



HAIZEA
COMPRESSORS TECHNOLOGY

AIR & GAS TREATMENT

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ECD-B	Service kits		69
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B-DRY TAC	Heatless regener. ads. comp. air dryers with act. carbon tower	4 to 16 bar	1200 - 6.500 Nm³/h	-40 °C (-25 °C/-70 °C)	94
B-DRY BM	Heatless regeneration adsorption compressed air dryers	4 to 16 bar	110 - 1.000 Nm³/h	-40 °C (-25 °C/-70 °C)	96
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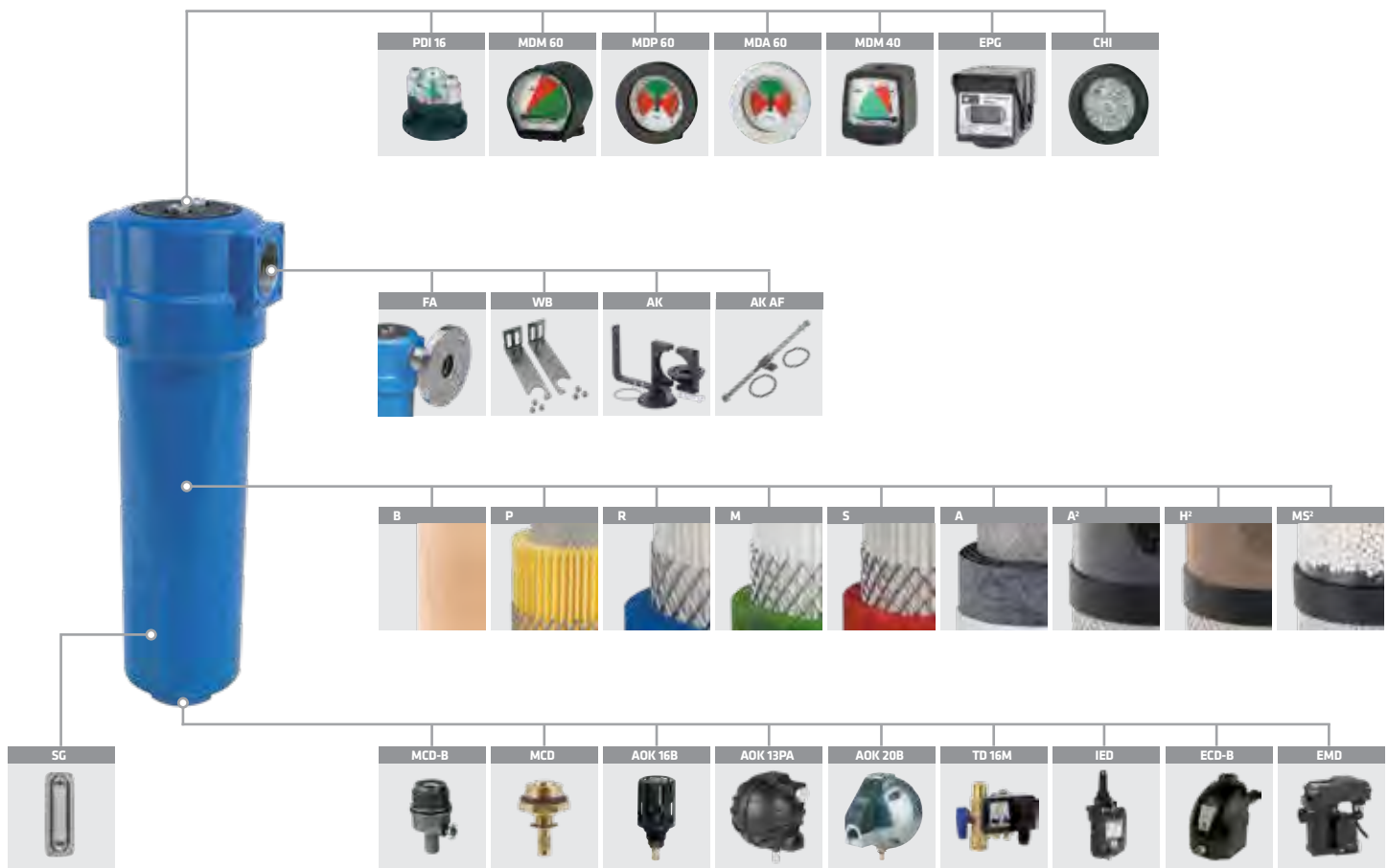
PRESSURE VESSEL		Pressure	Page
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COMPRESSED AIR EQUIPMENT		Pressure	Capacity	Page
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INDUSTRIAL WATER CHILLERS		Page
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AF**ALUMINIUM COMPRESSED AIR FILTERS**

