3000	DN80	3.000	F-DRY 3000	RDP 3400	5,9	570	12000391	88.386,19
COM-DRY 3750	DN100	3.750	F-DRY 3750	RDP 4400	7,1	660	12000392	102.273,80
COM-DRY 5000	DN100	5.000	F-DRY 5000	RDP 5400	10,8	980	12000393	121.292,09
COM-DRY 6500	DN125	6.500	F-DRY 6500	RDP 6600	11,3	1.200	12000394	146.312,98

¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C.

Typically inlet temperature to adsorption dryer is 10°C lower than inlet temperature to refrigeration dryer. In case inlet temperature to refrigeration dryer is lower than 35°C demand for purge air increases.



CORRECTION FACTORS (ADSORPTION DRYERS)

Operating pressure [bar]	4	5	6	7	8	9	10	11
Correction factor	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50

CORRECTION FACTORS (ADSORPTION DRYERS)

Inlet temperature [°C]	25	30	35	40	45	50	55
Correction factor	1,00	1,00	1,00	0,97	0,87	0,80	0,64

DEW POINT (ADSORPTION DRYERS)

Temperature [°C]	-25	-40	-70
Correction factor C ₀	1,1	1	0,7

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES (REFRIGERATION DRYERS)

Operating pressure [bar]	4	5	6	7	8	10	12	14	16
Correction factor	0,77	0,86	0,93	1,00	1,05	1,14	1,21	1,27	1,32

CORRECTION FACTOR FOR DEW POINT CHANGES (REFRIGERATION DRYERS)

Temperature [°C]	3	5	7	10
Correction factor	1	1,1	1,21	1,39

CORRECTION FACTOR FOR INLET AIR TEMPERATURE CHANGES (REFRIGERATION DRYERS)

Temperature [°C]	≤25	30	35	40	45	50	55
Correction factor	1,2	1,12	1	0,83	0,69	0,59	0,5

CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGES (REFRIGERATION DRYERS)

Temperature [°C]	≤25	30	35	40	45
Correction factor	1	0,96	0,9	0,82	0,72

COM-DRY SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- valve set (non-return valves from COM-DRY 1200-6500)
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- valve set (non-return valves from COM-DRY 1200-6500)
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
COM-DRY 06-36	12/36/60	12001341	187,19
COM-DRY 60-75	12/36/60	12001342	199,26
COM-DRY 110-150	12/36/60	12001400	295,87
COM-DRY 200-250	12/36/60	12001401	320,02
COM-DRY 300-400	12/36/60	12001402	470,96
COM-DRY 600	12/36/60	12001403	507,19
COM-DRY 800-1000	12/36/60	12001404	634,00
COM-DRY 1200	12/36/60	12001343	688,33
COM-DRY 1500	12/36/60	12001344	718,53
COM-DRY 2000	12/36/60	12001345	766,84
COM-DRY 2500	12/36/60	12001346	1.008,36
COM-DRY 3000	12/36/60	12001347	1.581,96
COM-DRY 3750	12/36/60	12001348	1.986,51
COM-DRY 5000	12/36/60	12001349	2.578,24
COM-DRY 6500	12/36/60	12001350	3.133,73

SERVICE KITS 24 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
COM-DRY 06	24	12001196	609,85
COM-DRY 12	24	12001197	609,85
COM-DRY 24	24	12001198	609,85
COM-DRY 36	24	12001199	609,85
COM-DRY 60	24	12001200	679,89
COM-DRY 75	24	12001201	679,89
COM-DRY 110-150	24	12000400	1.757,07
COM-DRY 200-250	24	12001419	1.799,32
COM-DRY 300-400	24	12000401	2.493,70
COM-DRY 600	24	12001420	2.535,96
COM-DRY 800-1000	24	12000402	2.699,00
COM-DRY 1200	24	12000424	1.557,80
COM-DRY 1500	24	12000425	1.901,98
COM-DRY 2000	24	12000426	2.240,11
COM-DRY 2500	24	12000427	2.566,16
COM-DRY 3000	24	12000428	3.133,73
COM-DRY 3750	24	12000429	4.130,00
COM-DRY 5000	24	12000430	4.661,35
COM-DRY 6500	24	12000431	5.385,91

SERVICE KITS 48 MONTHS			PG/9
SERVICE KIT TYPE	Months	CODE	Gross price EUR
COM-DRY 06	48	12001187	815,14
COM-DRY 12	48	12001188	899,67
COM-DRY 24	48	12001189	1.062,69
COM-DRY 36	48	12001190	1.213,65
COM-DRY 60	48	12001191	1.503,47
COM-DRY 75	48	12001192	1.660,46
COM-DRY 110	48	12001880	3.453,75
COM-DRY 150	48	12001881	3.882,44
COM-DRY 200	48	12001882	4.649,27
COM-DRY 250	48	12001883	5.434,21
COM-DRY 300	48	12001884	6.841,07
COM-DRY 400	48	12001885	7.964,14
COM-DRY 600	48	12001886	10.657,09
COM-DRY 800	48	12001887	12.794,55
COM-DRY 1000	48	12001888	15.722,98
COM-DRY 1200	48	12001889	18.735,95
COM-DRY 1500	48	12000433	7.565,63
COM-DRY 2000	48	12000434	9.992,91
COM-DRY 2500	48	12000435	12.317,54
COM-DRY 3000	48	12000436	13.935,72
COM-DRY 3750	48	12000437	18.029,50
COM-DRY 5000	48	12000438	21.108,89
COM-DRY 6500	48	12000439	32.436,19

SERVICE VALVE KITS		PG/9
TYPE	CODE	Gross price EUR
Service kit valve + actuator COM-DRY 1200	12001442	1.424,97
Service kit valve + actuator COM-DRY 1500-2000	12001443	1.455,17
Service kit valve + actuator COM-DRY 2500-3000	12001444	1.485,35
Service kit valve + actuator COM-DRY 3750-5000	12001445	1.823,48
Service kit valve + actuator COM-DRY 6500	12001446	2.366,90

START-UP DEVICES			PG/9
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	COM-DRY 1200	522,42
DN65	12000485	COM-DRY 1500-2000	1.113,23
DN80	12000486	COM-DRY 2500-3000	1.181,63
DN100	12000487	COM-DRY 3750-5000	1.330,90
DN125	12000488	COM-DRY 6500	1.722,70

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.0* [for COM-DRY 06-75]		347,75
Controller ADC 2.2** [for COM-DRY 06-75]	12001549	1.254,22
Controller ADC 2.2** (an upgrade from ADC 2.0) [for COM-DRY 110-6500]		850,65
Testing in presence of the customer	1058	621,92 (net price)
Commong on site, excluding transport costs	1059	995,07/day (net price)

REMARK:

*Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP,
- Web service access.

** Controller with 4-20 mA output for dewpoint and communication options (Modbus TCP/IP, Profinet TCP/IP, Web service access).

R-DRY BVA

HEAT REGENERATION ADSORPTION DRYERS - COOLING WITH AMBIENT AIR

operating pressure

4-11 bar**INCLUDED**

- pre-filter* with automatic drain AOK 16B and manometer MDM 40 (R-DRY BVA 400-2500), with AOK20B and MDA 60 (R-DRY BVA 3000-20000),
- after-filter* with manual drain MCD and manometer MDM 40 (R-DRY BVA 400-2500), MDA 60 (R-DRY BVA 3000-20000),
- Siemens Simatic S7 controller.

*Filters are not mounted.

TECHNICAL DATA & PRICES

PG/10

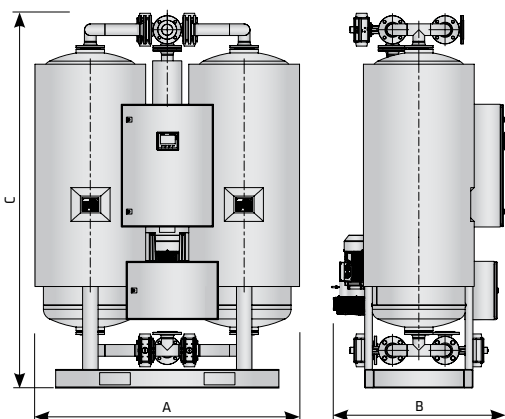
Model	Connection IN/OUT ² DN	Nominal volume flow ¹ m ³ /h	Dimensions			Mass kg	CODE	Gross price	CODE	Gross price
			A mm	B mm	C mm			Without insulation EUR		Insulation EUR
R-DRY BVA 400	DN50	390	1.400	800	2.270	1.000	12000498	50.682,08	3401683	4.419,95
R-DRY BVA 600	DN50	590	1.500	810	2.320	1.400	12000499	54.909,87	3401684	4.612,13
R-DRY BVA 780	DN50	780	1.750	950	2.550	1.800	12000500	58.996,73	3401685	4.746,64
R-DRY BVA 1000	DN50	930	1.750	950	2.550	1.900	12000501	65.287,15	3401686	4.842,72
R-DRY BVA 1200	DN80	1.150	1.900	1.000	2.550	2.200	12000502	71.936,29	3401687	4.977,25
R-DRY BVA 1600	DN80	1.600	2.150	1.100	2.620	2.600	12000503	79.110,71	3401688	6.226,36
R-DRY BVA 2000	DN100	1.950	2.200	1.200	2.750	3.400	12000504	89.039,57	3401689	6.303,23
R-DRY BVA 2500	DN100	2.530	2.430	1.200	2.750	3.800	12000505	99.160,61	3401690	6.392,92
R-DRY BVA 3000	DN100	2.990	2.600	1.200	2.880	4.000	12000506	104.989,83	3401691	6.501,81
R-DRY BVA 3600	DN100	3.680	2.800	1.350	2.850	4.800	12000507	121.068,20	3401692	6.597,90
R-DRY BVA 4100	DN125	4.100	3.000	1.350	2.850	5.100	12000508	140.797,83	3401693	7.078,33
R-DRY BVA 5000	DN125	4.990	3.200	1.450	2.950	5.900	12000509	160.079,07	3401694	7.302,53
R-DRY BVA 6500	DN150	6.550	3.520	1.750	3.050	7.200	12000510	179.168,13	3401695	8.686,16
R-DRY BVA 7700	DN150	7.700	4.500	1.900	2.600	7.900	12000511	185.766,02	3401696	8.839,90
R-DRY BVA 10000	DN200	10.250	4.300	2.200	3.550	12.000	12000512	236.947,78	3401697	9.557,34
R-DRY BVA 12000	DN200	11.700	4.400	2.500	3.550	14.200	12000513	288.898,18	3401698	9.730,30
R-DRY BVA 14000	DN200	14.800	4.800	2.600	3.650	16.800	12000514	331.816,54	3401699	11.517,49
R-DRY BVA 16000	DN250	16.000	5.000	3.200	3.650	18.500	12000515	395.617,57	3401700	11.786,53
R-DRY BVA 18000	DN250	18.200	5.200	3.500	4.200	20.000	12000516	422.393,49	3401701	12.234,94
R-DRY BVA 20000	DN250	20.200	6.000	3.500	4.350	23.000	12000517	467.617,91	3401702	12.587,24

⁽¹⁾ Refers to 1bar(a) and 20°C at 7 bar operating pressure, inlet temperature 35°C and pressure dew point at outlet -40°C.⁽²⁾ Refers to dryer inlet and outlet connection without filters.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

Remark:

- Standard dew point is -40 °C.
- Dew point -70 °C on request.

**OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}**

Operating pressure [bar]	4	5	6	7	8	9	10	11
Operating pressure [psi]	58	72	87	100	115	130	145	160
Correction factor C _{op}	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Operat. temperature [°C]	25	30	35	40	42,5
Operat. temperature [°F]	77	86	95	104	108
Correction factor C _{ot}	1	1	1	0,7	0,52

R-DRY BVA SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- non-return valves
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- non-return valves
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
R-DRY 400	12/36/60	12001353	386,43
R-DRY 600	12/36/60	12001354	434,74
R-DRY 780	12/36/60	12001355	434,74
R-DRY 1000	12/36/60	12001356	543,42
R-DRY 1200	12/36/60	12001357	615,88
R-DRY 1600	12/36/60	12001358	615,88
R-DRY 2000	12/36/60	12001359	718,53
R-DRY 2500	12/36/60	12001360	803,06
R-DRY 3000	12/36/60	12001361	1.316,28
R-DRY 3600	12/36/60	12001362	1.871,78
R-DRY 4100	12/36/60	12001363	1.871,78
R-DRY 5000	12/36/60	12001364	2.439,35
R-DRY 6500	12/36/60	12001365	3.538,28
R-DRY 7700	12/36/60	12001366	3.538,28
R-DRY 10000	12/36/60	12001367	4.540,59
R-DRY 12000	12/36/60	12001368	4.540,59
R-DRY 14000	12/36/60	12001369	5.772,34
R-DRY 16000	12/36/60	12001370	6.877,30
R-DRY 18000	12/36/60	12001371	6.877,30
R-DRY 20000	12/36/60	12001372	9.111,36

SERVICE KITS 24 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
R-DRY 400	24	12000443	1.026,46
R-DRY 600	24	12000444	1.074,76
R-DRY 780	24	12000445	1.074,76
R-DRY 1000	24	12000446	1.358,56
R-DRY 1200	24	12000447	1.443,09
R-DRY 1600	24	12000448	1.443,09
R-DRY 2000	24	12000449	1.630,26
R-DRY 2500	24	12000450	1.726,87
R-DRY 3000	24	12000451	2.348,79
R-DRY 3600	24	12000452	3.012,97
R-DRY 4100	24	12000453	3.163,92
R-DRY 5000	24	12000454	3.840,18
R-DRY 6500	24	12000455	5.367,79
R-DRY 7700	24	12000456	5.367,79
R-DRY 10000	24	12000457	7.136,93
R-DRY 12000	24	12000458	7.136,93
R-DRY 14000	24	12000459	8.616,25
R-DRY 16000	24	12000460	10.717,47
R-DRY 18000	24	12000461	10.717,47
R-DRY 20000	24	12000462	13.404,38

SERVICE KITS 48 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
R-DRY 400	48	12001636	4.081,70
R-DRY 600	48	12001637	5.277,22
R-DRY 780	48	12001638	6.249,35
R-DRY 1000	48	12001639	7.577,71
R-DRY 1200	48	12001640	9.195,89
R-DRY 1600	48	12001641	11.719,78
R-DRY 2000	48	12001642	13.905,54
R-DRY 2500	48	12001643	16.390,78
R-DRY 3000	48	12001644	19.074,08
R-DRY 3600	48	12001645	22.177,61
R-DRY 4100	48	12001646	25.033,59
R-DRY 5000	48	12001647	30.184,02
R-DRY 6500	48	12001648	39.530,86
R-DRY 7700	48	12001649	45.665,47
R-DRY 10000	48	12001650	58.840,41
R-DRY 12000	48	12001651	67.716,29
R-DRY 14000	48	12001652	85.401,61
R-DRY 16000	48	12001653	96.209,65
R-DRY 18000	48	12001654	105.218,36
R-DRY 20000	48	12001655	121.520,99

SERVICE VALVE KITS		PG/10
TYPE	CODE	Gross price EUR
Service kit valve + actuator R-DRY 400-1000 BVA/BP	12001461	1.424,97
Service kit valve + actuator R-DRY 1200-1600 BVA/BP	12001462	1.485,35
Service kit valve + actuator R-DRY 2000-3600 BVA/BP	12001463	1.823,48
Service kit valve + actuator R-DRY 4100-5000 BVA/BP	12001464	2.366,90
Service kit valve + actuator R-DRY 6500-7700 BVA/BP	12001465	3.006,92
Service kit valve + actuator R-DRY 10000-14000 BVA/BP	12001466	4.093,77
Service kit valve + actuator R-DRY 16000-20000 BVA/BP	12001467	5.355,72

START-UP DEVICES			PG/10
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	R-DRY 400-780	771,18
DN80	12000486	R-DRY 1000-1600	1.113,23
DN100	12000487	R-DRY 2000-3600	1.181,63
DN125	12000488	R-DRY 4100-5000	1.330,90
DN150	12000489	R-DRY 6500-7700	1.722,70
DN200	12000490	R-DRY 10000-14000	2.524,98
DN250	12000491	R-DRY 16000-20000	3.818,55

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Modbus RTU		485,35
Profibus		1.086,26
Valve position switches R-DRY BVA	2506527	3.967,82
Testing in presence of the customer	1058	621,92 (net price)
Comming on site, excluding transport costs	1059	995,07/day (net price)

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP.

R-DRY BP

HEAT REGENERATION ADSORPTION DRYERS - COOLING WITH PURGE AIR

operating pressure

4-11 bar**INCLUDED**

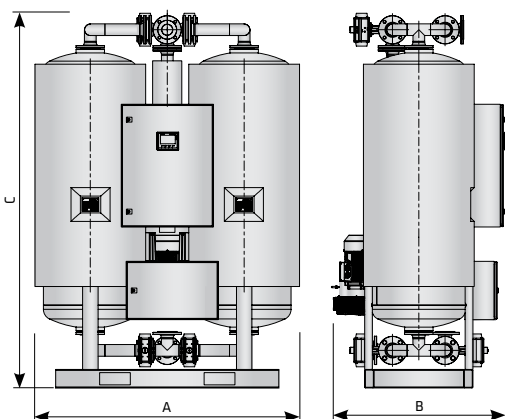
- pre-filter* with automatic drain AOK 16B and manometer MDM 40 (R-DRY BP 400-2500), with AOK 20B and MDA 60 (R-DRY BP 3000-20000),
- after-filter* with manual drain MCD and manometer MDM 40 (R-DRY BP 400-2500), MDA 60 (R-DRY BP 3000-20000),
- Siemens Simatic S7 controller.

*Filters are not mounted.

TECHNICAL DATA & PRICES

PG/10

Model	Connection IN/OUT DN	Nominal volume flow ¹⁾ m ³ /h	Dimensions			Mass kg	CODE	Gross price Without insulation EUR	CODE	Gross price Insulation EUR
			A mm	B mm	C mm					
R-DRY 400 BP	DN50	390	1.400	900	2.300	1.000	12000929	50.682,08	3401683	4.419,95
R-DRY 600 BP	DN50	590	1.500	850	2.350	1.400	12000930	54.909,87	3401684	4.612,13
R-DRY 780 BP	DN50	780	1.700	900	2.350	1.800	12000931	58.996,73	3401685	4.746,64
R-DRY 1000 BP	DN50	930	1.750	900	2.400	1.900	12000932	65.287,15	3401686	4.842,72
R-DRY 1200 BP	DN80	1.150	1.900	1.050	2.550	2.200	12000933	71.936,29	3401687	4.977,25
R-DRY 1600 BP	DN80	1.600	2.000	1.100	2.700	2.600	12000934	79.110,71	3401688	6.226,36
R-DRY 2000 BP	DN100	1.950	2.200	1.200	2.750	3.400	12000935	89.039,57	3401689	6.303,23
R-DRY 2500 BP	DN100	2.530	2.400	1.250	2.650	3.800	12000936	99.160,61	3401690	6.392,92
R-DRY 3000 BP	DN100	2.990	2.600	1.200	2.900	4.000	12000937	104.989,83	3401691	6.501,81
R-DRY 3600 BP	DN100	3.680	2.800	1.200	2.900	4.800	12000938	121.068,20	3401692	6.597,90
R-DRY 4100 BP	DN125	4.100	3.000	1.350	2.850	5.100	12000939	140.797,83	3401693	7.078,33
R-DRY 5000 BP	DN125	4.990	3.200	1.450	2.950	5.900	12000940	160.079,07	3401694	7.302,53
R-DRY 6500 BP	DN150	6.550	3.520	1.750	3.050	7.200	12000941	179.168,13	3401695	8.686,16
R-DRY 7700 BP	DN150	7.700	3.700	2.000	3.100	7.900	12000942	185.766,02	3401696	8.839,90
R-DRY 10000 BP	DN200	10.250	4.800	2.200	2.670	12.000	12000943	236.947,78	3401697	9.557,34
R-DRY 12000 BP	DN200	11.700	4.400	2.500	3.550	14.200	12000944	288.898,18	3401698	9.730,30
R-DRY 14000 BP	DN200	14.800	4.800	2.600	3.650	16.800	12000945	331.816,54	3401699	11.517,49
R-DRY 16000 BP	DN250	16.000	5.000	3.200	3.650	18.500	12000946	395.617,57	3401700	11.786,53
R-DRY 18000 BP	DN250	18.200	5.200	3.500	4.200	20.000	12000947	422.393,49	3401701	12.234,94
R-DRY 20000 BP	DN250	20.200	6.000	3.500	4.350	23.000	12000948	467.617,91	3401702	12.587,24

⁽¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

Remark:

- Standard dew point is -40 °C.
- Dew point -70 °C on request.

OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	4	5	6	7	8	9	10	11
Operating pressure [psi]	58	72	87	100	115	130	145	160
Correction factor C _{OP}	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Operat. temperature [°C]	25	30	35	40	42,5
Operat. temperature [°F]	77	86	95	104	108
Correction factor C _{OT}	1	1	1	0,7	0,52

R-DRY BP

SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- non-return valves
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- non-return valves
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
R-DRY 400	12/36/60	12001353	386,43
R-DRY 600	12/36/60	12001354	434,74
R-DRY 780	12/36/60	12001355	434,74
R-DRY 1000	12/36/60	12001356	543,42
R-DRY 1200	12/36/60	12001357	615,88
R-DRY 1600	12/36/60	12001358	615,88
R-DRY 2000	12/36/60	12001359	718,53
R-DRY 2500	12/36/60	12001360	803,06
R-DRY 3000	12/36/60	12001361	1.316,28
R-DRY 3600	12/36/60	12001362	1.871,78
R-DRY 4100	12/36/60	12001363	1.871,78
R-DRY 5000	12/36/60	12001364	2.439,35
R-DRY 6500	12/36/60	12001365	3.538,28
R-DRY 7700	12/36/60	12001366	3.538,28
R-DRY 10000	12/36/60	12001367	4.540,59
R-DRY 12000	12/36/60	12001368	4.540,59
R-DRY 14000	12/36/60	12001369	5.772,34
R-DRY 16000	12/36/60	12001370	6.877,30
R-DRY 18000	12/36/60	12001371	6.877,30
R-DRY 20000	12/36/60	12001372	9.111,36

SERVICE KITS 24 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
R-DRY 400	24	12000443	1.026,46
R-DRY 600	24	12000444	1.074,76
R-DRY 780	24	12000445	1.074,76
R-DRY 1000	24	12000446	1.358,56
R-DRY 1200	24	12000447	1.443,09
R-DRY 1600	24	12000448	1.443,09
R-DRY 2000	24	12000449	1.630,26
R-DRY 2500	24	12000450	1.726,87
R-DRY 3000	24	12000451	2.348,79
R-DRY 3600	24	12000452	3.012,97
R-DRY 4100	24	12000453	3.163,92
R-DRY 5000	24	12000454	3.840,18
R-DRY 6500	24	12000455	5.367,79
R-DRY 7700	24	12000456	5.367,79
R-DRY 10000	24	12000457	7.136,93
R-DRY 12000	24	12000458	7.136,93
R-DRY 14000	24	12000459	8.616,25
R-DRY 16000	24	12000460	10.717,47
R-DRY 18000	24	12000461	10.717,47
R-DRY 20000	24	12000462	13.404,38

SERVICE KITS 48 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
R-DRY 400	48	12000463	4.081,70
R-DRY 600	48	12000464	5.277,22
R-DRY 780	48	12000465	6.249,35
R-DRY 1000	48	12000466	7.577,71
R-DRY 1200	48	12000467	9.195,89
R-DRY 1600	48	12000468	11.719,78
R-DRY 2000	48	12000469	13.905,54
R-DRY 2500	48	12000470	16.390,78
R-DRY 3000	48	12000471	19.074,08
R-DRY 3600	48	12000472	22.177,61
R-DRY 4100	48	12000473	25.033,59
R-DRY 5000	48	12000474	30.184,02
R-DRY 6500	48	12000475	39.530,86
R-DRY 7700	48	12000476	45.665,47
R-DRY 10000	48	12000477	58.840,41
R-DRY 12000	48	12000478	67.716,29
R-DRY 14000	48	12000479	85.401,61
R-DRY 16000	48	12000480	96.209,65
R-DRY 18000	48	12000481	105.218,36
R-DRY 20000	48	12000482	121.520,99

VALVES		PG/10
KIT TYPE	CODE	Gross price EUR
Service kit valve + actuator R-DRY BVA/BP 400-1000	12001447	1.424,97
Service kit valve + actuator R-DRY BVA/BP 1200-1600	12001448	1.485,35
Service kit valve + actuator R-DRY BVA/BP 2000-3600	12001449	1.823,48
Service kit valve + actuator R-DRY BVA/BP 4100-5000	12001450	2.366,90
Service kit valve + actuator R-DRY BVA/BP 6500-7700	12001451	3.006,92
Service kit valve + actuator R-DRY BVA/BP 10000-14000	12001452	4.093,77
Service kit valve + actuator R-DRY BVA/BP 16000-20000	12001453	5.355,72

START-UP DEVICES			PG/10
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	R-DRY 400-780	771,18
DN80	12000486	R-DRY 1000-1600	1.113,23
DN100	12000487	R-DRY 2000-3600	1.181,63
DN125	12000488	R-DRY 4100-5000	1.330,90
DN150	12000489	R-DRY 6500-7700	1.722,70
DN200	12000490	R-DRY 10000-14000	2.524,98
DN250	12000491	R-DRY 16000-20000	3.818,55

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Modbus RTU		485,35
Profibus		1.086,26
Valve position switches R-DRY BVA	2506527	3.967,82
Testing in presence of the customer	1058	621,92 (net price)
Comming on site, excluding transport costs	1059	995,07/day (net price)

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP.

R-DRY BVL

HEAT REGENERATION ADSORPTION DRYERS - COOLING WITH CLOSED LOOP

operating pressure

4-11 bar**INCLUDED**

- pre-filter* with automatic drain AOK 16B and manometer MDM 40 (R-DRY BVL 400-2500), with AOK 20B and MDA 60 (R-DRY BVL 3000-20000),
- after-filter* with manual drain MCD and manometer MDM 40 (R-DRY BVL 400-2500), MDA 60 (R-DRY BVL 3000-20000),
- Siemens Simatic S7 controller.

*Filters are not mounted.

TECHNICAL DATA & PRICES

PG/10

Model	Connection IN/OUT DN	Nominal volume flow ¹⁾ m ³ /h	Dimensions			Mass kg	CODE	Gross price Without insulation EUR	CODE	Gross price Insulation EUR
			A mm	B mm	C mm					
R-DRY BVL 400	DN50	390	1.400	1.200	2.300	1.400	12000662	63.995,06	3401683	4.419,95
R-DRY BVL 600	DN50	590	1.500	1.300	2.350	1.900	12000663	65.835,93	3401684	4.612,13
R-DRY BVL 780	DN50	780	1.700	1.350	2.350	2.300	12000664	69.107,20	3401685	4.746,64
R-DRY BVL 1000	DN50	930	1.750	1.300	2.400	2.400	12000665	80.015,60	3401686	4.842,72
R-DRY BVL 1200	DN80	1.150	1.900	1.400	2.500	3.000	12000666	86.769,58	3401687	4.977,25
R-DRY BVL 1600	DN80	1.600	2.000	1.500	2.600	3.200	12000667	91.807,09	3401688	6.226,36
R-DRY BVL 2000	DN100	1.950	2.250	1.650	2.750	4.420	12000668	109.680,93	3401689	6.303,23
R-DRY BVL 2500	DN100	2.530	2.380	1.750	2.700	5.000	12000669	115.533,15	3401690	6.392,92
R-DRY BVL 3000	DN100	2.990	2.570	1.800	2.850	5.200	12000670	122.877,98	3401691	6.501,81
R-DRY BVL 3600	DN100	3.680	2.800	1.800	2.900	6.240	12000671	141.939,66	3401692	6.597,90
R-DRY BVL 4100	DN125	4.100	3.000	2.700	2.850	6.700	12000672	162.867,11	3401693	7.078,33
R-DRY BVL 5000	DN125	4.990	3.200	2.900	2.950	7.700	12000673	170.516,67	3401694	7.302,53
R-DRY BVL 6500	DN150	6.550	3.520	2.900	3.050	9.400	12000674	198.994,15	3401695	8.686,16
R-DRY BVL 7700	DN150	7.700	3.700	3.100	3.100	10.300	12000675	221.495,04	3401696	8.839,90
R-DRY BVL 10000	DN200	10.250	5.000	3.250	2.850	15.600	12000676	301.778,05	3401697	9.557,34
R-DRY BVL 12000	DN200	11.700	5.050	3.300	2.850	-	12000677	318.955,34	3401698	9.730,30
R-DRY BVL 14000	DN200	14.800	4.800	2.600	3.650	-	12000678	379.847,04	3401699	11.517,49
R-DRY BVL 16000	DN250	16.000	5.000	3.200	3.650	-	12000679	430.352,77	3401700	11.786,53
R-DRY BVL 18000	DN250	18.200	5.200	3.500	4.200	-	12000680	461.933,61	3401701	12.234,94
R-DRY BVL 20000	DN250	20.200	6.500	4.100	3.300	-	12000681	501.238,63	3401702	12.587,24

¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

Remark:

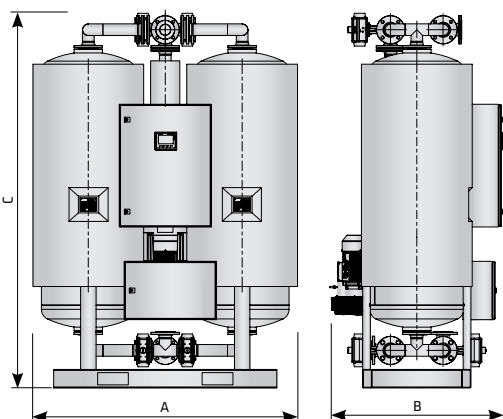
- Standard dew point is -40 °C.
- Dew point -70 °C on request.

OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	4	5	6	7	8	9	10	11
Operating pressure [psi]	58	72	87	100	115	130	145	160
Correction factor C _{op}	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Operat. temperature [°C]	25	30	35	40	42,5
Operat. temperature [°F]	77	86	95	104	108
Correction factor C _{ot}	1	1	1	0,7	0,52



R-DRY BVL SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- non-return valves
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- non-return valves
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
R-DRY BVL 400	12/36/60	12001353	386,43
R-DRY BVL 600	12/36/60	12001354	434,74
R-DRY BVL 780	12/36/60	12001355	434,74
R-DRY BVL 1000	12/36/60	12001356	543,42
R-DRY BVL 1200	12/36/60	12001357	615,88
R-DRY BVL 1600	12/36/60	12001358	615,88
R-DRY BVL 2000	12/36/60	12001359	718,53
R-DRY BVL 2500	12/36/60	12001360	803,06
R-DRY BVL 3000	12/36/60	12001361	1.316,28
R-DRY BVL 3600	12/36/60	12001362	1.871,78
R-DRY BVL 4100	12/36/60	12001363	1.871,78
R-DRY BVL 5000	12/36/60	12001364	2.439,35
R-DRY BVL 6500	12/36/60	12001365	3.538,28
R-DRY BVL 7700	12/36/60	12001366	3.538,28
R-DRY BVL 10000	12/36/60	12001367	4.540,59
R-DRY BVL 12000	12/36/60	12001368	4.540,59
R-DRY BVL 14000	12/36/60	12001369	5.772,34
R-DRY BVL 16000	12/36/60	12001370	6.877,30
R-DRY BVL 18000	12/36/60	12001371	6.877,30
R-DRY BVL 20000	12/36/60	12001372	9.111,36

SERVICE KITS 24 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
R-DRY BVL 400	24	12000443	1.026,46
R-DRY BVL 600	24	12000444	1.074,76
R-DRY BVL 780	24	12000445	1.074,76
R-DRY BVL 1000	24	12000446	1.358,56
R-DRY BVL 1200	24	12000447	1.443,09
R-DRY BVL 1600	24	12000448	1.443,09
R-DRY BVL 2000	24	12000449	1.630,26
R-DRY BVL 2500	24	12000450	1.726,87
R-DRY BVL 3000	24	12000451	2.348,79
R-DRY BVL 3600	24	12000452	3.012,97
R-DRY BVL 4100	24	12000453	3.163,92
R-DRY BVL 5000	24	12000454	3.840,18
R-DRY BVL 6500	24	12000455	5.367,79
R-DRY BVL 7700	24	12000456	5.367,79
R-DRY BVL 10000	24	12000457	7.136,93
R-DRY BVL 12000	24	12000458	7.136,93
R-DRY BVL 14000	24	12000459	8.616,25
R-DRY BVL 16000	24	12000460	10.717,47
R-DRY BVL 18000	24	12000461	10.717,47
R-DRY BVL 20000	24	12000462	13.404,38

SERVICE KITS 48 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
R-DRY BVL 400	48	12000463	4.081,70
R-DRY BVL 600	48	12000464	5.277,22
R-DRY BVL 780	48	12000465	6.249,35
R-DRY BVL 1000	48	12000466	7.577,71
R-DRY BVL 1200	48	12000467	9.195,89
R-DRY BVL 1600	48	12000468	11.719,78
R-DRY BVL 2000	48	12000469	13.905,54
R-DRY BVL 2500	48	12000470	16.390,78
R-DRY BVL 3000	48	12000471	19.074,08
R-DRY BVL 3600	48	12000472	22.177,61
R-DRY BVL 4100	48	12000473	25.033,59
R-DRY BVL 5000	48	12000474	30.184,02
R-DRY BVL 6500	48	12000475	39.530,86
R-DRY BVL 7700	48	12000476	45.665,47
R-DRY BVL 10000	48	12000477	58.840,41
R-DRY BVL 12000	48	12000478	67.716,29
R-DRY BVL 14000	48	12000479	85.401,61
R-DRY BVL 16000	48	12000480	96.209,65
R-DRY BVL 18000	48	12000481	105.218,36
R-DRY BVL 20000	48	12000482	121.520,99

SILENCERS		PG/10
SILENCER TYPE	CODE	Gross price EUR
Service kit valve + actuator R-DRY BVL400-1000	12001454	1.424,97
Service kit valve + actuator R-DRY BVL 1200-1600	12001455	1.485,35
Service kit valve + actuator R-DRY BVL 2000-3600	12001456	1.823,48
Service kit valve + actuator R-DRY BVL 4100-5000	12001457	2.366,90
Service kit valve + actuator R-DRY BVL 6500-7700	12001458	3.006,92
Service kit valve + actuator R-DRY BVL 10000-14000	12001459	4.093,77
Service kit valve + actuator R-DRY BVL 16000-20000	12001460	5.355,72

START-UP DEVICES			PG/10
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	R-DRY BVL 400-780	771,18
DN80	12000486	R-DRY BVL 1000-1600	1.113,23
DN100	12000487	R-DRY BVL 2000-3600	1.181,63
DN125	12000488	R-DRY BVL 4100-5000	1.330,90
DN150	12000489	R-DRY BVL 6500-7700	1.722,70
DN200	12000490	R-DRY BVL 10000-14000	2.524,98
DN250	12000491	R-DRY BVL 16000-20000	3.818,55

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Modbus RTU		485,35
Profibus		1.086,26
Valve position switches R-DRY BVL	2506527	3.967,82
Testing in presence of the customer	1058	621,92 (net price)
Comming on site, excluding transport costs	1059	995,07/day (net price)

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP.

R-DRY HOC F/P

HEAT REGENERATION ADSORPTION DRYERS - HEATED WITH FULL/PARTIAL STREAM

operating pressure

4-11 bar



INCLUDED

- pre-filter* with automatic drain AOK 16B and manometer MDM 40 (R-DRY HOC 400-2500), with AOK 20B and MDA 60 (R-DRY HOC 3000-20000),
- after-filter* with manual drain MCD and manometer MDM 40 (R-DRY HOC 400-2500), MDA 60 (R-DRY BVL 3000-20000),
- Siemens Simatic S7 controller.

*Filters are not mounted.

TECHNICAL DATA & PRICES

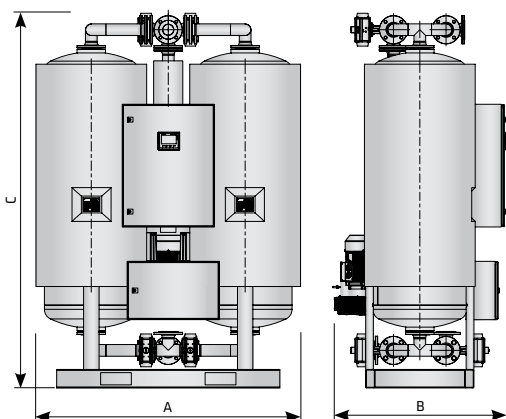
Model	Connection IN/OUT	Nominal volume flow ¹⁾	Gross price Without insulation	Gross price Insulation
	DN		EUR	EUR
R-DRY HOC F/P 400	DN50	390	on request	on request
R-DRY HOC F/P 600	DN50	590	on request	on request
R-DRY HOC F/P 780	DN50	780	on request	on request
R-DRY HOC F/P 1000	DN50	930	on request	on request
R-DRY HOC F/P 1200	DN80	1.150	on request	on request
R-DRY HOC F/P 1600	DN80	1.600	on request	on request
R-DRY HOC F/P 2000	DN100	1.950	on request	on request
R-DRY HOC F/P 2500	DN100	2.530	on request	on request
R-DRY HOC F/P 3000	DN100	2.990	on request	on request
R-DRY HOC F/P 3600	DN100	3.680	on request	on request
R-DRY HOC F/P 4100	DN125	4.100	on request	on request
R-DRY HOC F/P 5000	DN125	4.990	on request	on request
R-DRY HOC F/P 6500	DN150	6.550	on request	on request
R-DRY HOC F/P 7700	DN150	7.700	on request	on request
R-DRY HOC F/P 10000	DN200	10.250	on request	on request
R-DRY HOC F/P 12000	DN200	11.700	on request	on request
R-DRY HOC F/P 14000	DN200	14.800	on request	on request
R-DRY HOC F/P 16000	DN250	16.000	on request	on request
R-DRY HOC F/P 18000	DN250	18.200	on request	on request
R-DRY HOC F/P 20000	DN250	20.200	on request	on request

¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -20 °C.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

Remark:

- Standard dew point is -20 °C.
- Dew point -40 °C on request.



OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	4	5	6	7	8	9	10	11
Operating pressure [psi]	58	72	87	100	115	130	145	160
Correction factor C _{op}	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}

Operat. temperature [°C]	25	30	35	40	42,5
Operat. temperature [°F]	77	86	95	104	108
Correction factor C _{ot}	1	1	1	0,7	0,52

R-DRY HOC SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- non-return valves
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- non-return valves
- adsorbent
- sealings
- packaging

SERVICE KITS 12/36/60 MONTHS		PG/10
SERVICE KIT TYPE	Months	Gross price EUR
R-DRY HOC F/P 400	12/36/60	on request
R-DRY HOC F/P 600	12/36/60	on request
R-DRY HOC F/P 780	12/36/60	on request
R-DRY HOC F/P 1000	12/36/60	on request
R-DRY HOC F/P 1200	12/36/60	on request
R-DRY HOC F/P 1600	12/36/60	on request
R-DRY HOC F/P 2000	12/36/60	on request
R-DRY HOC F/P 2500	12/36/60	on request
R-DRY HOC F/P 3000	12/36/60	on request
R-DRY HOC F/P 3600	12/36/60	on request
R-DRY HOC F/P 4100	12/36/60	on request
R-DRY HOC F/P 5000	12/36/60	on request
R-DRY HOC F/P 6500	12/36/60	on request
R-DRY HOC F/P 7700	12/36/60	on request
R-DRY HOC F/P 10000	12/36/60	on request
R-DRY HOC F/P 12000	12/36/60	on request
R-DRY HOC F/P 14000	12/36/60	on request
R-DRY HOC F/P 16000	12/36/60	on request
R-DRY HOC F/P 18000	12/36/60	on request
R-DRY HOC F/P 20000	12/36/60	on request

SERVICE KITS 24 MONTHS		PG/10
SERVICE KIT TYPE	Months	Gross price EUR
R-DRY HOC F/P 400	24	on request
R-DRY HOC F/P 600	24	on request
R-DRY HOC F/P 780	24	on request
R-DRY HOC F/P 1000	24	on request
R-DRY HOC F/P 1200	24	on request
R-DRY HOC F/P 1600	24	on request
R-DRY HOC F/P 2000	24	on request
R-DRY HOC F/P 2500	24	on request
R-DRY HOC F/P 3000	24	on request
R-DRY HOC F/P 3600	24	on request
R-DRY HOC F/P 4100	24	on request
R-DRY HOC F/P 5000	24	on request
R-DRY HOC F/P 6500	24	on request
R-DRY HOC F/P 7700	24	on request
R-DRY HOC F/P 10000	24	on request
R-DRY HOC F/P 12000	24	on request
R-DRY HOC F/P 14000	24	on request
R-DRY HOC F/P 16000	24	on request
R-DRY HOC F/P 18000	24	on request
R-DRY HOC F/P 20000	24	on request

SERVICE KITS 24 MONTHS		PG/10
SERVICE KIT TYPE	Months	Gross price EUR
R-DRY HOC F/P 400	48	on request
R-DRY HOC F/P 600	48	on request
R-DRY HOC F/P 780	48	on request
R-DRY HOC F/P 1000	48	on request
R-DRY HOC F/P 1200	48	on request
R-DRY HOC F/P 1600	48	on request
R-DRY HOC F/P 2000	48	on request
R-DRY HOC F/P 2500	48	on request
R-DRY HOC F/P 3000	48	on request
R-DRY HOC F/P 3600	48	on request
R-DRY HOC F/P 4100	48	on request
R-DRY HOC F/P 5000	48	on request
R-DRY HOC F/P 6500	48	on request
R-DRY HOC F/P 7700	48	on request
R-DRY HOC F/P 10000	48	on request
R-DRY HOC F/P 12000	48	on request
R-DRY HOC F/P 14000	48	on request
R-DRY HOC F/P 16000	48	on request
R-DRY HOC F/P 18000	48	on request
R-DRY HOC F/P 20000	48	on request

START-UP DEVICES		PG/10
TYPE	FOR DEVICE	Gross price EUR
DN50	R-DRY HOC F/P 400-780	on request
DN80	R-DRY HOC F/P 1000-1600	on request
DN100	R-DRY HOC F/P 2000-3600	on request
DN125	R-DRY HOC F/P 4100-5000	on request
DN150	R-DRY HOC F/P 6500-7700	on request
DN200	R-DRY HOC F/P 10000-14000	on request
DN250	R-DRY HOC F/P 16000-20000	on request

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Modbus RTU		485,35
Profibus		1.086,26
Valve position switches R-DRY HOC F/P	2506527	3.967,82
Testing in presence of the customer	1058	621,92 (net price)
Commong on site, excluding transport costs	1059	995,07/day (net price)

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP.

R-DRY HP BVA

HIGH PRESSURE HEAT REGENERATION ADSORPTION DRYERS - COOLING WITH AMBIENT AIR

operating pressure

50 bar



INCLUDED

- pre-filter,
- after-filter,
- Siemens controller.

TECHNICAL DATA & PRICES				PG/10
Model	Max. oper. pressure	Connection IN/OUT	CODE	Gross price
	bar	DN		EUR
R-DRY HP BVA 400	50	DN50		on request
R-DRY HP BVA 600		DN50		on request
R-DRY HP BVA 780		DN50		on request
R-DRY HP BVA 1000		DN50		on request
R-DRY HP BVA 1200		DN80		on request
R-DRY HP BVA 1600		DN80		on request
R-DRY HP BVA 2000		DN100		on request
R-DRY HP BVA 2500		DN100		on request
R-DRY HP BVA 3000		DN100		on request
R-DRY HP BVA 3600		DN100		on request

⁽¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure , inlet temperature 35 °C and pressure dew point at outlet -40 °C

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

Remark:

- Standard dew point is -40 °C.
- Dew points -25 °C and -55 °C on request.

OPERATING PRESSURE 50 BAR - CORRECTION FACTORS - C _{OP} (35 °C; 100 BAR)						
Operating pressure [bar]	25	30	35	40	45	50
Correction factor C _{OP}	0,51	0,61	0,71	0,81	0,90	1

OPERATING TEMPERATURE - CORRECTION FACTORS - C _{OT}						
Operat. temperature [°C]	25	30	35	40	42,5	
Operat. temperature [°F]	77	86	95	104	108	
Correction factor C _{OT}	1	1	1	0,7	0,52	

R-DRY HP BVA

SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- non-return valves
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- non-return valves
- adsorbent
- sealings
- packaging

SERVICE KITS 24 MONTHS		PG/10
SERVICE KIT TYPE	Months	Gross price EUR
R-DRY HP BVA 400	24	on request
R-DRY HP BVA 600	24	on request
R-DRY HP BVA 780	24	on request
R-DRY HP BVA 1000	24	on request
R-DRY HP BVA 1200	24	on request
R-DRY HP BVA 1600	24	on request
R-DRY HP BVA 2000	24	on request
R-DRY HP BVA 2500	24	on request
R-DRY HP BVA 3000	24	on request
R-DRY HP BVA 3600	24	on request
R-DRY HP BVA 4100	24	on request
R-DRY HP BVA 5000	24	on request
R-DRY HP BVA 6500	24	on request
R-DRY HP BVA 7700	24	on request
R-DRY HP BVA 10000	24	on request
R-DRY HP BVA 12000	24	on request
R-DRY HP BVA 14000	24	on request
R-DRY HP BVA 16000	24	on request
R-DRY HP BVA 18000	24	on request
R-DRY HP BVA 20000	24	on request

SERVICE KITS 48 MONTHS		PG/10
SERVICE KIT TYPE	Months	Gross price EUR
R-DRY HP BVA 400	48	on request
R-DRY HP BVA 600	48	on request
R-DRY HP BVA 780	48	on request
R-DRY HP BVA 1000	48	on request
R-DRY HP BVA 1200	48	on request
R-DRY HP BVA 1600	48	on request
R-DRY HP BVA 2000	48	on request
R-DRY HP BVA 2500	48	on request
R-DRY HP BVA 3000	48	on request
R-DRY HP BVA 3600	48	on request
R-DRY HP BVA 4100	48	on request
R-DRY HP BVA 5000	48	on request
R-DRY HP BVA 6500	48	on request
R-DRY HP BVA 7700	48	on request
R-DRY HP BVA 10000	48	on request
R-DRY HP BVA 12000	48	on request
R-DRY HP BVA 14000	48	on request
R-DRY HP BVA 16000	48	on request
R-DRY HP BVA 18000	48	on request
R-DRY HP BVA 20000	48	on request

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Modbus RTU		485,35
Profibus		1.086,26
Valve position switches R-DRY HP BVA	2506527	3.967,82
Testing in presence of the customer	1058	621,92 (net price)
Comming on site, excluding transport costs	1059	995,07/day (net price)

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP.

R-DRY HP BP

HIGH PRESSURE HEAT REGENERATION ADSORPTION DRYERS - COOLING WITH PURGE AIR

operating pressure

50 bar



INCLUDED

- pre-filter,
- after-filter,
- Siemens controller.

TECHNICAL DATA & PRICES				PG/10
Model	Max. oper. pressure bar	Connection IN/OUT DN	CODE	Gross price
				EUR
R-DRY HP BP 400	50	DN50		on request
R-DRY HP BP 600		DN50		on request
R-DRY HP BP 780		DN50		on request
R-DRY HP BP 1000		DN50		on request
R-DRY HP BP 1200		DN80		on request
R-DRY HP BP 1600		DN80		on request
R-DRY HP BP 2000		DN100		on request
R-DRY HP BP 2500		DN100		on request
R-DRY HP BP 3000		DN100		on request
R-DRY HP BP 3600		DN100		on request

⁽¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

Remark:

- Standard dew point is -40 °C.
- Dew points -25 °C and -55 °C on request.

OPERATING PRESSURE 50 BAR - CORRECTION FACTORS - C _{OP} (35 °C; 100 BAR)						
Operating pressure [bar]	25	30	35	40	45	50
Correction factor C _{OP}	0,51	0,61	0,71	0,81	0,90	1

OPERATING TEMPERATURE - CORRECTION FACTORS - C _{OT}						
Operat. temperature [°C]	25	30	35	40	42,5	
Operat. temperature [°F]	77	86	95	104	108	
Correction factor C _{OT}	1	1	1	0,7	0,52	

R-DRY HP BP

SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- non-return valves
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- non-return valves
- adsorbent
- sealings
- packaging

SERVICE KITS 24 MONTHS		PG/10
SERVICE KIT TYPE	Months	Gross price EUR
R-DRY HP BP 400	24	on request
R-DRY HP BP 600	24	on request
R-DRY HP BP 780	24	on request
R-DRY HP BP 1000	24	on request
R-DRY HP BP 1200	24	on request
R-DRY HP BP 1600	24	on request
R-DRY HP BP 2000	24	on request
R-DRY HP BP 2500	24	on request
R-DRY HP BP 3000	24	on request
R-DRY HP BP 3600	24	on request
R-DRY HP BP 4100	24	on request
R-DRY HP BP 5000	24	on request
R-DRY HP BP 6500	24	on request
R-DRY HP BP 7700	24	on request
R-DRY HP BP 10000	24	on request
R-DRY HP BP 12000	24	on request
R-DRY HP BP 14000	24	on request
R-DRY HP BP 16000	24	on request
R-DRY HP BP 18000	24	on request
R-DRY HP BP 20000	24	on request

SERVICE KITS 48 MONTHS		PG/10
SERVICE KIT TYPE	Months	Gross price EUR
R-DRY HP BP 400	48	on request
R-DRY HP BP 600	48	on request
R-DRY HP BP 780	48	on request
R-DRY HP BP 1000	48	on request
R-DRY HP BP 1200	48	on request
R-DRY HP BP 1600	48	on request
R-DRY HP BP 2000	48	on request
R-DRY HP BP 2500	48	on request
R-DRY HP BP 3000	48	on request
R-DRY HP BP 3600	48	on request
R-DRY HP BP 4100	48	on request
R-DRY HP BP 5000	48	on request
R-DRY HP BP 6500	48	on request
R-DRY HP BP 7700	48	on request
R-DRY HP BP 10000	48	on request
R-DRY HP BP 12000	48	on request
R-DRY HP BP 14000	48	on request
R-DRY HP BP 16000	48	on request
R-DRY HP BP 18000	48	on request
R-DRY HP BP 20000	48	on request

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Modbus RTU		485,35
Profibus		1.086,26
Valve position switches R-DRY HP BP	2506527	3.967,82
Testing in presence of the customer	1058	621,92 (net price)
Comming on site, excluding transport costs	1059	995,07/day (net price)

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP.

R-DRY HP BVL

HIGH PRESSURE HEAT REGENERATION ADSORPTION DRYERS - COOLING WITH CLOSED LOOP

operating pressure

50 bar



INCLUDED

- pre-filter,
- after-filter,
- Siemens controller.

TECHNICAL DATA & PRICES				PG/10
Model	Max. oper. pressure	Connection IN/OUT	CODE	Gross price
	bar	DN		EUR
R-DRY HP BVL 400	50	DN50		on request
R-DRY HP BVL 600		DN50		on request
R-DRY HP BVL 780		DN50		on request
R-DRY HP BVL 1000		DN50		on request
R-DRY HP BVL 1200		DN80		on request
R-DRY HP BVL 1600		DN80		on request
R-DRY HP BVL 2000		DN100		on request
R-DRY HP BVL 2500		DN100		on request
R-DRY HP BVL 3000		DN100		on request
R-DRY HP BVL 3600		DN100		on request

⁽¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure , inlet temperature 35 °C and pressure dew point at outlet -40 °C

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

Remark:

- Standard dew point is -40 °C.
- Dew points -25 °C and -55 °C on request.

OPERATING PRESSURE 50 BAR - CORRECTION FACTORS - C_{op} (35 °C; 100 BAR)						
Operating pressure [bar]	25	30	35	40	45	50
Correction factor C_{op}	0,51	0,61	0,71	0,81	0,90	1

OPERATING TEMPERATURE - CORRECTION FACTORS - C_{OT}					
Operat. temperature [°C]	25	30	35	40	42,5
Operat. temperature [°F]	77	86	95	104	108
Correction factor C_{OT}	1	1	1	0,7	0,52

R-DRY HP BVL SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- non-return valves
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- non-return valves
- adsorbent
- sealings
- packaging

SERVICE KITS 24 MONTHS		PG/10
SERVICE KIT TYPE	Months	Gross price
		EUR
R-DRY HP BVL 400	24	on request
R-DRY HP BVL 600	24	on request
R-DRY HP BVL 780	24	on request
R-DRY HP BVL 1000	24	on request
R-DRY HP BVL 1200	24	on request
R-DRY HP BVL 1600	24	on request
R-DRY HP BVL 2000	24	on request
R-DRY HP BVL 2500	24	on request
R-DRY HP BVL 3000	24	on request
R-DRY HP BVL 3600	24	on request
R-DRY HP BVL 4100	24	on request
R-DRY HP BVL 5000	24	on request
R-DRY HP BVL 6500	24	on request
R-DRY HP BVL 7700	24	on request
R-DRY HP BVL 10000	24	on request
R-DRY HP BVL 12000	24	on request
R-DRY HP BVL 14000	24	on request
R-DRY HP BVL 16000	24	on request
R-DRY HP BVL 18000	24	on request
R-DRY HP BVL 20000	24	on request

SERVICE KITS 48 MONTHS		PG/10
SERVICE KIT TYPE	Months	Gross price
		EUR
R-DRY HP BVL 400	48	on request
R-DRY HP BVL 600	48	on request
R-DRY HP BVL 780	48	on request
R-DRY HP BVL 1000	48	on request
R-DRY HP BVL 1200	48	on request
R-DRY HP BVL 1600	48	on request
R-DRY HP BVL 2000	48	on request
R-DRY HP BVL 2500	48	on request
R-DRY HP BVL 3000	48	on request
R-DRY HP BVL 3600	48	on request
R-DRY HP BVL 4100	48	on request
R-DRY HP BVL 5000	48	on request
R-DRY HP BVL 6500	48	on request
R-DRY HP BVL 7700	48	on request
R-DRY HP BVL 10000	48	on request
R-DRY HP BVL 12000	48	on request
R-DRY HP BVL 14000	48	on request
R-DRY HP BVL 16000	48	on request
R-DRY HP BVL 18000	48	on request
R-DRY HP BVL 20000	48	on request

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price
		EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.725,73
Dew point sensor measurement chamber	2505628	398,02
Modbus RTU		485,35
Profibus		1.086,26
Valve position switches R-DRY HP BVL	2506527	3.967,82
Testing in presence of the customer	1058	621,92 (net price)
Comming on site, excluding transport costs	1059	995,07/day (net price)

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP.

HP-DRY

HIGH PRESSURE DRYERS



INCLUDED

- pre-filter with timer drain,
- after-filter with needle valve,
- Siemens LOGO controller.

operating pressure

50 / 100 / 250 / 420 bar

TECHNICAL DATA & PRICES - 50 bar

Model	Connection IN/OUT	Inlet flow ¹ m ³ /h	Outlet flow ² m ³ /h	Dimensions			Mass kg	CODE	Gross price EUR
				H mm	W mm	D mm			
HP-DRY 050 PN50	G 3/8	50	48,5	1200	680	580	130	12000518	20.630,21
HP-DRY 100 PN50	G 3/8	100	97	1.250	680	580	150	12000519	21.949,04
HP-DRY 150 PN50	G 3/8	150	145,5	1.550	680	580	170	12000520	22.891,06
HP-DRY 250 PN50	G 3/8	250	242,5	1.700	820	700	260	12000521	28.166,35
HP-DRY 350 PN50	G 1/2	350	339,5	1.700	820	700	320	12000522	32.593,84
HP-DRY 500 PN50	G 1/2	500	485	1.920	820	700	410	12000523	37.209,74
HP-DRY 650 PN50	G 1/2	650	630,5	2.250	820	700	460	12000524	46.158,89

OPERATING PRESSURE 50 bar - CORRECTION FACTORS - C_{op}

Operating pressure [bar]	25	30	35	40	45	50
Correction factor C _{op}	0,51	0,61	0,71	0,81	0,90	1

TECHNICAL DATA & PRICES - 250 bar

Model	Connection IN/OUT	Inlet flow ¹ m ³ /h	Outlet flow ² m ³ /h	Dimensions			Mass kg	CODE	Gross price EUR
				H mm	W mm	D mm			
HP-DRY 050 PN250	G 3/8	50	48,5	1.000	680	450	95	12000533	27.224,34
HP-DRY 100 PN250	G 3/8	100	97	1.360	680	450	135	12000534	28.825,76
HP-DRY 150 PN250	G 3/8	150	145,5	1.600	680	450	145	12000535	29.978,80
HP-DRY 250 PN250	G 3/8	250	242,5	1.500	680	450	180	12000536	33.566,00
HP-DRY 350 PN250	G 1/2	350	339,5	1.400	820	650	250	12000537	37.281,33
HP-DRY 500 PN250	G 1/2	500	485	1.500	820	650	300	12000538	40.817,27
HP-DRY 650 PN250	G 1/2	650	630,5	1.500	820	650	400	12000539	45.045,05
HP-DRY 800 PN250	G 1/2	800	776	1.550	820	650	460	12000540	50.413,06
HP-DRY 1000 PN250	G 1/2	1000	970	1.600	820	650	580	12000541	53.372,50
HP-DRY 1200 PN250	G 1/2	1200	1164	1.550	820	700	620	12000542	54.897,07
HP-DRY 1400 PN250	G 1/2	1400	1358	1.650	820	700	650	12000543	57.010,95

OPERATING PRESSURE 250 bar - CORRECTION FACTORS - C_{op}

Operating pressure [bar]	110	130	160	190	220	250
Correction factor C _{op}	0,44	0,52	0,64	0,76	0,88	1,00

TECHNICAL DATA & PRICES - 100 bar

Model	Connection IN/OUT	Inlet flow ¹ m ³ /h	Outlet flow ² m ³ /h	Dimensions			Mass kg	CODE	Gross price EUR
				H mm	W mm	D mm			
HP-DRY 050 PN100	G 3/8	50	48,5	1.250	680	580	125	12000525	23.316,84
HP-DRY 100 PN100	G 3/8	100	97	1.350	680	580	170	12000526	24.662,04
HP-DRY 150 PN100	G 3/8	150	145,5	1.650	680	580	200	12000527	28.441,42
HP-DRY 250 PN100	G 3/8	250	242,5	1.550	680	600	210	12000528	31.580,23
HP-DRY 350 PN100	G 1/2	350	339,5	1.460	820	680	270	12000529	36.448,59
HP-DRY 500 PN100	G 1/2	500	485	1.700	820	680	290	12000530	40.099,84
HP-DRY 650 PN100	G 1/2	650	630,5	1.800	820	700	380	12000531	43.392,37
HP-DRY 800 PN100	G 1/2	800	776	1.850	820	680	480	12000532	48.555,39

OPERATING PRESSURE 100 bar - CORRECTION FACTORS - C_{op}

Operating pressure [bar]	50	60	70	80	90	100
Correction factor C _{op}	0,50	0,60	0,70	0,80	0,90	1,00

TECHNICAL DATA & PRICES - 420 bar

Model	Connection IN/OUT	Inlet flow ¹ m ³ /h	Outlet flow ² m ³ /h	Dimensions			Mass kg	CODE	Gross price EUR
				H mm	W mm	D mm			
HP-DRY 100 PN420	G 3/8	100	97	1.120	680	450	120	12000544	30.491,24
HP-DRY 150 PN420	G 3/8	150	145,5	1.350	680	450	135	12000545	31.823,64
HP-DRY 250 PN420	G 3/8	250	242,5	1.450	680	580	190	12000546	35.577,39
HP-DRY 350 PN420	G 1/2	350	339,5	1.350	820	580	270	12000547	39.228,66
HP-DRY 500 PN420	G 1/2	500	485	1.380	820	650	310	12000548	43.110,54
HP-DRY 650 PN420	G 1/2	650	630	1.450	820	650	440	12000549	48.171,05
HP-DRY 800 PN420	G 1/2	800	776	1.230	820	650	425	12000550	53.103,46
HP-DRY 1000 PN420	G 1/2	1000	970	1.450	820	650	600	12000551	55.345,46
HP-DRY 1200 PN420	G 1/2	1200	1164	1.450	1.000	900	850	12000552	57.952,59
HP-DRY 1400 PN420	G 1/2	1400	1358	1.500	1.000	900	800	12000553	61.046,57
HP-DRY 1600 PN420	G 1/2	1600	1552	1.450	1.000	900	1.200	12000554	66.619,54

OPERATING PRESSURE 420 bar - CORRECTION FACTORS - C_{op}

Operating pressure [bar]	250	275	300	325	350	375	420
Correction factor C _{op}	0,63	0,69	0,75	0,81	0,88	0,94	1,00

(1) Refers to 1bar(a) and 20°C, at nominal operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C.