operating pressure

16 bar**TECHNICAL DATA & PRICES**

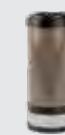
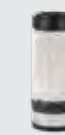
Filter housing size	Pipe size inch	Max. oper. press. bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price (for filter housing only) EUR	Gross Price (filter housing with flange) EUR
					A mm	B mm	C mm	D mm				
AF 0056	3/8	16/232	60	35	192	88	25	60	0,6	06050		
AF 0076	1/2	16/232	78	46	192	88	25	60	0,6	07050		
AF 0106	3/4	16/232	120	70	262	88	25	80	0,7	14050		
AF 0186	1	16/232	198	116	264	125	39	100	1,2	12075		
AF 0306	1	16/232	335	197	364	125	39	120	1,6	22075		
AF 0476	1 1/2	16/232	510	300	464	125	39	140	1,9	32075		
AF 0706	1 1/2	16/232	780	459	644	125	39	160	2,6	50075		
AF 0946	2	16/232	1.000	588	696	164	50	520	5,7	51090		
AF 1506	2	16/232	1.500	882	943	164	50	770	7,6	76090		
AF 1756	2 1/2	16/232	1.680	990	943	164	50	770	7,3	76090		
AF 2006	3	16/232	2.160	1270	801	242	60	630	14,1	51140		
AF 2406	3	16/232	2760	1620	998	242	60	780	16,7	75140		

Remarks:

- 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.
- Filter elements "A, A², H²", must be changed periodically to suit application, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

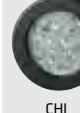
CORRECTION FACTORS

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											
			B	P	R	M	S	A	A²	H²	MS²
			prefilter	prefilter	prefilter	microfilter	finefilter	activated carbon	adsorption	catalyst	adsorption
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosilicate micro fibres			activated carbon
Filter element type	Flow rate	Corresponding housing	Gross price	Gross price				Gross price			
	Nm³/h		EUR	EUR				EUR			
6050	60	AF 0056									
7050	78	AF 0076									
14050	120	AF 0106									
12075	198	AF 0186									
22075	335	AF 0306									
32075	510	AF 0476									
50075	780	AF 0706									
51090	1.000	AF 0946									
76090	1.500	AF 1506									
76090	1.680	AF 1756									
51140	2.160	AF 2006									
75140	2.760	AF 2406									

CONDENSATE DRAINS										
	MCD-B	MCD	AOK 16B	AOK 13PA	AOK 20B	TD 16M	IED	ECD 15B	ECD 40B	ECD 90B
Gross Price [EUR]										
										
	ECD 150B	EMD 12	EMD 25	EMD 75	EMD 150	EMD 300				

* You can find other variations of condensate drains from page 66 on.

DIFFERENTIAL PRESSURE INDICATORS							
	PDI 16	MDM 60	MDP 60	MDA60	MDM 40	EPG 60	CHI
Gross Price [EUR]							

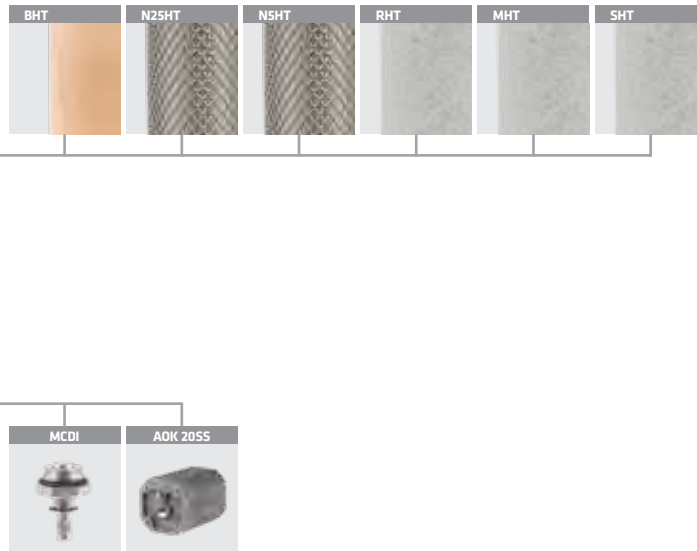
* You can find other variations of differential pressure indicator on page 66 and 67.

ACCESSORIES									
	Nipple	SG	WB S	WB M	AK AF 25	AK AF 3S	AK AF 2M	AK AF 3M	AK-3/8", AK-1/2", AK-3/4"
Gross Price [EUR]									
									
	AK-1", AK-1 1/2"								
									
	AK-2", AK-2 1/2", AK-3"								