(2) Purge air requirements depend on actual operating conditions (Typically about 3 %).

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.

Remark:

- Standard dew point is -40 °C.
- Dew points -55 °C on request.

HP-DRY SERVICE KITS

Service kit - 12/24 months

- elements
- silencers
- packaging

Service kit - 36 months

- elements
- silencers
- valves
- adsorbent
- sealings
- packaging

SERVICE KITS 12/24 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
HP-DRY 050 PN50	12/24	12000821	310,96
HP-DRY 100 PN50	12/24	12000822	491,31
HP-DRY 150 PN50	12/24	12000823	491,31
HP-DRY 250 PN50	12/24	12000824	491,31
HP-DRY 350 PN50	12/24	12000825	534,85
HP-DRY 500 PN50	12/24	12000826	628,13
HP-DRY 650 PN50	12/24	12000827	628,13
HP-DRY 050 PN100	12/24	12000828	310,96
HP-DRY 100 PN100	12/24	12000829	491,31
HP-DRY 150 PN100	12/24	12000830	491,31
HP-DRY 250 PN100	12/24	12000831	491,31
HP-DRY 350 PN100	12/24	12000832	534,85
HP-DRY 500 PN100	12/24	12000833	621,92
HP-DRY 650 PN100	12/24	12000834	621,92
HP-DRY 800 PN100	12/24	12000835	715,20
HP-DRY 050 PN250	12/24	12000836	572,16
HP-DRY 100 PN250	12/24	12000837	572,16
HP-DRY 150 PN250	12/24	12000838	572,16
HP-DRY 250 PN250	12/24	12000839	621,92
HP-DRY 350 PN250	12/24	12000840	621,92
HP-DRY 500 PN250	12/24	12000841	621,92
HP-DRY 650 PN250	12/24	12000842	621,92
HP-DRY 800 PN250	12/24	12000843	621,92
HP-DRY 1000 PN250	12/24	12000844	752,52
HP-DRY 1200 PN250	12/24	12000845	752,52
HP-DRY 1400 PN250	12/24	12000846	752,52
HP-DRY 100 PN420	12/24	12000847	478,87
HP-DRY 150 PN420	12/24	12000848	478,87
HP-DRY 250 PN420	12/24	12000849	553,51
HP-DRY 350 PN420	12/24	12000850	553,51
HP-DRY 500 PN420	12/24	12000851	553,51
HP-DRY 650 PN420	12/24	12000852	565,94
HP-DRY 800 PN420	12/24	12000853	665,45
HP-DRY 1000 PN420	12/24	12000854	665,45
HP-DRY 1200 PN420	12/24	12000855	802,28
HP-DRY 1400 PN420	12/24	12000856	802,28
HP-DRY 1600 PN420	12/24	12000857	802,28

SERVICE KITS 36 MONTHS			PG/10
SERVICE KIT TYPE	Months	CODE	Gross price EUR
HP-DRY 050 PN50	36	12000858	4.913,13
HP-DRY 100 PN50	36	12000859	5.000,20
HP-DRY 150 PN50	36	12000860	5.087,26
HP-DRY 250 PN50	36	12000861	5.298,71
HP-DRY 350 PN50	36	12000862	5.472,86
HP-DRY 500 PN50	36	12000863	5.721,62
HP-DRY 650 PN50	36	12000864	6.026,36
HP-DRY 050 PN100	36	12000865	9.002,15
HP-DRY 100 PN100	36	12000866	9.257,13
HP-DRY 150 PN100	36	12000867	9.313,11
HP-DRY 250 PN100	36	12000868	9.393,96
HP-DRY 350 PN100	36	12000869	9.481,02
HP-DRY 500 PN100	36	12000870	9.605,40
HP-DRY 650 PN100	36	12000871	9.767,11
HP-DRY 800 PN100	36	12000872	9.903,93
HP-DRY 050 PN250	36	12000873	9.334,01
HP-DRY 100 PN250	36	12000874	9.365,10
HP-DRY 150 PN250	36	12000875	9.396,19
HP-DRY 250 PN250	36	12000876	9.427,28
HP-DRY 350 PN250	36	12000877	9.458,38
HP-DRY 500 PN250	36	12000878	9.489,48
HP-DRY 650 PN250	36	12000879	9.576,55
HP-DRY 800 PN250	36	12000880	9.756,90
HP-DRY 1000 PN250	36	12000881	9.819,09
HP-DRY 1200 PN250	36	12000882	9.862,63
HP-DRY 1400 PN250	36	12000883	9.899,94
HP-DRY 100 PN420	36	12000884	9.448,54
HP-DRY 150 PN420	36	12000885	9.485,86
HP-DRY 250 PN420	36	12000886	9.529,40
HP-DRY 350 PN420	36	12000887	9.610,25
HP-DRY 500 PN420	36	12000888	9.715,97
HP-DRY 650 PN420	36	12000889	9.753,29
HP-DRY 800 PN420	36	12000890	9.846,57
HP-DRY 1000 PN420	36	12000891	11.031,46
HP-DRY 1200 PN420	36	12000892	11.174,50
HP-DRY 1400 PN420	36	12000893	11.267,80
HP-DRY 1600 PN420	36	12000894	11.336,19

OPTIONAL EQUIPMENT		PG/9
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	1.659,09
Dew point sensor with cable connection	4000949	1.612,83
Dew point sensor measurement chamber	2505628	398,02
Controller ADC 2.2 (an upgrade from ADC 2.0)*		850,65

REMARK:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP,
- Web service access.

* Controller with 4-20 mA output for dew point and communication options (Modbus TCP/IP), Profinet TCP/IP, Web service access)

MAA-DRY

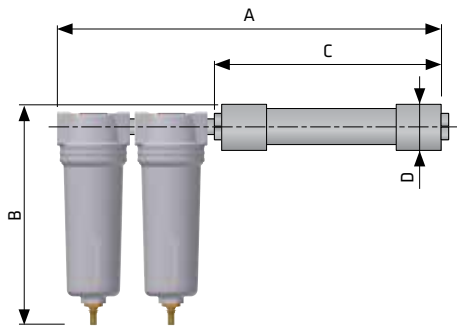
MEMBRANE DRYERS

operating pressure

12 bar

INCLUDED

- pre-filter XM with automatic drain AOK 16B and manometer PDI 16,
- pre-filter XS with automatic drain AOK 16B and manometer PDI 16.


TECHNICAL DATA & PRICES

PG/9

Model	Pipe size inch	Operating pressure bar	Flow rate *		Dimensions				CODE	Gross price EUR
			m ³ /h	scfm	A mm	B mm	C mm	D mm		
MAA-DRY 3	1/4	12	3	1,8	435	208	244	58	3514546	1.593,38
MAA-DRY 6	1/4	12	6	3,5	536	208	345	58	3514547	1.707,21
MAA-DRY 9	1/4	12	9	5,3	638	208	452	58	3514548	1.874,13
MAA-DRY 12	1/4	12	12	7,1	714	208	523	58	3514549	2.041,07
MAA-DRY 18	1/2	12	18	10,6	528	207	333	80	3514550	2.299,05
MAA-DRY 24	1/2	12	24	14,1	592	207	396	80	3514551	2.503,91
MAA-DRY 36	1/2	12	36	21,2	721	252	485	80	3514552	3.088,15
MAA-DRY 44	1/2	12	48	28,3	848	252	612	80	3514553	3.224,72
MAA-DRY 63	1/2	12	63	37,1	666	252	430	108	3514554	3.565,43
MAA-DRY 90	1/2	12	90	53	807	321	572	108	3514555	5.436,53
MAA-DRY 123	1/2	12	123	72,4	883	321	648	108	3514556	6.025,87
MAA-DRY 180	1	12	180	106,6	966	321	628	133	3514557	7.145,58

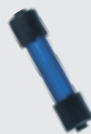
* At 7 bar, inlet dew point 35 °C, outlet dew point 15 °C.

OPERATING PRESSURE - CORRECTION FACTORS - C_{OP}

Operating pressure [bar]	4	5	6	7	8	9	10	11	12
Operating pressure [psi]	58	72	87	100	115	130	145	160	174
Correction factor	0,41	0,56	0,76	1	1,22	1,48	1,76	1,86	2,22

**M-DRY
MEMBRANE**

PG/9


MFP

Membrane model	M-DRY model	CODE	Gross Price (for membrane only) EUR
MFP 3	MAA-DRY 3	3505369	1.267,13
MFP 6	MAA-DRY 6	3505370	1.380,94
MFP 9	MAA-DRY 9	3505371	1.547,87
MFP 12	MAA-DRY 12	3505372	1.714,80
MFP 18	MAA-DRY 18	3505373	1.972,78
MFP 24	MAA-DRY 24	3505374	2.177,63
MFP 32	MAA-DRY 32	3505375	2.761,87
MFP 44	MAA-DRY 44	3505376	2.898,46
MFP 63	MAA-DRY 63	3506888	3.226,56
MFP 90	MAA-DRY 90	3506889	4.994,54
MFP 123	MAA-DRY 123	3506890	5.591,24
MFP 180	MAA-DRY 180	3506891	6.710,96

**FILTER
ELEMENTS**

PG/9



0,1 µm

microfilter



0,01 µm

finefilter

borosilicate micro fibres

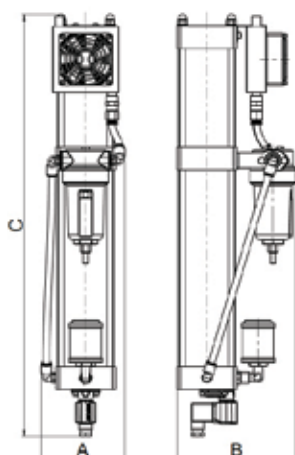
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price
			EUR
3844	25	MAA-DRY 3	25,73
3844	25	MAA-DRY 6	25,73
3844	25	MAA-DRY 9	25,73
3844	25	MAA-DRY 12	25,73
7050	30	MAA-DRY 18	25,73
7050	30	MAA-DRY 24	25,73
7050	78	MAA-DRY 32	32,95
7050	78	MAA-DRY 44	32,95
7050	78	MAA-DRY 63	32,95
14050	120	MAA-DRY 90	42,41
14050	120	MAA-DRY 123	42,41
12075	198	MAA-DRY 180	53,39

PICO-DRY

HEATLESS REGENERATED ADSORPTION DRYER (PISTON COMPRESSOR)

operating pressure

16 bar



TECHNICAL DATA & PRICES

PG/9

Model	Connection IN/OUT inch	Operating pressure bar	Inlet flow rate ⁽¹⁾ m ³ /h	Outlet flow rate ⁽²⁾ m ³ /h	Dimensions			Mass kg	Filter type	CODE	Gross price
					A mm	B mm	C mm				EUR
PICO-DRY 06	G 1/4	16	6	/*	638	196	269	10,5	AAF 0026	12000290	1.103,60
PICO-DRY 12	G 1/4	16	12	/*	938	196	269	13,5	AAF 0026	12000291	1.184,49

⁽¹⁾ Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet down to -40 °C.

⁽²⁾ Heatless regenerated dryers normally consume approx. 15-20 % of air for regeneration. Actual consumption of PICO-DRY depend on compressor duty cycle. Volume of 1 vessel (adsorption).

CORRECTION FACTORS

Operating pressure [bar]	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,0	2,13

CORRECTION FACTORS

Operating temperature [°C]	25	30	35	40	45	50
Operating temperature [°F]	77	86	95	104	113	122
Correction factor	1	1	1	0,97	0,87	0,80

CORRECTION FACTORS

Dew point [°C]	-25	-40
Dew point [°F]	-13	-40
Correction factor	1,1	1

PICO-DRY SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- valves
- sealings
- packaging

Service kit - 48 months

- elements
- silencers
- valves
- adsorbent
- sealings
- packaging

SERVICE KITS

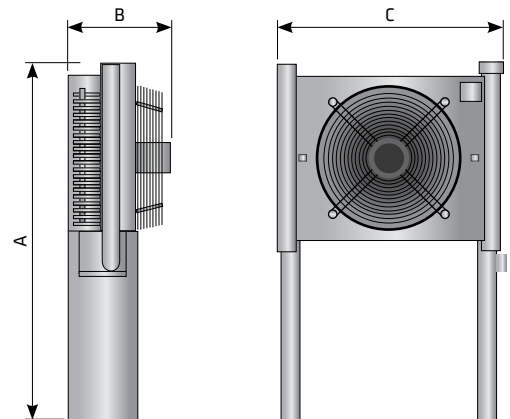
PG/9

SERVICE KIT TYPE	CODE	Gross price EUR
PICO-DRY 06-12 (12/36/60 month replacement kits)	12000292	108,08
PICO-DRY 06-12 (24 month replacement kit)	12000293	156,39
PICO-DRY 06 (48 month replacement kit)	12000296	295,87
PICO-DRY 12 (48 month replacement kit)	12000297	332,10

ACA

AIR COOLED AFTERCOOLERS

operating pressure

15 bar

TECHNICAL DATA & PRICES

PG/9

Model	Flow rate		Pipe size	Power supply	Fan		Dimensions			Mass	CODE	Gross price EUR
	Nm ³ /h	scfm			inch/DN	ph/V/Hz	ø mm	W	A mm			
ACA 003	66	39	G 1	1/230/50	250	40/52	930	320	410	19	3506896	941,81
ACA 007	126	74	G 1	1/230/50	250	40/52	930	320	410	20	3506897	964,93
ACA 010	222	131	G 1 1/2	3/400/50	400	110	1.030	370	570	27	3506898	1.340,50
ACA 018	294	173	G 1 1/2	3/400/50	400	130	1.030	390	570	29	3506899	1.554,28
ACA 030	390	230	G 2	3/400/50	500	540	1.140	420	770	44	3506900	1.808,51
ACA 047	522	307	G 2	3/400/50	500	540	1.280	440	770	48	3506901	1.958,74
ACA 070	774	456	G 2	3/400/50	630	Δ620/Y440	1.450	570	780	61	3506902	2.877,44
ACA 094	990	583	G 2 1/2	3/400/50	630	Δ620/Y440	1.450	570	780	66	3506903	3.293,46
ACA 150	1260	742	DN100	3/400/50	800	1470	1.640	570	1.620	127	3506904	5.887,78
ACA 175	1560	918	DN100	3/400/50	800	1470	1.640	570	1.680	143	3506905	6.170,90
ACA 240	1890	1112	DN100	3/400/50	800	1470	1.640	570	1.680	148	3506906	6.465,58
ACA 300	2520	1483	DN100	3/400/50	800	1470	1.640	570	1.680	166	3506907	9.007,90
ACA 450	3090	1819	DN125	3/400/50	2x800	1470	2.150	660	2.540	212	3506908	12.653,82
ACA 600	4500	2649	DN125	3/400/50	2x800	1470	2.150	720	2.540	315	3506909	13.277,84

REMARK:

- The compressed air is cooled down to approximately 10 °C above the ambient temperature.

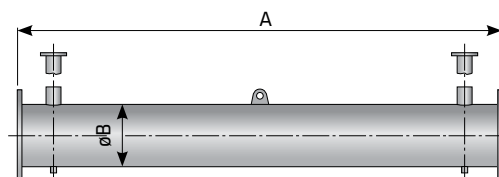
CORRECTION FACTOR

Operat. pressure [bar]	2	3	4	5	6	7	8	9	10	12	13	14	15
Operat. pressure [psi]	29	44	58	72	87	100	115	130	145	174	189	203	218
Correction factor	0,38	0,50	0,77	0,86	0,93	1,00	1,13	1,25	1,38	1,50	1,75	1,88	2,0

ACW

WATER COOLED AFTERCOOLERS

operating pressure

10 bar


TECHNICAL DATA & PRICES										PG/9		
ACW SS model fixed stainless steel tubes	CODE	Gross price EUR	ACW Cu model fixed copper tubes	CODE	Gross price EUR	Connections		Flow capacity ⁽¹⁾		Operating pressure bar	Dimensions	
						Air	Water	Nm ³ /h	scfm		A mm	B mm
ACW 195F DN100/32 SS	3519900	4.317,41	ACW 195F DN100/32 Cu	3519911	3.118,85	DN100	DN32	510	315	10	1.250	114,3
ACW 200F DN100/32 SS	3519901	4.494,46	ACW 200F DN100/32 Cu	3519912	3.282,36	DN100	DN32	1.000	620	10	1.500	114,3
ACW 220F DN100/32 SS	3519902	4.671,51	ACW 220F DN100/32 Cu	3519913	3.441,26	DN100	DN32	1.760	1.090	10	1.750	114,3
ACW 235F DN100/32 SS	3519903	4.848,57	ACW 235F DN100/32 Cu	3519914	3.609,17	DN100	DN32	2.200	1.365	10	2.000	114,3
ACW 320F DN125/40 SS	3519904	5.638,50	ACW 320F DN125/40 Cu	3519915	4.149,42	DN125	DN40	2.850	1.765	10	1.500	139,7
ACW 330F DN125/40 SS	3519905	5.892,74	ACW 330F DN125/40 Cu	3519916	4.376,37	DN125	DN40	3.940	2.440	10	1.750	139,7
ACW 380F DN150/40 SS	3519906	6.641,81	ACW 380F DN150/40 Cu	3519917	5.025,59	DN150	DN40	4.500	2.790	10	1.500	168,3
ACW 385F DN150/40 SS	3519907	7.000,46	ACW 385F DN150/40 Cu	3519918	5.352,50	DN150	DN40	5.300	3.285	10	1.750	168,3
ACW 500F DN200/50 SS	3519908	10.355,42	ACW 500F DN200/50 Cu	3519919	7.785,86	DN200	DN50	5.820	3.610	10	1.500	219,0
ACW 1000F DN250/100 SS	3519909	14.327,79	ACW 1000F DN250/100 Cu	3519920	10.895,69	DN250	DN100	8.520	5.280	10	1.500	273,0
ACW 1400F DN300/100 SS	3519910	18.549,85	ACW 1400F DN300/100 Cu	3519921	14.227,86	DN300	DN100	12.550	7.780	10	1.500	323,9

SIZING CONDITIONS:

Compressed air flow at 7 bar(g) working pressure and 50 °C inlet temperature (100 % saturated).

Compressed air outlet temperature 10 °C higher than inlet cooling water temperature, 5 °C cooling water differential temperature.

CONDITIONS:

Shell side: max. pressure 10 bar and temperature range -10 °C/90 °C.

Tube side: max. pressure 10 bar and temperature range -10 °C/200 °C.

REMARKS:

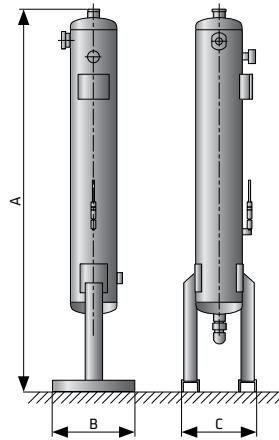
Different models for different flow rates, also with higher max. prellsure and higher max. inlet temperature are available on request.

For each specific project-related case we recommend to check actual sizing and performance of aftercooler with Omega Air distributor/factory.

TAC

ACTIVATED CARBON TOWER

operating pressure

16 bar

REMARK:

- TACm does not include OCI.
- TAC/TAC F include OCI.