AF HT

ALUMINIUM HIGH TEMPERATURE COMPRESSED AIR FILTERS

operating pressure

10 bar

TECHNICAL DATA & PRICES

Filter housing size	Pipe size inch	Max.oper. press. bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price (for filter housing only) EUR
			Nm³/h	scfm	A mm	B mm	C mm	D mm			
AF HT 0056	3/8	10/145	60	35	192	88	25	60	0,6	06050	
AF HT 0076	1/2	10/145	78	46	192	88	25	60	0,6	07050	
AF HT 0106	3/4	10/145	120	70	262	88	25	80	0,7	14050	
AF HT 0186	1	10/145	198	116	264	125	39	100	1,2	12075	
AF HT 0306	1	10/145	335	197	364	125	39	120	1,6	22075	
AF HT 0476	1 1/2	10/145	510	300	464	125	39	140	1,9	32075	
AF HT 0706	1 1/2	10/145	780	459	644	125	39	160	2,6	50075	
AF HT 0946	2	10/145	1.000	588	695	164	50	520	5,7	51090	
AF HT 1506	2	10/145	1.500	882	942	164	50	770	7,6	76090	
AF HT 1756	2 1/2	10/145	1.680	990	942	164	50	770	7,3	76090	
AF HT 2006	3	10/145	2160	1.270	801	242	60	630	14,1	51140	
AF HT 2406	3	10/145	2760	1.620	1.000	242	60	780	16,7	75140	

Remarks:

- 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.
- Filter elements "A, A², H²", must be changed periodically to suit application, 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
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								
			BHT prefilter	N25HT prefilter	N5HT prefilter	RHT prefilter	MHT microfilter	SHT finefilter
			sintered brass	stainless steel mesh 1.4301		borosilicate micro fibres		
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price EUR	Gross price EUR		Gross price EUR		
6050	60	AF HT 0056						
7050	78	AF HT 0076						
14050	120	AF HT 0106						
12075	198	AF HT 0186						
22075	335	AF HT 0306						
32075	510	AF HT 0476						
50075	780	AF HT 0706						
51090	1.000	AF HT 0946						
76090	1.500	AF HT 1506						
76090	1.680	AF HT 1756						
51140	2.160	AF HT 2006						
75140	2.760	AF HT 2406						

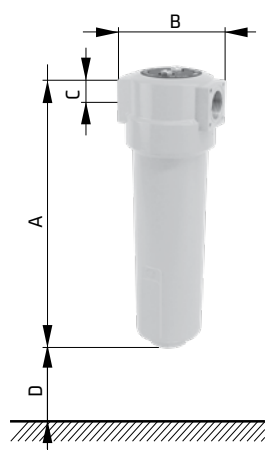
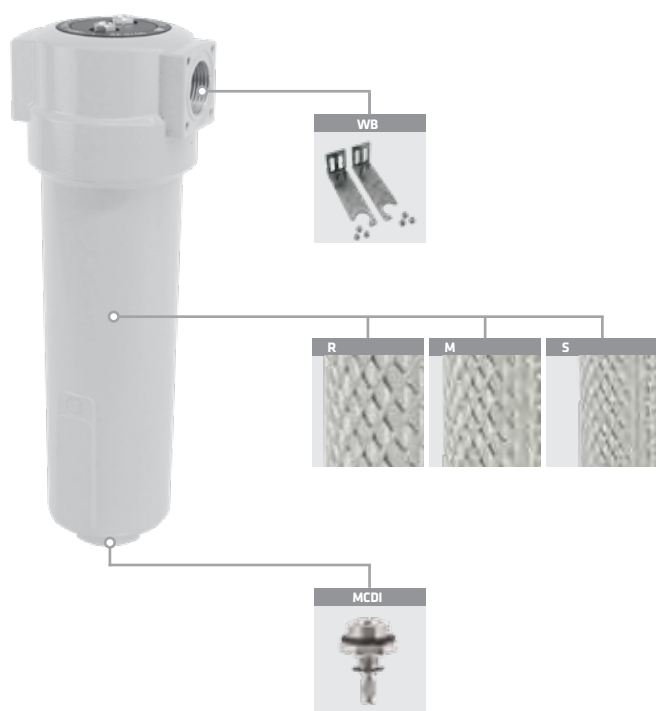
CONDENSATE DRAINS		
	MCDI	AOK 205S
Gross Price [EUR]		

ACCESSORIES								
	Nipple 505S	WS	WM	2S	3S	2M	3M	AK-3/8", AK-1/2", AK-3/4"
Gross Price [EUR]								
								
	AK-1", AK-1½"							
								
		AK-2", AK-2½", AK-3"						

AF O₂

ALUMINIUM COMPRESSED AIR FILTERS FOR OXYGEN

operating pressure

16 bar

TECHNICAL DATA & PRICES

Filter housing size	Pipe size	Max.oper. press.	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass	Filter element type	Gross Price (for filter housing only)
	inch				A	B	C	D			
AF O ₂ 0056	3/8	16/232	60	35	192	88	25	60	0,6	06050	
AF O ₂ 0076	1/2	16/232	78	46	192	88	25	60	0,6	07050	
AF O ₂ 0106	3/4	16/232	120	70	262	88	25	80	0,7	14050	
AF O ₂ 0186	1	16/232	198	116	264	125	39	100	1,2	12075	
AF O ₂ 0306	1	16/232	335	197	364	125	39	120	1,6	22075	
AF O ₂ 0476	1 1/2	16/232	510	300	464	125	39	140	1,9	32075	
AF O ₂ 0706	1 1/2	16/232	780	459	644	125	39	160	2,6	50075	
AF O ₂ 0946	2	16/232	1.000	588	696	164	50	520	5,7	51090	
AF O ₂ 1506	2	16/232	1.500	882	943	164	50	770	7,6	76090	
AF O ₂ 1756	2 1/2	16/232	1.680	990	943	164	50	770	7,3	76090	
AF O ₂ 2006	3	16/232	2.160	1.270	801	242	60	630	16,7	51140	
AF O ₂ 2406	3	16/232	2.760	1.620	998	242	60	780	21,3	75140	

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

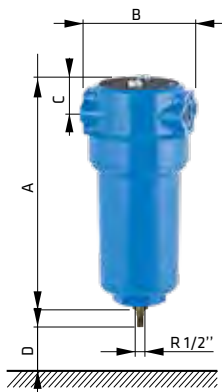
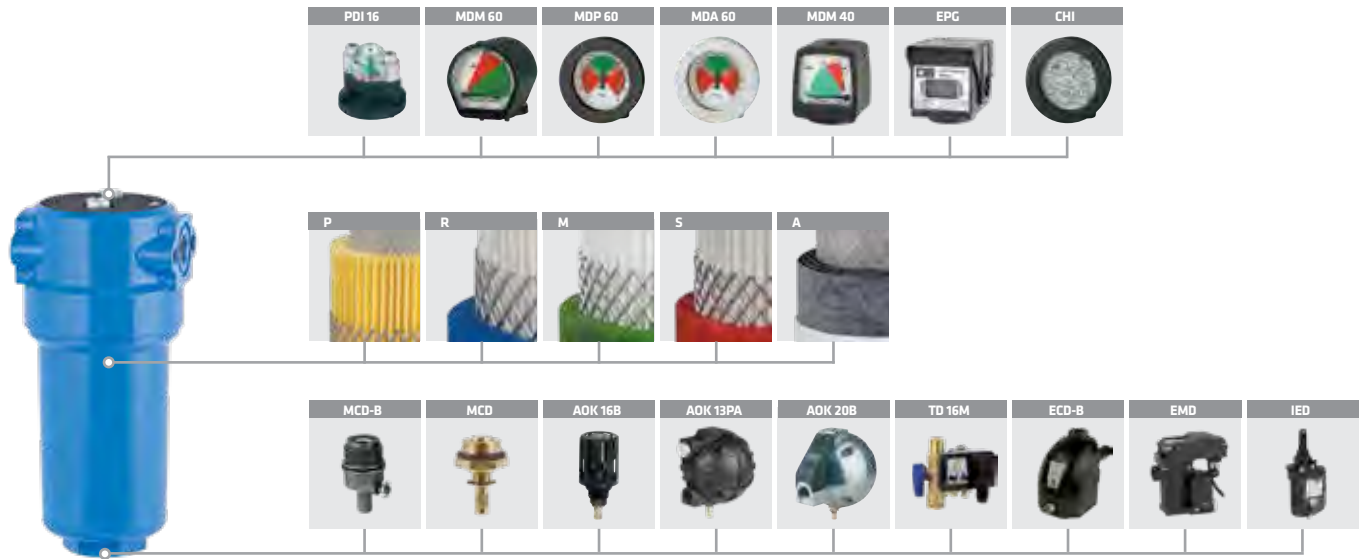
FILTER ELEMENTS					
			1 µm	0,1 µm	0,01 µm
			R	M	S
			prefilter	microfilter	finelfilter
			borosilicate micro fibres		
Filter element type	Flow rate	Corresponding housing	Gross price		
	Nm³/h		EUR		
6050	60	AF O ₂ 0056			
7050	78	AF O ₂ 0076			
14050	120	AF O ₂ 0106			
12075	198	AF O ₂ 0186			
22075	335	AF O ₂ 0306			
32075	510	AF O ₂ 0476			
50075	780	AF O ₂ 0706			
51090	1.000	AF O ₂ 0946			
76090	1.500	AF O ₂ 1506			
76090	1.680	AF O ₂ 1756			
51140	2.160	AF O ₂ 2006			
75140	2.760	AF O ₂ 2406			

CONDENSATE DRAINS	
	MCDI
Gross Price [EUR]	

ACCESSORIES	AF 0056 O ₂ to AF 0106 O ₂	AF 0186 O ₂ to AF 0706 O ₂
		
	WS	WM
Gross Price [EUR]		