TECHNICAL DATA & PRICES

PG/9

Model	Pipe size inch	Operating pressure bar	Flow rate at 7 bar(g), 20 °C		Dimensions			Mass kg	CODE	Gross price EUR
			Nm ³ /h	scfm	A mm	B mm	C mm			
TACm 6	3/8	16	6	3,5	492	164	130	4	3505435	494,84
TACm 12	3/8	16	12	7,1	687	164	130	5,5	3505436	593,82
TACm 23	3/8	16	24	14,1	1.077	164	130	8,2	3505437	804,94
TACm 35	3/8	16	36	21,1	1.466	164	130	11,1	3505438	1.016,07
TACm 56	3/4	16	60	35,3	1.082	212	160	17,4	3505439	1.550,50
TACm 70	3/4	16	75	41,1	1.277	212	160	20,3	3505440	1.768,23
TACm 105	3/4	16	117	61,8	1.677	212	160	26	3505441	2.203,70
TACm 150	1	16	150	88,9	1.393	328	240	50	3513510	2.397,10
TACm 200	1	16	200	117,7	1.608	328	240	57,5	3508073	2.596,34
TAC 110	1	16	110	86	1.545	350	287	45	3510123	2.527,00
TAC 150	1	16	150	117	1.795	350	287	52	3510124	2.705,13
TAC 200	1	16	200	157	1.550	400	318	71	3510125	2.915,54
TAC 250	1	16	250	204	1.800	400	318	83	3510126	3.093,40
TAC 300	1 1/2	16	300	251	1.565	450	373	97	3510127	3.562,33
TAC 400	1 1/2	16	400	321	1.815	450	373	114	3510128	4.042,45
TAC 600	1 1/2	16	590	462	1.880	450	425	160	3510129	4.757,65
TAC 800	2	16	770	603	1.930	650	452	201	3510130	5.790,03
TAC 1000	2	16	1.000	784	1.985	600	503	242	3509901	6.797,53
TAC 1200 F	DN50	16	1.200	936	2.070	550	590	280	3509902	10.603,65
TAC 1500 F	DN65	16	1.500	1.170	2.110	620	650	355	3509903	11.934,56
TAC 2000 F	DN65	16	2.000	1.560	2.195	700	750	420	3509904	13.389,83
TAC 2500 F	DN80	16	2.500	1.950	2.235	760	800	510	3509905	15.199,61
TAC 3000 F	DN80	16	3.000	2.340	2.305	900	860	595	3509906	16.717,07
TAC 3750 F	DN100	16	3.750	2.925	2.370	800	970	745	3509907	19.633,85
TAC 5000 F	DN100	16	5.000	3.900	2.500	950	1.100	960	3509908	20.840,37
TAC 6500 F	DN125	16	6.500	5.070	2.575	1.100	1.210	1.300	3509909	24.248,47

*At 7 bar, inlet dew point 35 °C, outlet dew point 15 °C.

SERVICE KITS

PG/9

TAC model	CODE	Gross price EUR
TACm 6	3505985	112,16
TACm 12	3505986	207,17
TACm 23	3505987	394,55
TACm 35	3505988	580,62
TACm 56	3505989	609,64
TACm 70	3505990	749,52
TACm 105	3505991	1049,06
TACm 150	3513527	1135,14
TACm 200	3513528	1316,28
TAC 110	3510131	223,89
TAC 150	3510132	279,86
TAC 200	3510133	286,08
TAC 250	3510134	404,24
TAC 300	3510135	416,69
TAC 400	3510136	541,07
TAC 600	3510137	789,83
TAC 800	3510138	1038,60
TAC 1000	3509910	1.287,36
TAC 1200 F	3509911	1.529,91
TAC 1500 F	3509912	1.778,67
TAC 2000 F	3509913	2.394,37
TAC 2500 F	3509914	3.022,50
TAC 3000 F	3509915	3.271,27
TAC 3750 F	3509916	4.533,76
TAC 5000 F	3509917	5.180,55
TAC 6500 F	3509918	7.537,60

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,0	2,13

**ACCESSORIES
FOR TAC/TAC F**

PG/9



OCI



OCI service kit

Gross Price [EUR]

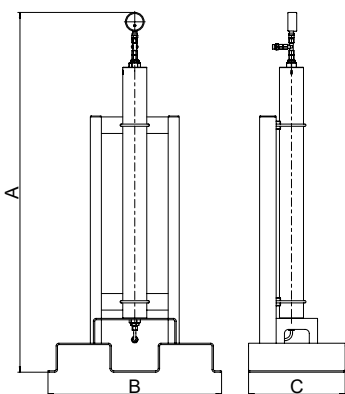
323,30**250,72**
CORRECTION FACTORS

Operating temperature [°C]	20	25	30	35	40	45	50
Correction factor	1	0,98	0,97	0,92	0,86	0,75	0,60

TAC HP

HIGH PRESSURE ACTIVATED CARBON TOWER

operating pressure

50 / 100 / 250 / 420 bar


TECHNICAL DATA & PRICES										PG/9	
Model	Pipe size inch	Operating pressure		Flow rate		Dimensions			Mass kg	CODE	Gross price EUR
		bar		Nm ³ /h	scfm	A mm	B mm	C mm			
TAC HP 50 PN50	3/8	50		50	29	1.200	630	350	52	12000692	4.801,19
TAC HP 100 PN50	3/8			100	59	1.250	630	350	60	12000693	5.939,29
TAC HP 150 PN50	3/8			150	88	1.550	630	350	68	12000694	8.153,30
TAC HP 250 PN50	3/8			250	147	1.700	630	350	104	12000695	10.155,87
TAC HP 350 PN50	1/2			350	206	1.700	680	450	128	12000696	14.720,73
TAC HP 500 PN50	1/2			500	294	1.920	680	450	164	12000697	16.760,62
TAC HP 650 PN50	1/2			650	383	2.250	680	450	184	12000698	18.794,27
TAC HP 50 PN100	3/8	100		50	29	1.250	630	350	50	12000699	5.460,41
TAC HP 100 PN100	3/8			100	59	1.350	630	350	68	12000700	5.877,09
TAC HP 150 PN100	3/8			150	88	1.650	630	350	80	12000701	7.394,57
TAC HP 250 PN100	3/8			250	147	1.550	630	350	84	12000702	11.057,65
TAC HP 350 PN100	1/2			350	206	1.460	630	350	108	12000703	12.575,12
TAC HP 500 PN100	1/2			500	294	1.700	630	350	116	12000704	14.136,13
TAC HP 650 PN100	1/2			650	383	1.800	680	450	152	12000705	15.889,93
TAC HP 800 PN100	1/2		800	471	1.850	680	450	192	12000706	19.559,23	
TAC HP 50 PN250	3/8	250		50	29	1.000	630	350	38	12000707	6.567,42
TAC HP 100 PN250	3/8			100	59	1.360	630	350	54	12000708	7.929,42
TAC HP 150 PN250	3/8			150	88	1.600	630	350	58	12000709	9.639,68
TAC HP 250 PN250	3/8			250	147	1.500	630	350	72	12000710	12.127,34
TAC HP 350 PN250	1/2			350	206	1.500	630	350	120	12000711	14.615,00
TAC HP 500 PN250	1/2			500	294	1.500	630	350	112	12000712	15.156,07
TAC HP 650 PN250	1/2			650	383	1.500	680	450	160	12000713	16.163,57
TAC HP 800 PN250	1/2		800	471	1.550	680	450	184	12000714	20.212,25	
TAC HP 1000 PN250	1/2		1.000	589	1.600	680	450	232	12000715	26.624,18	
TAC HP 1200 PN250	1/2		1.200	706	1.550	680	450	248	12000716	29.304,64	
TAC HP 1400 PN250	1/2		1.400	824	1.650	680	450	260	12000717	31.487,55	
TAC HP 100 PN420	3/8	420		100	59	1.120	630	350	48	12000718	6.685,58
TAC HP 150 PN420	3/8			150	88	1.360	630	350	54	12000719	8.004,04
TAC HP 250 PN420	3/8			250	147	1.450	630	350	76	12000720	12.127,34
TAC HP 350 PN420	1/2			250	206	1.350	630	350	108	12000721	15.081,44
TAC HP 500 PN420	1/2			500	294	1.380	630	350	124	12000722	16.250,64
TAC HP 650 PN420	1/2			650	383	1.450	630	350	176	12000723	18.035,55
TAC HP 800 PN420	1/2			800	471	1.230	630	350	170	12000724	20.604,05
TAC HP 1000 PN420	1/2		1.000	589	1.450	630	350	240	12000725	23.943,73	
TAC HP 1200 PN420	1/2		1.200	706	1.450	680	450	340	12000726	25.654,00	
TAC HP 1400 PN420	1/2		1.400	824	1.500	680	450	320	12000727	28.999,90	
TAC HP 1600 PN420	1/2		1.600	942	1.450	680	450	480	12000728	31.406,71	

TAC HP SERVICE KITS		PG/9
TAC HP model	CODE	Gross price EUR
TAC HP 50 PN50	3402600	52,12
TAC HP 100 PN50	3402601	87,63
TAC HP 150 PN50	3402602	117,29
TAC HP 250 PN50	3402603	177,12
TAC HP 350 PN50	3402604	239,68
TAC HP 500 PN50	3402605	294,10
TAC HP 650 PN50	3402606	422,21
TAC HP 50 PN100	3402607	41,05
TAC HP 100 PN100	3402608	54,17
TAC HP 150 PN100	3402609	67,66
TAC HP 250 PN100	3402610	103,17
TAC HP 350 PN100	3402611	129,47
TAC HP 500 PN100	3402612	174,39
TAC HP 650 PN100	3402613	220,66
TAC HP 800 PN100	3402614	262,81
TAC HP 50 PN250	3402615	34,52
TAC HP 100 PN250	3402616	40,05
TAC HP 150 PN250	3402617	44,52
TAC HP 250 PN250	3402618	54,23
TAC HP 350 PN250	3402619	65,55
TAC HP 500 PN250	3402620	93,16
TAC HP 650 PN250	3402621	109,40
TAC HP 800 PN250	3402622	128,81
TAC HP 1000 PN250	3402623	148,89
TAC HP 1200 PN250	3402624	185,76
TAC HP 1400 PN250	3402625	217,17
TAC HP 100 PN420	3402626	35,89
TAC HP 150 PN420	3402627	40,05
TAC HP 250 PN420	3402628	44,50
TAC HP 350 PN420	3402629	52,12
TAC HP 500 PN420	3402630	60,77
TAC HP 650 PN420	3402631	86,95
TAC HP 800 PN420	3402632	95,89
TAC HP 1000 PN420	3402633	114,25
TAC HP 1200 PN420	3402634	126,74
TAC HP 1400 PN420	3402635	147,46
TAC HP 1600 PN420	3402636	154,36

Replace activated carbon every 12 months or sooner if required. Check residual oil content with oil indicator monthly.

CORRECTION FACTORS - OPERATING PRESSURE - HP-TAC PN50						
Operating pressure [bar]	25	30	35	40	45	50
Operating pressure [psi]	363	435	508	580	653	725
Correction factor C _{op}	0,51	0,61	0,71	0,81	0,9	1

CORRECTION FACTORS - OPERATING PRESSURE - HP-TAC PN100						
Operating pressure [bar]	50	60	70	80	90	100
Operating pressure [psi]	725	870	1015	1160	1305	1450
Correction factor C _{op}	0,5	0,6	0,7	0,8	0,9	1

CORRECTION FACTORS - OPERATING PRESSURE - HP-TAC PN250						
Operating pressure [bar]	110	130	160	190	220	250
Operating pressure [psi]	1595	1885	2320	2755	3190	3625
Correction factor C _{op}	0,44	0,52	0,64	0,76	0,88	1

CORRECTION FACTORS - OPERATING PRESSURE - HP-TAC PN420								
Operating pressure [bar]	250	275	300	325	350	375	400	420
Operating pressure [psi]	3625	3990	4350	4715	5075	5440	5800	6091
Correction factor C _{op}	0,59	0,65	0,71	0,77	0,83	0,89	0,95	1

CORRECTION FACTORS - OPERATING TEMPERATURE							
Operating temperature [°C]	20	25	30	35	40	45	50
Correction factor	1	0,98	0,97	0,92	0,86	0,75	0,6

SORBEO

ADSORBENTS

operating pressure

16 bar


SORBEO MS 3A - Molecular sieve

PG/9

Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO MS3-S	Granule 2,5 - 5,0	0,7	5,8 L container	4	3701177	89,68
SORBEO MS3-M			16,6 L container	11,5	3701178	237,02
SORBEO MS3-L			35,4 L container	24	3701179	377,93
SORBEO MS3-XL			216,5 L barrel	150	3701180	2.107,48
SORBEO MS3-XXL			4 x barrel	600	3701181	7.674,06



SORBEO MS 4A - Molecular sieve

PG/9

Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO MS4-S	Granule 2,5 - 5,0	0,7	5,8 L container	4	3701133	64,07
SORBEO MS4-M			16,6 L container	11,5	3701134	153,74
SORBEO MS4-L			35,4 L container	24	3701135	289,53
SORBEO MS4-XL			220 L barrel	150	3701136	1.729,55
SORBEO MS4-XXL			Big bag	800	3701137	7.302,53



SORBEO MS10 A - Molecular sieve

PG/9

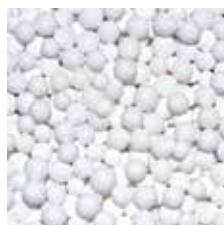
Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO MS10 A-S	Granule 2,5 - 5,0	0,64	5,8 L container	3,5	3701182	126,84
SORBEO MS10 A-M			16,6 L container	10,5	3701183	313,88
SORBEO MS10 A-L			35,4 L container	22	3701184	627,76
SORBEO MS10 A-XL			216,5 L barrel	130	3701185	3.324,58
SORBEO MS10 A-XXL			4x barrel	520	3701186	12.555,22



SORBEO MS10 O₂ - Molecular sieve

PG/9

Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO MS10 O2-S	Granule 1,6 - 2,6	0,68	5,6 L container	3,8	3701839	138,32
SORBEO MS10 O2-M			17 L container	11	3701840	328,54
SORBEO MS10 O2-L			35,4 L container	23,5	3701841	639,86
SORBEO MS10 O2-XL			189,5 L barrel	125	3701842	2.882,67



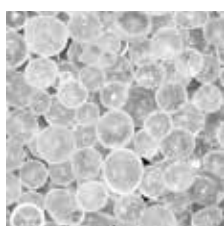
SORBEO AA - Activated Alumina

PG/9

Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO AA-S	Granule 2,0 - 5,0	0,77	5,8 L container	4	3701148	64,07
SORBEO AA-M			16,6 L container	12	3701149	147,33
SORBEO AA-L			35,4 L container	27	3701150	281,85
SORBEO AA-XL			220 L barrel	170	3701151	1.665,49
SORBEO AA-XXL			Big bag	907	3701152	7.686,87



SORBEO SGWS - Water resistant silica gel						PG/9
Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO SGWS-S	Granule 2,0 - 5,0	0,7	5,8 L container	4	3701452	115,32
SORBEO SGWS-M			16,6 L container	11,5	3701453	296,46
SORBEO SGWS-L			35,4 L container	24	3701454	549,47
SORBEO SGWS-XL			220 L barrel	150	3701455	3.006,92
SORBEO SGWS-XXL			Big bag	750	3701456	14.387,22



SORBEO SGR - Silica Gel						PG/9
Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO SGR-S	Granule 2,0 - 5,0	0,7	5,8 L container	4	3701143	70,47
SORBEO SGR-M			16,6 L container	11,5	3701144	185,76
SORBEO SGR-L			35,4 L container	24	3701145	320,29
SORBEO SGR-XL			220 L barrel	150	3701146	1.870,47
SORBEO SGR-XXL			Big bag	500	3701147	5.124,57



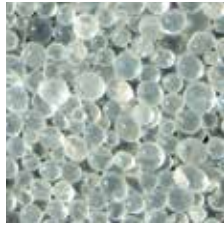
SORBEO AC - Activated Carbon						PG/9
Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO AC-S	Pellet 3	0,5	5,8 L container	2,7	3701128	44,83
SORBEO AC-M			16,6 L container	7,8	3701129	107,22
SORBEO AC-L			35,4 L container	16,5	3701130	196,64
SORBEO AC-XL			220 L barrel	103	3701131	1.144,32



SORBEO HC - Catalyst						PG/9
Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO HC-S	Granule 3	0,9	5,8 L container	5	3701153	1.217,09
SORBEO HC-M			16,6 L container	14	3701154	3.138,80
SORBEO HC-L			35,4 L container	31	3701155	6.661,95
SORBEO HC-XL			220 L barrel	190	3701156	40.996,64



SORBEO CMS - Carbon Molecular Sieve						PG/9
Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO CMS-S	Pellets 1,18 ± 0,2	0,68 - 0,71	30 L container	20	3701370	1.179,68
SORBEO CMS-M			4x30 L container	80	3701371	4.243,36
SORBEO CMS-L			8x30 L container	160	3701372	7.321,88
SORBEO CMS-XL			16x30 L container	320	3701373	14.200,01



SORBEO SGC - Silica gel						PG/9
Model	Shape mm	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO SGC-S	Granulate 2 - 5	0,8	5,8 L container	4,8	3701360	199,02
SORBEO SGC-M			16,6 L container	11,5	3701361	640,58
SORBEO SGC-L			35,4 L container	24	3701362	1.082,12
SORBEO SGC-XL			220 L barrel	150	3701363	6.212,93



SORBEO SL - Soda lime						PG/9
Model	Shape	Bulk density kg/l	Package	Mass kg	CODE	Gross price EUR
SORBEO SL-S	Hemispherical pellet	0,93	5,8 L container	5,3	3701585	326,05
SORBEO SL-M			16,6 L container	15,4	3701586	863,44
SORBEO SL-L			35,4 L container	32,9	3701587	1.696,69
SORBEO SL-XL			220 L barrel	204,6	3701588	9.890,26

N-GEN

PSA NITROGEN GENERATORS

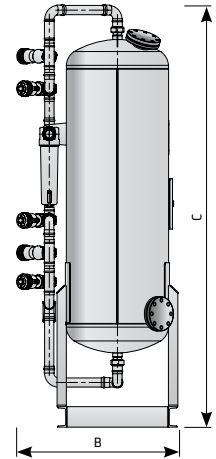
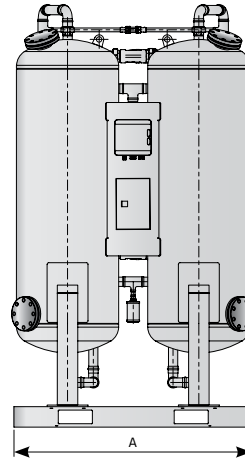
operating pressure

6-10 bar



INCLUDED

- pre-filter with automatic drain AOK 16B and manometer PDI 16 (N-GEN 03-200), MDM 40 (N-GEN250-400),
- after-filter with manual drain MCD and manometer PDI 16 (N-GEN 03-200), MDM 40 (N-GEN250-400),
- controller (NGC 1.0) without external interface, with control lamps and switches.