AAF**ALUMINIUM COMPRESSED AIR FILTERS**

operating pressure

16 bar**TECHNICAL DATA & PRICES**

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)
	inch		bar/psi	Nm³/h	scfm	A mm	B mm	C mm			D mm
AAF 0006 ³⁾	1/8	16/232	10	6	105	55	14	50	0,23	3528	
AAF 0016 ³⁾	1/4	16/232	18	11	125	55	14	70	0,24	5528	
AAF 0026	1/4	16/232	25	15	145	73	18	50	0,42	3844	
AAF 0036	3/8	16/232	30	18	145	73	18	50	0,42	3844	
AAF 0046	1/4	16/232	35	22	189	88	32	60	0,72	6050	
AAF 0056	3/8	16/232	60	35	189	88	32	60	0,71	6050	
AAF 0076	1/2	16/232	78	46	189	88	32	80	0,7	7050	
AAF 0106	3/4	16/232	120	70	257	88	32	150	0,78	14050	
AAF 0186	1	16/232	198	116	261	125	37	160	1,9	12075	
AAF 0306	1	16/232	335	197	361	125	37	250	2,4	22075	
AAF 0476	1 1/2	16/232	510	300	461	125	37	350	2,6	32075	
AAF 0706	1 1/2	16/232	780	459	641	125	37	530	3,5	50075	

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								
			P prefilter	R prefilter	M microfilter	S finefilter	A activated carbon	CKL-AAF separator
			acrylic fibers, cellulose	borosilicate micro fibres			borosil. micro fibres activated carbon	stainless steel, PA
Filter element type	Flow rate	Corresponding housing	Gross price					Gross price
	Nm³/h		EUR					EUR
3528	10	AAF 0006						
5528	18	AAF 0016						
3844	25	AAF 0026						
3844	30	AAF 0036						
6050	35	AAF 0046						
6050	60	AAF 0056						
7050	78	AAF 0076						
14050	120	AAF 0106						
12075	198	AAF 0186						
22075	335	AAF 0306						
32075	510	AAF 0476						
50075	780	AAF 0706						

CONDENSATE DRAINS									
	MCD-B	MCD	AOK 16B	AOK 13PA	AOK 20B	TD 16M	ECD 15B	EMD 12	IED
Gross Price [EUR]									

* You can find other variations of condensate drains from page 66 on.

DIFFERENTIAL PRESSURE INDICATORS							
	PDI 16	MDM 60	MDP 60	MDA 60	MDM 40	EPG 60	CHI
Gross Price [EUR]							

* You can find other variations of differential pressure indicator on page 66 and 67.

ACCESSORIES										
	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]										
										
	WK AAF 3S	WK AAF 1M	WK AAF 2M	WK AAF 3M	WK AAF 1L	WK AAF 2L	WK AAF 3L	WK AAF 1XL	WK AAF 2XL	WK AAF 3XL
										
	Vent for AOK 20B									
										
	Nipple									

CF

ALUMINIUM COMPRESSED AIR FILTERS

operating pressure

20 bar



TECHNICAL DATA & PRICES

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)
					A	B	C	D			
	inch	bar/psi	Nm³/h	scfm	mm	mm	mm	mm	kg		EUR
CF 20	3/8	20/290	72	42	187	88	20	80	0,7	C 20	
CF 21	1/2	20/290	96	56	256	88	20	80	0,8	C 21	
CF 30	1/2	20/290	150	88	278	106	25	100	1,3	C 30	
CF 31	3/4	20/290	216	127	278	106	25	100	1,3	C 31	
CF 40	1	20/290	282	166	252	125	32	120	2,1	C 40	
CF 41	1	20/290	360	212	352	125	32	140	2,4	C 41	
CF 42	1 1/4	20/290	432	254	352	125	32	140	2,4	C 42	
CF 43	1 1/2	20/290	510	300	450	125	32	160	3,2	C 43	
CF 44	1 1/2	20/290	750	441	450	125	32	160	3,2	C 44	
CF 50	2	20/290	888	522	605	160	43	180	5,1	C 50	
CF 51	2	20/290	1.176	692	605	160	43	180	5,1	C 51	
CF 52	2 1/2	20/290	1.440	847	685	160	43	200	6,3	C 52	
CF 60	3	20/290	1.968	1158	800	240	55	300	12,9	C 60	
CF 61	3	20/290	2.760	1624	800	240	55	300	12,9	C 61	

Remarks:

- Prices are for filter housings 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

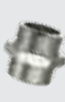
Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232	247	261	276	290
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13	2,25	2,38	2,50	2,63

FILTER ELEMENTS								
			15 µm	3 µm	1 µm	0,1 µm	0,01 µm	
			B prefilter	P prefilter	R prefilter	M microfilter	S finefilter	A activated carbon
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosil. micro fibres
								activated carbon
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price EUR	Gross price EUR				
C 20	72	CF 20						
C 21	96	CF 21						
C 30	150	CF 30						
C 31	216	CF 31						
C 40	282	CF 40						
C 41	360	CF 41						
C 42	432	CF 42						
C 43	510	CF 43						
C 44	750	CF 44						
C 50	888	CF 50						
C 51	1176	CF 51						
C 52	1.440	CF 52						
C 60	1.968	CF 60						
C 61	2.760	CF 61						

CONDENSATE DRAINS				
	MCD	AOK 20B	TD 25M	EMD HP
Gross Price [EUR]				

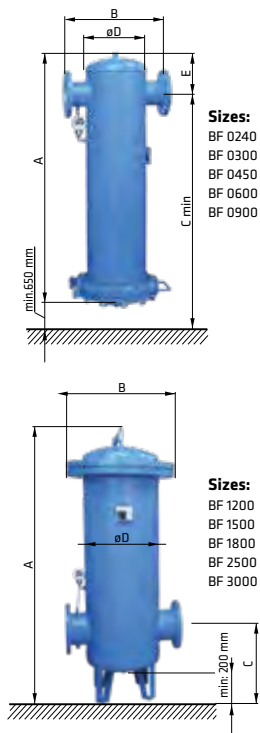
DIFFERENTIAL PRESSURE INDICATOR			
	CHI	MDM 40	MDA 60
Gross Price [EUR]			

* You can find other variations of differential pressure indicator on page 66 and 67.

ACCESSORIES					
	Vent for AOK 20B	For EMD HP	CF 10 - CF 31	CF 40 - CF 44	CF 50 - CF 60
	Nipple	Nipple HP	AK-3/8", AK-1/2", AK-3/4"	AK-1", AK-1 1/2"	AK-2", AK-2 1/2", AK-3"
Gross Price [EUR]					

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	Gross Price (for filter housing only) EUR
			Nm³/h	scfm	A mm	B mm	C mm	D mm	E mm			
BF 0240	80	16/232	1.680	989	1.145	450	1640	219	157	71	1 x 76090	
BF 0300	100	16/232	3.150	1.853	1.330	560	1780	324	208	110	2 x 76090	
BF 0450	125	16/232	4.700	2.765	1.330	560	1780	324	206	115	3 x 76090	
BF 0600	150	16/232	6.300	3.706	1.360	620	1780	368	241	154	4 x 76090	
BF 0900	150	16/232	9.400	5.530	1.420	680	1810	405	261	195	6 x 76090	
BF 1200	200	16/232	12.550	7.382	1.850	792	525	508	-	340	8 x 76090	
BF 1500	200	16/232	15.700	9.235	1.890	918	545	610	-	497	10 x 76090	
BF 1800	250	16/232	18.850	11.088	1.920	955	555	610	-	367	12 x 76090	
BF 2500	250	16/232	25.100	14.765	2.030	1.042	685	711	-	643	16 x 76090	
BF 3000	300	16/232	31.400	18.481	2.130	1.085	680	711	-	656	20 x 76090	

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								
			15 µm	3 µm	1 µm	0,1 µm	0,01 µm	
			B prefilter	P prefilter	R prefilter	M microfilter	S finefilter	A activated carbon
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price EUR	Gross price EUR				
76090	1.680	All sizes						

CONDENSATE DRAINS										
	AOK 13PA	AOK 20B	TD 16M	ECD 15B	ECD 40B	ECD 90B	ECD 150B	EMD 12	EMD 25	EMD 75
Gross Price [EUR]										
										
	EMD 150	EMD 300								

* You can find other variations of condensate drains from page 66 on.

DIFFERENTIAL PRESSURE INDICATOR	
	MDA 60
Gross Price [EUR]	