TECHNICAL DATA & PRICES								PG/9
Model	Connection		Dimensions			Mass kg	CODE	Gross price EUR
	In "	Out "	L mm	B mm	H mm			
N-GEN 03	1/2	1/2	1.097	550	1.665	171	12001078	17.774,33
N-GEN 05	1/2	1/2	1.126	550	1.768	191	12001137	18.271,87
N-GEN 10	1/2	1/2	1.100	550	1.674	230	12001140	19.839,08
N-GEN 15	1/2	1/2	1.102	550	1.804	310	12001144	22.364,06
N-GEN 20	1	1/2	1.152	550	1.968	345	12001148	27.277,20
N-GEN 25	1	1/2	1.282	760	2.094	585	12001152	32.289,83
N-GEN 35	1	1/2	1.398	760	2.103	720	12001156	42.601,18
N-GEN 50	1	1/2	1.450	760	2.140	870	12001159	49.485,78
N-GEN 65	1	1/2	1.650	860	2.211	955	12001550	55.847,98
N-GEN 80	1	1	1.749	860	2.361	1.215	12001552	64.546,33
N-GEN 100	2	1	2.003	1.010	2.273	1.660	12001554	73.261,59
N-GEN 150	2	1	2.107	1.180	2.387	2.540	12001556	94.468,89
N-GEN 200	2	2	2.434	1.325	2.404	3.035	12001558	111.820,33
N-GEN 250	2	2	2.603	1.425	2.510	4.100	12001560	141.672,25
N-GEN 300	2	2	2.815	1.630	2.629	4.998	12001562	168.538,97
N-GEN 400	DN65 FLG	DN40 FLG	3.100	1.690	2.889	6.850	12001564	201.500,47

PERFORMANCE at inlet temperature 30 °C				Residual Oxygen [vol. %]												
Type	N ₂ flow [Nm ³ /h]	Inlet pressure barg	Discharge pressure barg	Total inert gas purity [vol. %]												
				97	98	99	99,5	99,9	99,99	99,999						
N-GEN 03	N ₂ flow [Nm ³ /h]	7,5	6,3	5,84	5,58	5,13	3,63	2,74	1,61	0,90						
	Feed air consumption [Nm ³ /h]			12,3	12,0	11,0	10,2	10,2	8,1	5,2						
N-GEN 05	N ₂ flow [Nm ³ /h]	7,5	6,3	9,34	8,91	8,21	5,80	4,39	2,58	1,44						
	Feed air consumption [Nm ³ /h]			19,6	19,2	17,6	16,2	16,2	12,9	8,3						
N-GEN 10	N ₂ flow [Nm ³ /h]	7,5	6,3	14,4	13,7	12,6	8,9	6,8	4,0	2,2						
	Feed air consumption [Nm ³ /h]			30,2	29,5	27,2	25,0	25,0	19,8	12,8						
N-GEN 15	N ₂ flow [Nm ³ /h]	7,5	6,3	23,8	22,7	20,9	14,8	11,2	6,6	3,7						
	Feed air consumption [Nm ³ /h]			49,9	48,8	44,9	41,3	41,3	32,8	21,2						
N-GEN 20	N ₂ flow [Nm ³ /h]	7,5	6,3	28,6	27,3	25,1	17,7	13,4	7,9	4,4						
	Feed air consumption [Nm ³ /h]			60,0	58,6	54,0	49,7	49,7	39,4	25,4						
N-GEN 25	N ₂ flow [Nm ³ /h]	7,5	6,3	42,7	40,7	37,5	26,5	20,0	11,8	6,6						
	Feed air consumption [Nm ³ /h]			89,6	87,6	80,6	74,2	74,2	58,9	38,0						
N-GEN 35	N ₂ flow [Nm ³ /h]	7,5	6,3	67,7	64,6	59,5	42,0	31,8	18,7	10,5						
	Feed air consumption [Nm ³ /h]			142,1	138,8	127,8	117,7	117,6	93,3	60,2						
N-GEN 50	N ₂ flow [Nm ³ /h]	7,5	6,3	86,9	82,9	76,3	54,0	40,8	24,0	13,4						
	Feed air consumption [Nm ³ /h]			182,4	178,3	164,1	151,1	151,0	119,8	77,3						
N-GEN 65	N ₂ flow [Nm ³ /h]	7,5	6,3	106,6	101,7	93,6	66,2	50,1	29,4	16,5						
	Feed air consumption [Nm ³ /h]			223,8	218,7	201,3	185,4	185,2	146,9	94,9						
N-GEN 80	N ₂ flow [Nm ³ /h]	7,5	6,3	118,8	113,4	104,4	73,8	55,8	32,8	18,4						
	Feed air consumption [Nm ³ /h]			249,5	243,8	224,5	206,6	206,5	163,8	105,8						
N-GEN 100	N ₂ flow [Nm ³ /h]	7,5	6,3	178,2	170,1	156,6	110,7	83,7	49,2	27,5						
	Feed air consumption [Nm ³ /h]			374,3	365,8	336,8	310,0	309,8	245,8	158,7						
N-GEN 150	N ₂ flow [Nm ³ /h]	7,5	6,3	273,9	261,4	240,7	170,1	128,6	75,5	42,3						
	Feed air consumption [Nm ³ /h]			575,2	562,1	517,5	476,4	476,0	377,7	243,8						
N-GEN 200	N ₂ flow [Nm ³ /h]	7,5	6,3	344,3	328,6	302,5	213,9	161,7	94,9	53,2						
	Feed air consumption [Nm ³ /h]			723,0	706,5	650,5	598,8	598,3	474,7	306,5						
N-GEN 250	N ₂ flow [Nm ³ /h]	7,5	6,3	419,2	400,2	368,4	260,4	196,9	115,6	64,8						
	Feed air consumption [Nm ³ /h]			880,4	860,4	792,1	792,2	728,6	578,0	373,2						
N-GEN 300	N ₂ flow [Nm ³ /h]	7,5	6,3	534,6	510,3	469,8	332,1	251,1	147,4	82,6						
	Feed air consumption [Nm ³ /h]			1.122,7	1.097,1	1.010,1	929,9	929,1	737,1	475,9						
N-GEN 400	N ₂ flow [Nm ³ /h]	7,5	6,3	727,8	694,7	639,6	452,1	341,8	200,7	112,5						
	Feed air consumption [Nm ³ /h]			1.528,4	1.493,6	1.375,1	1.265,9	1.264,8	1.003,5	647,9						

All flow rates refers to all compressed air temperature 30 °C and 7,5 barg ± performance 5 %.

CORRECTION FACTORS FOR COMPRESSED AIR TEMPERATURE

Compressed air temperature [°C]	10	15	20	25	30	35	40	45	50	55
Correction factor	0,92	0,97	1	1	1	1	0,96	0,88	0,79	0,67

CORRECTION FACTORS PRESSURE

Nitrogen purity [%]	95	96	97	98	99	99,50	99,90	99,99	99,999	
Inlet pressure [barg]	6	0,88	0,89	0,90	0,91	0,92	0,92	0,93	0,94	0,96
	7	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
	8	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
	9	1,11	1,10	1,10	1,10	1,09	1,09	1,08	1,07	1,08
	10	1,13	1,13	1,13	1,12	1,12	1,11	1,11	1,10	1,09

N-GEN

SERVICE KITS

Service kit - 12/24/36/60 months

- elements
- silencers
- packaging

Service kit - 72 months

- elements
- silencers
- valve set
- adsorbent
- sealings
- packaging

SERVICE KITS		PG/9
SERVICE KIT TYPE	CODE	Gross price EUR
EVERY 12 MONTHS/2.500 H KIT SERVICE KITS		
N-GEN 03-15/12	12001016	166,06
N-GEN 20-50/12	12001017	193,42
N-GEN 65-80/12	12000743	261,45
N-GEN 100-150/12	12000744	293,05
N-GEN 200-300/12	12000745	404,24
N-GEN 400/12	12001018	516,20

SERVICE KITS		PG/9
SERVICE KIT TYPE	CODE	Gross price EUR
72 MONTH KITS		
N-GEN 03/72	12000746	5.485,29
N-GEN 05/72	12000747	5.591,02
N-GEN 10/72	12000748	6.996,55
N-GEN 15/72	12000749	8.171,96
N-GEN 20/72	12000750	10.852,41
N-GEN 25/72	12000751	13.588,84
N-GEN 35/72	12000752	19.130,10
N-GEN 50/72	12000753	23.576,80
N-GEN 65/72	12000754	31.282,33
N-GEN 80/72	12001548	40.273,53
N-GEN 100/72	12000755	49.230,79
N-GEN 150/72	12000756	67.993,96
N-GEN 200/72	12000757	85.395,15
N-GEN 250/72	12000758	109.413,51
N-GEN 300/72	12000759	142.393,66
N-GEN 400/72	12000760	179.061,78
48 MONTH KITS EQUIPMENT		
Oxygen Analyzer 0-1.000 ppm	2109120	3.352,12
24 MONTH KITS EQUIPMENT		
Oxygen Analyzer 0 - 25%	2109149	988,85

ADDITIONAL EQUIPMENT		PG/9
Type	CODE	Gross price EUR
Oxygen Analyzer 0-1.000 ppm	12000923	4.291,21
Oxygen Analyzer 0 - 25 %	12000922	2.798,62
Flow meter N-GEN 0 - 54 m ³ /h	4001059	1.889,69
Flow meter N-GEN 0 - 186 m ³ /h	4001061	2.799,25
Flow meter N-GEN 4 - 1000 m ³ /h	4000815	3.588,45
Temperature Transmitter	12000924	652,91
Inlet pressure transmitter 05 16	4000824	293,43
Interface KTM 400 basic (NGC 2.0)*	5010512	1.710,27
Dew point sensor Easidew	2505872	1.659,09
Off-spec valve 0 - 50 Nm ³ /h	4001090	1.437,04
Off-spec valve 50 - 250 Nm ³ /h	4001147	2.391,05
Off-spec valve 250 - 1000 Nm ³ /h	4001040	3.465,82

* Controller NGC 1.0 / 2.0 has 3 free connections 4 to 20 mA + 1 RTD.

NOTE:

Standard communication (type must be specified with the order):

- Profinet TCP/IP,
- Modbus TCP/IP,
- Web service access

AFTERMARKET SERVICE		PG/9
Type	CODE	Gross price EUR
Testing in presence of customer	1058	621,92 (net price)
Comming on site (excluding transport costs)	1059	995,07/day (net price)

NM-GEN

MEMBRANE NITROGEN GENERATORS

Available from end of the year 2021

operating pressure

5-24 bar



NM-GEN 2-50

NM-GEN 75-500

INCLUDED

- One condensate separator and two inlet filters

TECHNICAL DATA & PRICES										PG/9
Model	Connection			Dimensions			Mass kg	No. of membranes pics	CODE	Gross Price EUR
	In "	Out "	Purge "	Height mm	Width mm	Depth mm				
NM-GEN 2	1/2	1/2	1/2	1.325	428	530	51	1	12001237	8.247,92
NM-GEN 4	1/2	1/2	1/2	1.325	428	530	52	1	12001238	9.292,50
NM-GEN 6	1/2	1/2	1/2	1.325	428	530	55	1	12001239	11.176,36
NM-GEN 10	3/4	3/4	3/4	1.925	558	630	103	1	12001240	15.016,54
NM-GEN 25	3/4	3/4	3/4	1.925	558	630	112	1	12001241	30.703,29
NM-GEN 50	3/4	3/4	3/4	1.925	558	630	130	2	12001242	57.016,93
NM-GEN 75	2	2	2	2.253	960	1.050	291	3	12001243	87.653,80
NM-GEN 100	2	2	2	2.253	960	1.050	310	4	12001244	113.846,68
NM-GEN 125	2	2	2	2.253	960	2.050	520	5	12001245	143.843,51
NM-GEN 150	2	2	2	2.253	960	2.050	539	6	12001246	170.012,26
NM-GEN 175	2	2	2	2.253	960	2.050	557	7	12001247	194.423,92
NM-GEN 200	2	2	2	2.253	960	2.050	576	8	12001248	220.290,75
NM-GEN 225	2	2	2	2.253	960	2.050	594	9	12001249	243.875,22
NM-GEN 250	2	2	2	2.253	960	2.050	613	10	12001250	269.482,43
NM-GEN 275	2	2	2	2.253	960	2.050	631	11	12001251	295.349,26
NM-GEN 300	2	2	2	2.253	960	2.050	650	12	12001252	320.938,35
NM-GEN 325	2	2	2	2.253	960	3.050	860	13	12001253	348.610,55
NM-GEN 350	2	2	2	2.253	960	3.050	879	14	12001254	375.383,08
NM-GEN 375	2	2	2	2.253	960	3.050	897	15	12001255	399.903,45
NM-GEN 400	2	2	2	2.253	960	3.050	916	16	12001256	425.661,60
NM-GEN 425	2	2	2	2.253	960	3.050	934	17	12001257	451.365,40
NM-GEN 450	2	2	2	2.253	960	3.050	953	18	12001258	477.069,22
NM-GEN 475	2	2	2	2.253	960	3.050	971	19	12001259	502.966,23
NM-GEN 500	2	2	2	2.253	960	3.050	990	20	12001260	528.476,83

PERFORMANCE at inlet pressure 9 bar and 55 °C													
Type	99,5 % purity		99 % purity		98 % purity		97 % purity		96 % purity		95 % purity		Heater power kW
	Inlet m³/h	Outlet m³/h	Inlet m³/h	Outlet m³/h	Inlet m³/h	Outlet m³/h	Inlet m³/h	Outlet m³/h	Inlet m³/h	Outlet m³/h	Inlet m³/h	Outlet m³/h	
NM-GEN 2	4,7	0,8	5,1	1,1	5,7	1,7	6,2	2,2	6,8	2,7	7,4	3,2	0,25
NM-GEN 4	8,0	1,4	8,6	1,9	9,6	2,8	10,6	3,6	11,5	4,5	12,4	5,4	0,25
NM-GEN 6	14,2	2,4	15,3	3,4	17,1	5,0	18,7	6,4	20,3	7,9	22,0	9,5	0,25
NM-GEN 10	23,3	4,0	25,1	5,5	28,0	8,1	30,7	10,5	33,4	12,9	36,2	15,5	0,25
NM-GEN 25	58,8	9,9	63,6	13,9	70,6	20,3	77,4	26,3	84,1	32,4	91,2	39,0	2,4
NM-GEN 50	117,6	19,8	127,2	27,8	141,2	40,6	154,8	52,6	168,2	64,8	182,4	78,0	2,4
NM-GEN 75	176,4	29,7	190,8	41,7	211,8	60,9	232,2	78,9	252,3	97,2	273,6	117,0	2,4
NM-GEN 100	235,2	39,6	254,4	55,6	282,4	81,2	309,6	105,2	336,4	129,6	364,8	156,0	2,4
NM-GEN 125	294,0	49,5	318,0	69,5	353,0	101,5	387,0	131,5	420,5	162,0	456,0	195,0	4,8
NM-GEN 150	352,8	59,4	381,6	83,4	423,6	121,8	464,4	157,8	504,6	194,4	547,2	234,0	4,8
NM-GEN 175	411,6	69,3	445,2	97,3	494,2	142,1	541,8	184,1	588,7	226,8	638,4	273,0	4,8
NM-GEN 200	470,4	79,2	508,8	111,2	564,8	162,4	619,2	210,4	672,8	259,2	729,6	312,0	4,8
NM-GEN 225	529,2	89,1	572,4	125,1	635,4	182,7	696,6	236,7	756,9	291,6	820,8	351,0	7,2
NM-GEN 250	588,0	99,0	636,0	139,0	706,0	203,0	774,0	263,0	841,0	324,0	912,0	390,0	7,2
NM-GEN 275	646,8	108,9	699,6	152,9	776,6	223,3	851,4	289,3	925,1	356,4	1.003	429,0	7,2
NM-GEN 300	705,6	118,8	763,2	166,8	847,2	243,6	928,8	315,6	1.009	388,8	1.094	468,0	7,2
NM-GEN 325	764,4	128,7	826,8	180,7	917,8	263,9	1.006	341,9	1.093	421,2	1.185	507,0	9,6
NM-GEN 350	823,2	138,6	890,4	194,6	988,4	284,2	1.083	368,2	1.177	453,6	1.277	546,0	9,6
NM-GEN 375	882,0	148,5	954,0	208,5	1.059	304,5	1.161	394,5	1.261	486,0	1.368	585,0	9,6
NM-GEN 400	940,8	158,4	1.017	222,4	1.129	324,8	1.238	420,8	1.345	518,4	1.459	624,0	9,6
NM-GEN 425	999,6	168,3	1.081	236,3	1.200	345,1	1.315	447,1	1.429	550,8	1.550	663,0	12,0
NM-GEN 450	1.058	178,2	1.144	250,2	1.270	365,4	1.393	473,4	1.513	583,2	1.641	702,0	12,0
NM-GEN 475	1.117	188,1	1.208	264,1	1.341	385,7	1.470	499,7	1.598	615,6	1.732	741,0	12,0
NM-GEN 500	1.176	198,0	1.272	278,0	1.412	406,0	1.548	526,0	1.682	648,0	1.824	780,0	12,0

NM-GEN

SERVICE KITS

Service kit - 12 months

- elements
- packaging

SERVICE KITS		PG/9
SERVICE KIT TYPE	CODE	Gross price EUR
EVERY 12 MONTHS		
NM-GEN 2-6/12	12001894	65,86
NM-GEN 10-50/12	12001895	84,80
NM-GEN 75-500/12	12001896	405,42

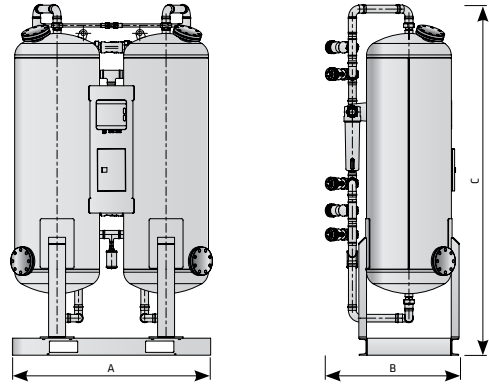
ADDITIONAL EQUIPMENT		PG/9
Type	CODE	Gross price EUR
Oxygen Analyzer box 0 - 25 %	2001917	4.015,71
Control unit	2002057	4.553,06

O-GEN

PSA OXYGEN GENERATORS

operating pressure

5-6 barg



INCLUDED

- pre-filter with automatic drain AOK 16B and manometer PDI 16 (O-GEN 01-75), MDM 40 (O-GEN 84-100),
- after-filter with manual drain MCDIs and manometer PDI 16 (O-GEN 01-75), MDM 40 (O-GEN 84-100),
- controller (NGC 1.0) without external interface, with control lamps and switches.

TECHNICAL DATA & PRICES

PG/9

Model	Connection		Dimensions			Mass kg	CODE	Gross Price EUR
	In "	Out "	L mm	B mm	H mm			
O-GEN 01	1/2	1/2	1.126	550	1.760	191	12001165	15.535,44
O-GEN 02	1/2	1/2	1.100	550	1.647	230	12001166	17.488,25
O-GEN 03	1/2	1/2	1.102	550	1.779	300	12001169	18.060,41
O-GEN 04	1/2	1/2	1.073	550	1.942	330	12001171	19.366,43
O-GEN 05	1/2	1/2	1.240	760	2.068	580	12001172	22.115,30
O-GEN 06	1/2	1/2	1.370	760	2.081	615	12001175	24.441,26
O-GEN 08	1/2	1/2	1.370	760	2.092	715	12001177	27.818,27
O-GEN 10	1	1/2	1.446	760	2.140	875	12001179	33.987,65
O-GEN 13	2	1/2	1.728	860	2.204	1.175	12001475	40.038,90
O-GEN 16	2	1/2	1.736	860	2.354	1.255	12001477	43.098,71
O-GEN 20	2	1/2	1.801	910	2.256	1.470	12001211	47.887,46
O-GEN 23	2	1/2	1.830	1.010	2.263	1.670	12001479	52.725,96
O-GEN 29	2	1/2	1.916	1.010	2.314	1.955	12001482	62.490,02
O-GEN 35	2	1	2.060	1.180	2.436	2.560	12001484	69.430,60
O-GEN 44	2	1	2.293	1.325	2.508	3.055	12001339	80.537,99
O-GEN 50	2	1	2.603	1.425	2.539	4.130	12001487	83.958,53
O-GEN 57	2	1	2.603	1.425	2.588	4.225	12001490	90.177,68
O-GEN 64	2	1	2.815	1.630	2.546	4.780	12001493	96.396,84
O-GEN 75	2	1	2.815	1.630	2.675	5.020	12001495	97.329,70
O-GEN 84	2	1	3.070	1.675	2.535	6.500	12001544	118.163,86
O-GEN 100	DN65	DN40	3.100	1.690	2.885	6.850	12001547	134.271,45

CORRECTION FACTORS FOR COMPRESSED AIR TEMPERATURE

Compressed air temperature [°C]	10	15	20	25	30	35	40	45	50	55
Correction factor	0,92	0,97	1	1	1	1	0,96	0,88	0,79	0,67

PERFORMANCE

Type		Inlet pressure barg	Discharge pressure barg	Oxygen purity [%]		
				90	93	95
O-GEN 1	O ₂ flow [Nm ³ /h]	6	4,8	1,16	1,11	1,06
	Feed air consumption [Nm ³ /h]			15,1	14,9	14,8
O-GEN 2	O ₂ flow [Nm ³ /h]	6	4,8	1,8	1,72	1,64
	Feed air consumption [Nm ³ /h]			23,4	23,2	22,9
O-GEN 3	O ₂ flow [Nm ³ /h]	6	4,8	3,15	3,01	2,87
	Feed air consumption [Nm ³ /h]			41	40,6	40,2
O-GEN 4	O ₂ flow [Nm ³ /h]	6	4,8	3,52	3,36	3,2
	Feed air consumption [Nm ³ /h]			45,8	45,3	44,8
O-GEN 5	O ₂ flow [Nm ³ /h]	6	4,8	5,28	5,04	4,8
	Feed air consumption [Nm ³ /h]			68,6	68	67,3
O-GEN 6	O ₂ flow [Nm ³ /h]	6	4,8	6,64	6,34	6,04
	Feed air consumption [Nm ³ /h]			86,3	85,5	84,6
O-GEN 8	O ₂ flow [Nm ³ /h]	6	4,8	8,64	8,25	7,86
	Feed air consumption [Nm ³ /h]			112,3	111,2	110,1
O-GEN 10	O ₂ flow [Nm ³ /h]	6	4,8	11,04	10,54	10,05
	Feed air consumption [Nm ³ /h]			143,5	142,1	140,6
O-GEN 13	O ₂ flow [Nm ³ /h]	6	4,8	13,68	13,06	12,45
	Feed air consumption [Nm ³ /h]			177,8	176,1	174,3
O-GEN 16	O ₂ flow [Nm ³ /h]	6	4,8	15,2	14,52	13,83
	Feed air consumption [Nm ³ /h]			197,6	195,6	193,6
O-GEN 20	O ₂ flow [Nm ³ /h]	6	4,8	19,84	18,95	18,05
	Feed air consumption [Nm ³ /h]			257,9	255,3	252,8
O-GEN 23	O ₂ flow [Nm ³ /h]	6	4,8	23	21,97	20,93
	Feed air consumption [Nm ³ /h]			299	296	293
O-GEN 29	O ₂ flow [Nm ³ /h]	6	4,8	26,56	25,36	24,17
	Feed air consumption [Nm ³ /h]			345,3	341,8	338,4
O-GEN 35	O ₂ flow [Nm ³ /h]	6	4,8	35,52	33,92	32,32
	Feed air consumption [Nm ³ /h]			461,8	457,1	452,5
O-GEN 44	O ₂ flow [Nm ³ /h]	6	4,8	45,44	43,4	41,35
	Feed air consumption [Nm ³ /h]			590,7	584,8	578,9
O-GEN 50	O ₂ flow [Nm ³ /h]	6	4,8	57,6	55,01	52,42
	Feed air consumption [Nm ³ /h]			748,8	741,3	733,8
O-GEN 57	O ₂ flow [Nm ³ /h]	6	4,8	59,6	56,92	54,24
	Feed air consumption [Nm ³ /h]			774,8	767,1	759,3
O-GEN 64	O ₂ flow [Nm ³ /h]	6	4,8	68,72	65,63	62,54
	Feed air consumption [Nm ³ /h]			893,4	884,4	875,5
O-GEN 75	O ₂ flow [Nm ³ /h]	6	4,8	73,36	70,06	66,76
	Feed air consumption [Nm ³ /h]			953,7	944,1	934,6
O-GEN 84	O ₂ flow [Nm ³ /h]	6	4,8	83,52	79,76	76
	Feed air consumption [Nm ³ /h]			1.085,8	1.074,9	1.064
O-GEN 100	O ₂ flow [Nm ³ /h]	6	4,8	101,6	97,03	92,46
	Feed air consumption [Nm ³ /h]			1.320,8	1.307,6	1.294,4

All flow rates valid for generator operation at compressed air temperature max 30 °C.
Performance ±5 %.