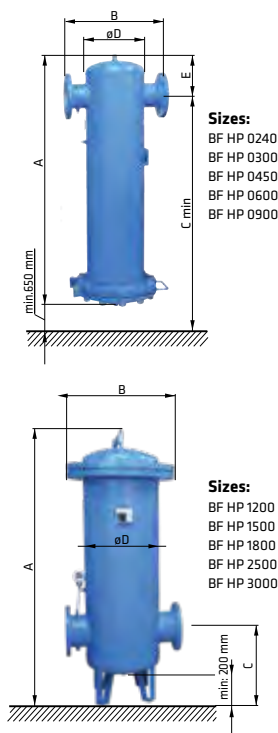
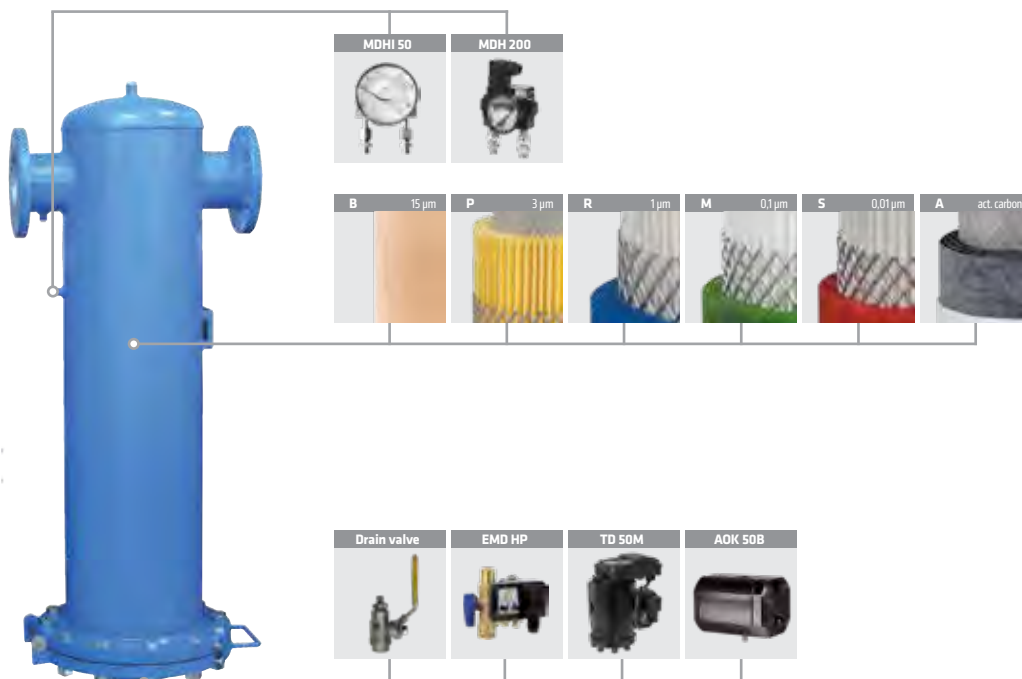
ACCESSORIES	
	Vent for AOK 20B
	Nipple
Gross Price [EUR]	

BF HP

HIGH PRESSURE WELDED CARBON STEEL COMPRESSED AIR FILTERS

operating pressure

25 bar



TECHNICAL DATA & PRICES

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)
					A	B	C	D	E			
	DN	bar/psi	Nm³/h	scfm	mm	mm	mm	mm	mm	kg		EUR
BF HP 0240	80	25/362	1.680	989	1.170	450	1660	219	166	61	1 x 76090	
BF HP 0300	100	25/362	3.150	1.853	1.330	560	1780	324	208	115	2 x 76090	
BF HP 0450	125	25/362	4.700	2.765	1.330	560	1780	324	206	123	3 x 76090	
BF HP 0600	150	25/362	6.300	3.706	1.360	620	1780	368	241	178	4 x 76090	
BF HP 0900	150	25/362	9.400	5.530	1.420	680	1810	405	261	218	6 x 76090	
BF HP 1200	200	25/362	12.550	7.382	1.850	792	525	508	-	320	8 x 76090	
BF HP 1500	200	25/362	15.700	9.235	1.890	918	545	610	-	455	10 x 76090	
BF HP 1800	250	25/362	18.850	11.088	1.920	655	555	610	-	500	12 x 76090	
BF HP 2500	250	25/362	25.100	14.765	2.030	1.042	685	711	-	590	16 x 76090	
BF HP 3000	300	25/362	31.400	18.481	2.130	1.085	680	711	-	684	20 x 76090	

Remarks:

- Prices are for filter housings only.
- "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.
- 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.
- Valid if "S" filter cartridge is installed upstream.

Models BF HP 0240 to BF HP 0900 can be produced with optional integrated support legs, which should be noticed at order.

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								
			15 µm	3 µm	1 µm	0,1 µm	0,01 µm	
			B prefilter	P prefilter	R prefilter	M microfilter	S finefilter	A activated carbon
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price EUR	Gross price EUR				
76090	1.680	All sizes						