O-GEN

SERVICE KITS

Service kit - 12/24/36/60 months

- elements
- silencers
- packaging

Service kit - 72 months

- elements
- silencers
- valve set
- adsorbent
- sealings
- packaging

SERVICE KITS		PG/9
SERVICE KIT TYPE	CODE	Gross price EUR
EVERY 12 MONTHS/2.500 H KIT SERVICE KITS		
O-GEN 01-08/12	12000782	189,69
O-GEN 10/12	12000783	210,84
O-GEN 13-29/12	12000784	261,45
O-GEN 35-84/12	12000785	366,31
O-GEN 100/12	12000787	466,43

SERVICE KITS		PG/9
SERVICE KIT TYPE	CODE	Gross price EUR
72 MONTH KITS		
O-GEN 01/72	12000788	4.322,32
O-GEN 02/72	12000789	4.838,50
O-GEN 03/72	12000790	5.603,46
O-GEN 04/72	12000791	6.088,55
O-GEN 05/72	12000792	7.152,02
O-GEN 06/72	12000793	8.091,12
O-GEN 08/72	12000794	9.297,64
O-GEN 10/72	12000795	11.766,63
O-GEN 13/72	12000796	13.464,46
O-GEN 16/72	12000797	15.945,90
O-GEN 20/72	12000798	18.875,12
O-GEN 23/72	12000799	21.188,64
O-GEN 29/72	12000800	25.940,07
O-GEN 35/72	12000801	31.761,21
O-GEN 44/72	12000802	36.114,61
O-GEN 50/72	12000803	39.280,15
O-GEN 57/72	12000804	42.103,65
O-GEN 64/72	12000805	44.933,36
O-GEN 75/72	12000806	47.284,21
O-GEN 84/72	12000807	60.761,11
O-GEN 100/72	12000808	74.567,60
24 MONTH KITS EQUIPMENT		
Oxygen Analyzer 0-96%	2109124	3.725,27

ADDITIONAL EQUIPMENT		PG/9
Type	CODE	Gross price EUR
Oxygen Analyzer 0-96 %	12001019	4.291,21
Flow meter O-GEN 0 - 60 m ³ /h	4001111	1.889,69
Flow meter O-GEN 0 - 210 m ³ /h	4001113	2.799,25
Temperature Transmitter	12000924	652,91
Inlet pressure transmitter OS 16	4000824	293,43
Interface KTM 400 basic (OGC 2.0)	5010512	1.710,27
Dew point sensor Easidew	2505872	1.659,09
Off-spec valve 0 - 50 Nm ³ /h	4001090	1.437,04
Off-spec valve 50 - 250 Nm ³ /h	4001147	2.391,05
Off-spec valve 250 - 1000 Nm ³ /h	4001040	3.465,82























* Controller NGC 1.0 / 2.0 has 3 free connections 4 to 20 mA + 1 RTD.



** Controller Siemens S7-1200 has 9 free connections 4 to 20 mA + 1 RTD.

AFTERMARKET SERVICE		PG/9
Type	CODE	Gross price EUR
Testing in presence of customer	1058	621,92 (net price)
Coming on site (excluding transport costs)	1059	995,07/day (net price)

OS

MEASURING EQUIPMENT

DISPLAY & DATA LOGGER PG/9	OS 331 Data logger  Code: 4000860 Gross Price: 2.665,37 EUR	OS 331 Data logger with 2 additional analog inputs  Code: 4000951 Gross Price: 3.044,19 EUR			
FLOW / CONSUMPTION PG/9	OS 401 Analog output  Code: 4001195 Gross Price: 4.591,24 EUR	OS 401 Modbus RTU output  Code: 4001196 Gross Price: 4.591,24 EUR	OS 421 Analog output G 1/2"  Code: 4001199 Gross Price: 2.170,86 EUR	OS 421 Modbus RTU output G 1/2"  Code: 4001201 Gross Price: 2.170,86 EUR	OS 421 Analog output G 3/4"  Code: 4001202 Gross Price: 2.178,79 EUR
	OS 421 Modbus RTU output G 3/4"  Code: 4001204 Gross Price: 2.178,79 EUR	OS 421 Analog output G 1"  Code: 4001205 Gross Price: 2.189,37 EUR	OS 421 Modbus RTU output G 1"  Code: 4001207 Gross Price: 2.189,37 EUR	OS 421 Analog output G 5/4"  Code: 4001209 Gross Price: 2.194,66 EUR	OS 421 Modbus RTU output G 5/4"  Code: 4001211 Gross Price: 2.194,66 EUR
	OS 421 Analog output G 6/4"  Code: 4001212 Gross Price: 2.247,52 EUR	OS 421 Modbus RTU output G 6/4"  Code: 4001214 Gross Price: 2.247,52 EUR	OS 421 Analog output G 2"  Code: 4001215 Gross Price: 2.297,75 EUR	OS 421 Modbus RTU output G 2"  Code: 4001217 Gross Price: 2.297,75 EUR	OS 421 Analog output G 2 1/2"  Code: 4001218 Gross Price: 2.556,82 EUR
	OS 421 Modbus RTU output G 2 1/2"  Code: 4001218 Gross Price: 2.556,82 EUR	OS 421 Analog output G 3"  Code: 4001221 Gross Price: 2.570,03 EUR	OS 421 Modbus RTU output G 3"  Code: 4001223 Gross Price: 2.570,03 EUR	OS 415 Analog output G 1/4"  Code: 4001105 Gross Price: 845,93 EUR	OS 415 Modbus RTU output G 1/4"  Code: 4001130 Gross Price: 845,93 EUR

<p>OS 415 Analog output</p> <p>G 1/2"</p>  <p>Code: 4001106 Gross Price: 896,16 EUR</p>	<p>OS 415 Modbus RTU output</p> <p>G 1/2"</p>  <p>Code: 4001131 Gross Price: 896,16 EUR</p>	<p>OS 415 Analog output</p> <p>G 3/4"</p>  <p>Code: 4001107 Gross Price: 919,95 EUR</p>	<p>OS 415 Modbus RTU output</p> <p>G 3/4"</p>  <p>Code: 4001132 Gross Price: 919,95 EUR</p>	<p>OS 415 Analog output</p> <p>G 1"</p>  <p>Code: 4001108 Gross Price: 943,74 EUR</p>
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<p>OS 415 Modbus RTU output</p> <p>G 1"</p>  <p>Code: 4001133 Gross Price: 943,74 EUR</p>	<p>OS 430 Analog output</p>  <p>Code: 4000923 Gross Price: 6.142,83 EUR</p>	<p>OS 430 Modbus RTU output</p>  <p>Code: 4001087 Gross Price: 6.142,83 EUR</p>
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DEW POINT
PG/9

<p>OS 211</p>  <p>Code: 4000837 Gross Price: 1.438,17 EUR</p>	<p>OS 215</p>  <p>Code: 4000803 Gross Price: 1.122,86 EUR</p>	<p>OS 220</p>  <p>Code: 4000802 Gross Price: 2.277,52 EUR</p>	<p>OS MC Measuring chamber for OS 215 & OS 220</p>  <p>Code: 2505628 Gross Price: 380,89 EUR</p>	<p>OS 305 -50/+20</p>  <p>Code: 4001053 Gross Price: 1.828,33 EUR</p>
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<p>OS 305 -20/+50</p>  <p>Code: 4000995 Gross Price: 1.519,84 EUR</p>	<p>OS 520</p>  <p>Code: 4001275 Gross Price: 4.981,41 EUR</p>
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PRESSURE
PG/9

<p>OS 16 Analog output</p>  <p>Code: 4000824 Gross Price: 293,43 EUR</p>	<p>OS 16 Modbus RTU output</p>  <p>Code: 4001183 Gross Price: 367,45 EUR</p>	<p>OS 40 Analog output</p>  <p>Code: 4000825 Gross Price: 417,69 EUR</p>	<p>OS 40 Modbus RTU output</p>  <p>Code: 4001184 Gross Price: 404,46 EUR</p>
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LEAKAGE

PG/9

OS 531
 portable leak detector for
 pressurized systems

 Code: 4001124
 Gross Price: **6.623,73 EUR**

AIR QUALITY, PURITY & SYSTEM PERFORMANCE

PG/9

OS 120
 oil sensor

 Code: 4001009
 Gross Price: **15.223,23 EUR**
OS 130
 laser particle counter

 Code: 4001114
 Gross Price: **12.001,62 EUR**
OS 132
 laser particle counter

 Code: 4001154
 Gross Price: **30.109,81 EUR**
OS 600 set
 portable compressed air
 purity analyser

 Code: 4000976
 Gross Price: **54.684,05 EUR**
OS 601-A

 Code: 4001238
 Gross Price: **36.319,07 EUR**
OS 601-B

 Code: 4001239
 Gross Price: **46.150,35 EUR**
OS 601-C

 Code: 4001240
 Gross Price: **24.346,46 EUR**
OS 601-D

 Code: 4001241
 Gross Price: **34.177,74 EUR**
OS 551-P4 set
 portable data logger, sensors:
 flow, dew point, pressure

 Code: 4001242
 Gross Price: **14.144,06 EUR**
OS 551-P6 set
 portable data logger, sensors:
 flow, dew point, pressure

 Code: 4001243
 Gross Price: **13.814,75 EUR**



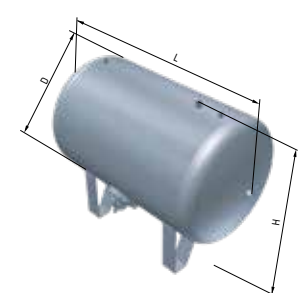
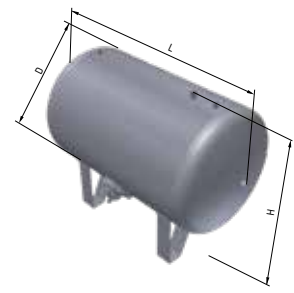
PV

PRESSURE VESSELS - LOW PRESSURE

operating pressure

11 bar

TECHNICAL DATA & PRICES														PG/9			
Model	Volume l	Max. pressure bar	Connections number and dimensions										Dimensions		Mass kg	CODE	Gross price EUR
			3/8"	1/2"	3/4"	1"	1 1/8"	1 1/2"	2"	3"	4"	H mm	D mm	L mm			
PRESSURE VESSELS - VERTICAL - PAINTED																	
PV 50 V 11 P	50	11	1	3	-	-	-	-	-	-	-	926	300	-	19	2056852	on request
PV 100 V 11 P	100	11	1	1	4	-	-	-	-	-	-	1153	370	-	28	2056853	on request
PV 150 V 11 P	150	11	1	1	-	1	-	-	-	-	-	1.364	400	-	43	2056854	on request
PV 200 V 11 P	200	11	1	-	3	-	-	-	2	-	-	1.530	430	-	50	2056284	on request
PV 270 V 11 P	270	11	1	-	3	-	-	-	2	-	-	1.685	500	-	60	2056285	on request
PV 500 V 11 P	500	11	1	-	1	-	2	2	-	-	-	2.077	600	-	130	2056286	on request
PV 725 V 11 P	725	11	1	-	1	-	2	2	-	-	-	1.863	790	-	167	2056287	on request
PV 900 V 11 P	900	11	1	-	1	-	2	2	-	-	-	2.213	790	-	186	2056288	on request
PV 1000 V 11 P	1.000	11	1	-	1	-	2	2	-	-	-	2.345	790	-	204	2056289	on request
PV 1500 V 11 P	1.500	11	1	-	1	-	2	2	-	-	-	2.305	1.000	-	278	2056290	on request
PV 2000 V 11 P	2.000	11	1	-	1	-	2	2	-	-	-	2.805	1.000	-	352	2056291	on request
PV 3000 V 11 P	3.000	11	1	-	1	-	2	-	-	2	-	2.965	1.300	-	537	2056292	on request
PV 4000 V 11 P	4.000	11	1	-	1	-	2	-	-	2	-	3.070	1.450	-	802	2056293	on request
PV 5000 V 11 P	5.000	11	1	-	1	-	2	-	-	2	-	3.570	1.450	-	932	2056294	on request
PV 6000 V 11 P	6.000	11	1	-	1	-	2	-	-	2	-	4.070	1.450	-	1.057	2056295	on request
PV 8000 V 11 P	8.000	11	1	-	-	-	2	-	-	-	2	4.135	1.650	-	1.352	2056296	on request
PV 10000 V 11 P	10.000	11	1	-	-	-	2	-	-	-	2	5.135	1.650	-	1.694	2056297	on request
PRESSURE VESSELS - VERTICAL - GALVANIZED																	
PV 50 V 11 G	50	11	1	2	-	1	-	-	-	-	-	926	300	-	19	2056855	on request
PV 100 V 11 G	100	11	1	-	4	-	-	-	1	-	-	1.153	370	-	28	2056856	on request
PV 150 V 11 G	150	11	1	-	-	4	-	-	1	-	-	1.364	400	-	43	2056857	on request
PV 200 V 11 G	200	11	1	-	3	-	-	-	2	-	-	1.530	430	-	50	2056298	on request
PV 270 V 11 G	270	11	1	-	3	-	-	-	2	-	-	1.685	500	-	60	2056299	on request
PV 500 V 11 G	500	11	1	-	1	-	2	2	-	-	-	2.077	600	-	130	2056300	on request
PV 725 V 11 G	725	11	1	-	1	-	2	2	-	-	-	1.863	790	-	167	2056301	on request
PV 900 V 11 G	900	11	1	-	1	-	2	2	-	-	-	2.213	790	-	186	2056302	on request
PV 1000 V 11 G	1.000	11	1	-	1	-	2	2	-	-	-	2.345	790	-	204	2056303	on request
PV 1500 V 11 G	1.500	11	1	-	1	-	2	2	-	-	-	2.305	1.000	-	278	2056304	on request
PV 2000 V 11 G	2.000	11	1	-	1	-	2	2	-	-	-	2.805	1.000	-	352	2056305	on request
PV 3000 V 11 G	3.000	11	1	-	1	-	2	-	-	2	-	2.965	1.300	-	537	2056306	on request
PV 4000 V 11 G	4.000	11	1	-	1	-	2	-	-	2	-	3.070	1.450	-	802	2056307	on request
PV 5000 V 11 G	5.000	11	1	-	1	-	2	-	-	2	-	3.570	1.450	-	932	2056308	on request
PV 6000 V 11 G	6.000	11	1	-	1	-	2	-	-	2	-	4.070	1.450	-	1.057	2056309	on request
PV 8000 V 11 G	8.000	11	1	-	-	-	2	-	-	-	2	4.135	1.650	-	1.352	2056310	on request
PV 10000 V 11 G	10.000	11	1	-	-	-	2	-	-	-	2	5.135	1.650	-	1.694	2056311	on request
PRESSURE VESSELS - HORIZONTAL - PAINTED																	
PV 50 H 11 P	50	11	1	1	-	-	-	-	-	-	-	352	300	774	19	2056858	on request
PV 100 H 11 P	100	11	2	2	1	-	-	-	-	-	-	447	370	1.010	28	2056859	on request
PV 150 H 11 P	150	11	2	2	1	-	-	-	-	-	-	470	400	1.224	43	2056860	on request
PV 500 H 11 P	500	11	1	2	-	1	-	-	-	-	-	670	600	1.860	140	2056312	on request
PV 900 H 11 P	900	11	1	-	-	-	-	-	4	-	-	905	790	1.970	195	2056313	on request
PV 1000 H 11 P	1.000	11	2	-	2	1	-	-	-	-	-	905	790	2.180	210	2056314	on request
PV 1500 H 11 P	1.500	11	1	-	1	-	-	-	4	-	-	1.160	1.000	2.160	278	2056315	on request
PV 2000 H 11 P	2.000	11	1	-	1	-	-	-	4	-	-	1.160	1.000	2.660	352	2056316	on request
PV 3000 H 11 P	3.000	11	1	-	1	-	-	-	4	-	-	1.340	1.200	2.815	537	2056317	on request
PV 4000 H 11 P	4.000	11	1	-	1	-	-	-	4	-	-	1.620	1.450	1.920	802	2056318	on request
PV 5000 H 11 P	5.000	11	1	-	1	-	-	-	4	-	-	1.620	1.450	3.420	932	2056319	on request
PV 6000 H 11 P	6.000	11	1	-	1	-	-	-	4	-	-	1.620	1.450	3.920	1.057	2056320	on request
PV 8000 H 11 P	8.000	11	1	-	1	-	-	-	4	-	-	1.790	1.650	4.025	1.352	2056321	on request
PV 10000 H 11 P	10.000	11	1	-	1	-	-	-	4	-	-	1.790	1.650	5.025	1.694	2056322	on request
PRESSURE VESSELS - HORIZONTAL - GALVANIZED																	
PV 50 H 11 G	50	11	1	-	-	1	-	-	-	-	-	352	300	774	19	2056861	on request
PV 100 H 11 G	100	11	2	1	1	-	-	-	1	-	-	447	370	1.010	28	2056862	on request
PV 150 H 11 G	150	11	2	1	1	-	-	-	1	-	-	470	400	1.224	43	2056863	on request
PV 500 H 11 G	500	11	1	2	-	1	-	-	-	-	-	670	600	1.860	140	2056323	on request
PV 900 H 11 G	900	11	1	-	-	-	-	-	4	-	-	905	790	1.970	195	2056324	on request
PV 1000 H 11 G	1.000	11	2	-	2	1	-	-	-	-	-	905	790	2.180	210	2056325	on request
PV 1500 H 11 G	1.500	11	1	-	1	-	-	-	4	-	-	1.160	1.000	2.160	278	2056326	on request
PV 2000 H 11 G	2.000	11	1	-	1	-	-	-	4	-	-	1.160	1.000	2.660	352	2056327	on request
PV 3000 H 11 G	3.000	11	1	-	1	-	-	-	4	-	-	1.340	1.200	2.815	537	2056328	on request
PV 4000 H 11 G	4.000	11	1	-	1	-	-	-	4	-	-	1.620	1.450	1.920	802	2056329	on request
PV 5000 H 11 G	5.000	11	1	-	1	-	-	-	4	-	-	1.620	1.450	3.420	932	2056330	on request
PV 6000 H 11 G	6.000	11	1	-	1	-	-	-	4	-	-	1.620	1.450	3.920	1.057	2056331	on request
PV 8000 H 11 G	8.000	11	1	-	1	-	-	-	4	-	-	1.790	1.650	4.025	1.352	2056332	on request
PV 10000 H 11 G	10.000	11	1	-	1	-	-	-	4	-	-	1.790	1.650	5.025	1.694	2056333	on request



For any non standard pressure vessel (based on operating media, design pressure, design temperature, standard ...) please contact producer or your local distributor.

HPV

PRESSURE VESSELS - HIGH PRESSURE

operating pressure

 up to **48** bar

TECHNICAL DATA & PRICES															PG/9	
Model painted	CODE	Gross price EUR	Model galvanized	CODE	Gross price EUR	Volume l	Max. pressure bar	Connections number and dimensions						Dimensions		Mass kg
								1/4	3/8	3/4	1 1/4	2	3	H	D	
16 bar - HIGH PRESSURE VESSELS - VERTICAL																
HPV 500 V 16 P	2059070	on request	HPV 500 V 16 G	2059004	on request	500	16	-	1	1	2	2	-	2.120	600	160
HPV 1000 V 16 P	2059071	on request	HPV 1000 V 16 G	2059005	on request	1.000	16	-	1	1	2	2	-	2.365	790	280
HPV 1500 V 16 P	2059072	on request	HPV 1500 V 16 G	2059006	on request	1.500	16	-	1	1	-	4	-	2.310	1.000	405
HPV 2000 V 16 P	2059073	on request	HPV 2000 V 16 G	2059007	on request	2.000	16	-	1	1	-	4	-	2.810	1.000	490
HPV 3000 V 16 P	2059074	on request	HPV 3000 V 16 G	2059008	on request	3.000	16	-	1	1	-	2	2	2.965	1.200	620
HPV 4000 V 16 P	2059075	on request	HPV 4000 V 16 G	2059009	on request	4.000	16	-	1	1	-	2	2	3.110	1.430	905
HPV 5000 V 16 P	2059076	on request	HPV 5000 V 16 G	2059010	on request	5.000	16	-	1	1	-	2	2	3.610	1.430	1.055
21 bar - HIGH PRESSURE VESSELS - VERTICAL																
HPV 475 V 21 P	2059077	on request	HPV 475 V 21 G	2059083	on request	475	21	-	1	1	2	2	-	2.135	600	220
HPV 1000 V 21 P	2059078	on request	HPV 1000 V 21 G	2059084	on request	1.000	21	-	1	1	-	4	-	2.385	790	352
HPV 1500 V 21 P	2059079	on request	HPV 1500 V 21 G	2059085	on request	1.500	21	-	1	1	-	4	-	2.470	1.000	555
HPV 2000 V 21 P	2059080	on request	HPV 2000 V 21 G	2059086	on request	2.000	21	-	1	1	-	4	-	2.810	1.000	715
HPV 3000 V 21 P	2059081	on request	HPV 3000 V 21 G	2059087	on request	3.000	21	-	1	1	-	4	-	2.950	1.200	950
HPV 4000 V 21 P	2059082	on request	HPV 4000 V 21 G	2059088	on request	4.000	21	-	1	1	-	4	-	3.130	1.430	1.400
HPV 5000 V 21 P	2059031	on request	HPV 5000 V 21 G	2059089	on request	5.000	21	-	1	1	-	4	-	3.630	1.430	1.750
32 bar - HIGH PRESSURE VESSELS - VERTICAL																
HPV 500 V 32 P	2059039	on request	HPV 475 V 32 G	2059032	on request	500	32	-	1	1	-	4	-	2.140	600	245
HPV 1000 V 32 P	2059040	on request	HPV 1000 V 32 G	2059033	on request	1.000	32	-	1	1	-	4	-	2.390	790	505
HPV 1500 V 32 P	2059041	on request	HPV 1500 V 32 G	2059034	on request	1.500	32	-	1	1	-	4	-	2.500	1.000	710
HPV 2000 V 32 P	2059042	on request	HPV 2000 V 32 G	2059035	on request	2.000	32	-	1	1	-	4	-	2.850	1.000	875
HPV 3000 V 32 P	2059043	on request	HPV 3000 V 32 G	2059036	on request	3.000	32	-	1	1	-	4	-	2.950	1.200	1.170
HPV 4000 V 32 P	2059044	on request	HPV 4000 V 32 G	2059037	on request	4.000	32	-	1	1	-	4	-	3.100	1.430	1.700
HPV 5000 V 32 P	2059045	on request	HPV 5000 V 32 G	2059038	on request	5.000	32	-	1	1	-	4	-	3.600	1.430	1.950
42 bar - HIGH PRESSURE VESSELS - VERTICAL																
HPV 500 V 42 P	2059053	on request	HPV 500 V 42 G	2059046	on request	500	42	-	1	1	-	4	-	2.135	600	340
HPV 1000 V 42 P	2059054	on request	HPV 1000 V 42 G	2059047	on request	1.000	42	-	1	1	-	4	-	2.385	790	605
HPV 1500 V 42 P	2059055	on request	HPV 1500 V 42 G	2059048	on request	1.500	42	-	1	1	-	4	-	2.470	1.000	755
HPV 2000 V 42 P	2059056	on request	HPV 2000 V 42 G	2059049	on request	2.000	42	-	1	1	-	4	-	2.810	1.000	1.025
HPV 3000 V 42 P	2059057	on request	HPV 3000 V 42 G	2059050	on request	3.000	42	-	1	1	-	4	-	2.950	1.200	1.450
HPV 4000 V 42 P	2059058	on request	HPV 4000 V 42 G	2059051	on request	4.000	42	-	1	1	-	4	-	3.130	1.430	2.190
HPV 5000 V 42 P	2059059	on request	HPV 5000 V 42 G	2059052	on request	5.000	42	-	1	1	-	4	-	3.630	1.430	2.515
48 bar - HIGH PRESSURE VESSELS - VERTICAL																
HPV 1000 V 48 P	2059063	on request	HPV 1000 V 48 G	2059060	on request	790	48	-	1	1	-	4	-	2.400	790	725
HPV 2000 V 48 P	2059064	on request	HPV 2000 V 48 G	2059061	on request	1.000	48	-	1	1	-	4	-	2.810	1.000	1.195
HPV 3000 V 48 P	2059065	on request	HPV 3000 V 48 G	2059062	on request	1.200	48	-	1	1	-	4	-	2.970	1.200	1.685



PV/HPV SK

SERVICE KITS FOR PRESSURE VESSELS/HIGH PRESSURE VESSELS

Model	Pressure	CODE	Gross Price
			EUR
PV SK 200-500	11	2806555	on request
PV SK 750-3000	11	2806556	on request
PV SK 900	11	2806557	on request
PV SK 4000-10000	11	2806558	on request
PV SK 200-500	16	2806559	on request
PV SK 750-3000	16	2806560	on request
PV SK 900	16	2806561	on request
PV SK 4000-10000	16	2806562	on request
HPV SK 200-500	25	2806563	on request
HPV SK 750-3000	25	2806564	on request
HPV SK 900	25	2806565	on request
HPV SK 4000-10000	25	2806566	on request
HPV SK 200-500	40	2806567	on request
HPV SK 750-3000	40	2806568	on request
HPV SK 900	40	2806569	on request
HPV SK 4000-10000	40	2806570	on request
HPV SK 200-500	50	2806571	on request
HPV SK 750-3000	50	2806572	on request
HPV SK 900	50	2806573	on request
HPV SK 4000-10000	50	2806574	on request

INCLUDED

- 1x safety valve,
- 1x manometer,
- 1x ball valve and drain pipe,
- 2x blind plug/flange.

PV O₂

PRESSURE VESSELS FOR OXYGEN - LOW PRESSURE

TECHNICAL DATA & PRICES													PG/9	
Model painted	Volume l	Max. pressure bar	Connections number and dimensions							Dimensions		Mass kg	CODE	Gross price EUR
			3/8	1/2	3/4	1 "	1 1/4	1 1/2	2	H mm	D			
PV 150 V 11 02	150	11	1	1	-	1	-	-	-	1.364	400	43	2059097	on request
PV 270 V 11 02	270	11	1	-	3	-	-	-	2	1.685	500	60	2059100	on request
PV 500 V 11 02	500	11	1	-	1	-	2	2	-	2.077	600	130	2059101	on request
PV 725 V 11 02	725	11	1	-	1	-	2	2	-	1.863	790	167	2059102	on request
PV 900 V 11 02	900	11	1	-	1	-	2	-	2	2.213	790	186	2059103	on request
PV 1000 V 11 02	1.000	11	1	-	1	-	2	-	2	2.345	790	204	2059104	on request
PV 1500 V 11 02	1.500	11	1	-	1	-	2	-	2	2.305	1.000	278	2059105	on request
PV 2000 V 11 02	2.000	11	1	-	1	-	2	-	2	2.805	1.000	352	2059106	on request

Remark:

- Vitroflex surface protection inside.



PP

PAINTING AIR FILTRATION SYSTEMS

operating pressure

16 bar



TECHNICAL DATA & PRICES													PG/9	
Model	Pipe size	Flow rate at 7 bar(g), 20 °C		Dimensions				Separator CKL-PP	Microfilter M 0,1 µm	Microfilter S 0,01 µm	Active carbon A	Quick coupling No.	CODE	Gross Price
		Nm³/h	scfm	A mm	B mm	C mm	D mm							EUR
PP-207C	1/2	78	46	440	135	290	80	✓	✓	-	-	2	3701751	1.022,71
PP-207	1/2	78	46	440	135	290	80	-	✓	✓	-	2	3701752	1.022,71
PP-307C	1/2	78	46	530	135	290	80	✓	✓	✓	-	2	3701753	1.265,38
PP-307	1/2	78	46	530	135	290	80	-	✓	✓	✓	2	3701776	1.265,38

FILTER ELEMENTS			PG/9			
Filter element type	Flow rate Nm³/h	Corresponding housing	0,1 µm	0,01 µm	0,01 µm	CKL separator
			Ms microfilter	Ss finefilter	A activated carbon	stainless steel, PA
			borosilicate micro fibres		borosili. micro fibres activated carbon	
			Gross Price			Gross Price
			EUR			EUR
07050	78	PP-207/307	37,87			116,65

ADDITIONAL EQUIPMENT			PG/9
Type	CODE	Gross price EUR	
Mobile stand	3514006	433,35	



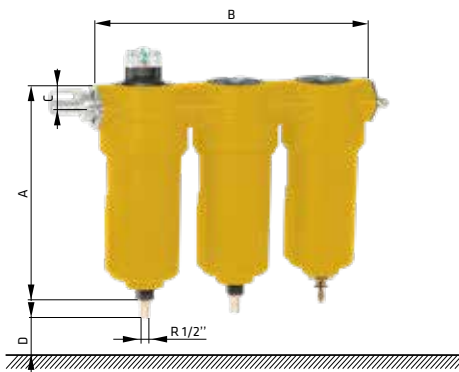
CORRECTION FACTORS																
Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232	
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13	

B-AIR

BREATHING AIR FILTRATION SYSTEMS

operating pressure

16 bar



TECHNICAL DATA & PRICES

B-AIR Model	Pipe size inch	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	CODE	Gross price (complete assembly) EUR
		Nm³/h	scfm	A mm	B mm	C mm	D mm				
B-AIR 0076	1/2	78	46	190	268	21	60	3x0,47	07050	8220100	617,56
B-AIR 0106	3/4	120	70	260	268	21	130	3x0,6	14050	8220101	646,59
B-AIR 0186	1	198	116	262	379	37	130	3x1,57	12075	8220102	950,09
B-AIR 0306	1	335	197	362	379	37	220	3x2,2	22075	8220103	1.095,24
B-AIR 0476	1 1/2	510	300	462	379	37	320	3x2,8	32075	8220104	1.306,38
B-AIR 0706	1 1/2	780	459	642	379	37	500	3x3,9	50075	8220105	1.702,25

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

Remark:

- Prices are for complete set.
- Set includes 3 filter housings, 3 filter elements, 2 AOK 16B condensate drains, 1 MCD drain and 1 PDI 16 differential pressure indicator.

FILTER ELEMENTS

PG/9



0,01 µm

XS
fine filter

H²
catalyst

A²
adsorption

borosilicate micro fibres

hopcalite

borosili. micro fibres
activated carbon

Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price	Gross price	Gross price
			EUR	EUR	EUR
07050	78	B-AIR 0076	32,95	109,65	95,37
14050	120	B-AIR 0106	42,41	144,78	105,41
12075	198	B-AIR 0186	53,39	178,13	133,25
22075	335	B-AIR 0306	75,35	282,43	149,85
32075	510	B-AIR 0476	91,13	391,12	163,87
50075	780	B-AIR 0706	116,24	624,43	184,59

CONDENSATE DRAINS

PG/9



MCD

AOK 16B

Gross Price [EUR]

11,80

31,83

DIFFERENTIAL PRESSURE INDICATORS

PG/9



PDI 16

Gross Price [EUR]

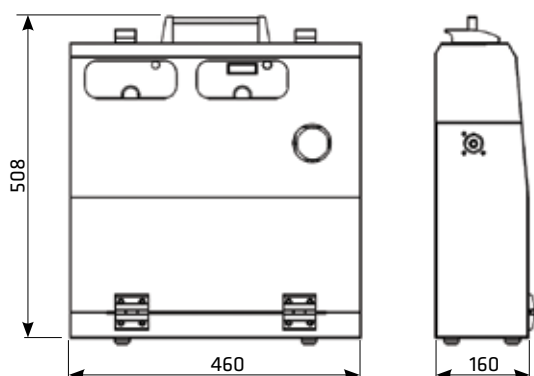
20,46

B-AIR plus

PORTABLE BREATHING AIR FILTRATION SYSTEMS

operating pressure

16 bar



TECHNICAL DATA & PRICES							PG/9
Model	Pipe size inch	Flow rate at 7 bar(g), 20 °C		Mass kg	Filter element type	CODE	Gross price
		Nm ³ /h	scfm				EUR
B-AIR plus	1/2	120	71	12	14050	3505307	7.851,50

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

FILTER ELEMENTS					
PG/9			0,01 µm	0,1 µm	0,1 µm
			XS finefilter	H² catalyst	A² adsorption
			borosilicate micro fibres	hopcalite	borosil. micro fibres activated carbon
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price EUR	Gross price EUR	Gross price EUR
14050	120	B-AIR plus	42,41	144,78	105,41

AIRWATT

HEAT RECOVERY UNITS

operating pressure

16 bar


TECHNICAL DATA & PRICES

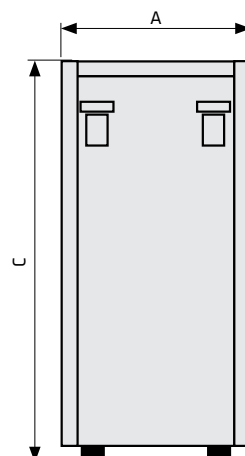
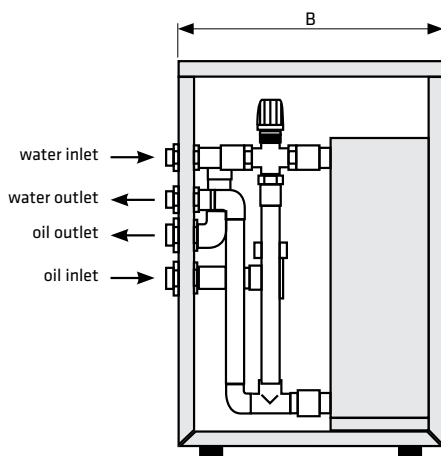
PG/9

Type	Motor power kW	Heat capacity kW	Oil connection "	Water connection "	Dimensions			Mass kg	CODE	Gross price EUR
					A mm	B mm	C mm			
AirWATT 22	7,5 - 22	5,6 - 16,5	G 1 1/4	G 1	360	500	760	33	3506206	4.879,20
AirWATT 37	30 - 37	22,5 - 29,6	G 1 1/4	G 1	360	500	760	35	3506207	5.339,30
AirWATT 75	45 - 75	33,8 - 56,3	G 1 1/4	G 1	360	500	760	42	3506208	8.303,20
AirWATT 132	90 - 132	67,5 - 99	G 2	G 2	550	600	830	53	3515975	13.107,50
AirWATT 200	160 - 200	120 - 150	G 2	G 2	550	600	830	78	3515985	14.327,30
AirWATT 315	250 - 315	187,5 - 236	G 2	G 2	550	600	830	90	3515973	15.996,50

TECHNICAL SPECIFICATIONS

Operating pressure (oil)	1 - 16 bar
Maximum water pressure	10 bar
Operating temperature	5 °C - 120 °C
Max. outlet water temperature	70 °C
Pressure drop (oil)	~ 100 mbar
Ambient temperature	5 °C - 45 °C
Water temperature indicator	Analog mechanical

Type	Classification according to Pressure Equipment Directive PED 97/23 / CE (fluid group 2)
AirWATT 22	not necessary
AirWATT 37	not necessary
AirWATT 75	not necessary
AirWATT 100	not necessary



PETROL STATION EQUIPMENT

BS 12-3,5



Code:
10001134

Net Price:
3.363,00 EUR

AWS

Painted



Code:
10001143

Net Price:
1.784,63 EUR

AWS

Stainless steel



Code:
10001144

Net Price:
2.470,05 EUR

AWS BSC



Code:
10001179

Net Price:
on request

PETRO-PACK



Code:
10001133

Net Price:
1.853,82 EUR

BS TOWER



Code:
10001135

Net Price:
1.373,39 EUR



IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

CERTIFICATO N. 34719/17/S
CERTIFICATE No.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
 IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

NOITECH S.R.L.

VIA VOLTA, 23 10040 Druento (TO) ITALIA
 NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA VOLTA, 23 10040 Druento (TO) ITALIA

È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD

ISO 9001:2015

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

COMMERCIALIZZAZIONE DI FILTRI, KIT DI MANUTENZIONE, PARTI DI RICAMBIO PER POMPE A VUOTO E COMPRESSORI,
 FILTRI DI LINEA E ACCESSORI PER L'ARIA COMPRESSA.

IAF:29

TRADING OF FILTERS, MAINTENANCE KITS, SPARE PARTS FOR VACUUM PUMPS, COMPRESSORS, IN LINE FILTERS
 AND ACCESSORIES FOR COMPRESSED AIR.

La validità del presente certificato è subordinata a sorveglianza periodica annuale / semestrale ed al riesame completo del sistema di gestione con periodicità triennale

The validity of this certificate is dependent on an annual / six monthly audit and on a complete review, every three years, of the management system

L'uso e la validità del presente certificato sono soggetti al rispetto del documento RINA: Regolamento per la Certificazione di Sistemi di Gestione per la Qualità

The use and validity of this certificate are subject to compliance with the RINA document : Rules for the certification of Quality Management Systems

Prima emissione First Issue	<u>26.01.2017</u>	Data decisione di rinnovo Renewal decision date	<u>24.01.2020</u>
Data scadenza Expiry Date	<u>25.01.2023</u>	Data revisione Revision date	<u>24.01.2020</u>

Davide Torti

Turin Management System
 Certification, Head

RINA Services S.p.A.
 Via Corsica 12 - 16128 Genova Italy



CISQ è la Federazione Italiana di Organismi di
 Certificazione dei sistemi di gestione aziendale
 CISQ is the Italian Federation of
 management system Certification Bodies



SGQ N° 002 A

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 Mutual Recognition Agreements



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