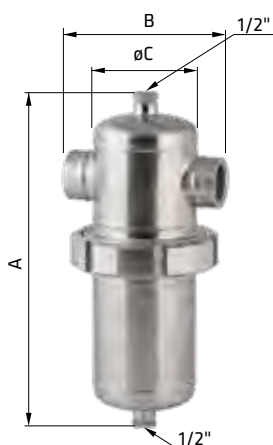
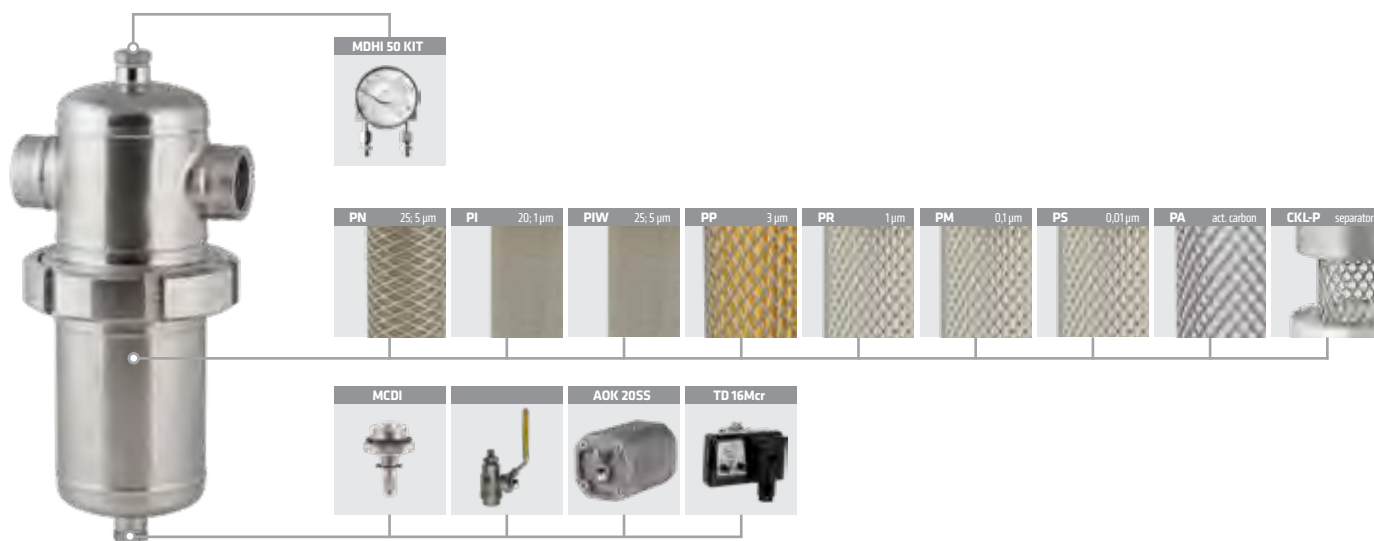
CONDENSATE DRAINS				
	Drain valve	TD 50M	EMD HP	AOK 50B
Gross Price [EUR]				

DIFFERENTIAL PRESSURE INDICATOR			
	MDHI 50	MDH 200	MDH 200C
Gross Price [EUR]			

ACCESSORIES		
	Nipple HP	Nipple 50SS
Gross Price [EUR]		

WFIT**WELDED STAINLESS STEEL COMPRESSED AIR FILTERS - THREADED CONNECTION**

operating pressure

14 bar**TECHNICAL DATA & PRICES**

Filter housing size	Pipe size	Oper. press.	Flow rate at 7 bar(g), 20 °C		Dimensions			Mass	Filter element type	Gross Price for 1.4404 (for filter housing only) EUR
					A	B	C			
	inch	bar/psi	Nm³/h	scfm	mm	mm	mm	kg		
WFIT 005	1/4	14/203	75	44	204	120	76,1	1,9	0310	
WFIT 007	3/8	14/203	105	62	235	120	76,1	2,1	0410	
WFIT 010	1/2	14/203	150	88	239	121	76,1	2,2	0420	
WFIT 018	3/4	14/203	225	132	263	121	76,1	2,3	0520	
WFIT 030	1	14/203	315	185	278	136	88,9	3,1	0525	
WFIT 047	1 1/4	14/203	420	247	343	155	88,9	3,4	0725	
WFIT 070	1 1/2	14/203	600	353	376	180	114,3	4,6	0730	
WFIT 094	2	14/203	900	530	458	180	114,3	5,4	1030	
WFIT 150	2	14/203	1.260	742	571	180	114	6,1	1530	
WFIT 175	2 1/2	14/203	1.680	989	722	226	140	11,4	2030	
WFIT 200	3	14/203	2.400	1.413	1.004	224	140	12	3030	
WFIT 240	3	14/203	3.600	2.119	1029	252	168	16	3050	

Remark:

- Prices are for filter housings only.
- 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											
			25 µm; 5 µm	20 µm; 1 µm	20 µm; 1 µm	3 µm	1 µm	0,1 µm	0,01 µm		
			PN	PI	PIW	PP	PR	PM	PS	PA	CKL-P
			prefilter	prefilter	prefilter	prefilter	prefilter	microfilter	finefilter	activated carbon	separator
			stainless steel mesh 1.4301	sintered INOX 1.4404		acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres	stainless steel
										activated carbon	
Filter element type	Flow rate	Corresponding housing	Gross price			Gross price					
	Nm³/h		EUR			EUR					
0310	75	WFIT 005									
0410	105	WFIT 007									
0420	150	WFIT 010									
0520	225	WFIT 018									
0525	315	WFIT 030									
0725	420	WFIT 047									
0730	600	WFIT 070									
1030	900	WFIT 094									
1530	1.260	WFIT 150									
2030	1.680	WFIT 175									
3030	2.400	WFIT 200									
3050	3.600	WFIT 240									

CONDENSATE DRAINS				
	MCDI	1/2" Drain valve	Stainless steel 1.4404 AOK 20SS	TD 16Mcr
Gross Price [EUR]				

DIFFERENTIAL PRESSURE INDICATOR (includes complete connection pipeline)	
	MDHI 50 KIT
Gross Price [EUR]	

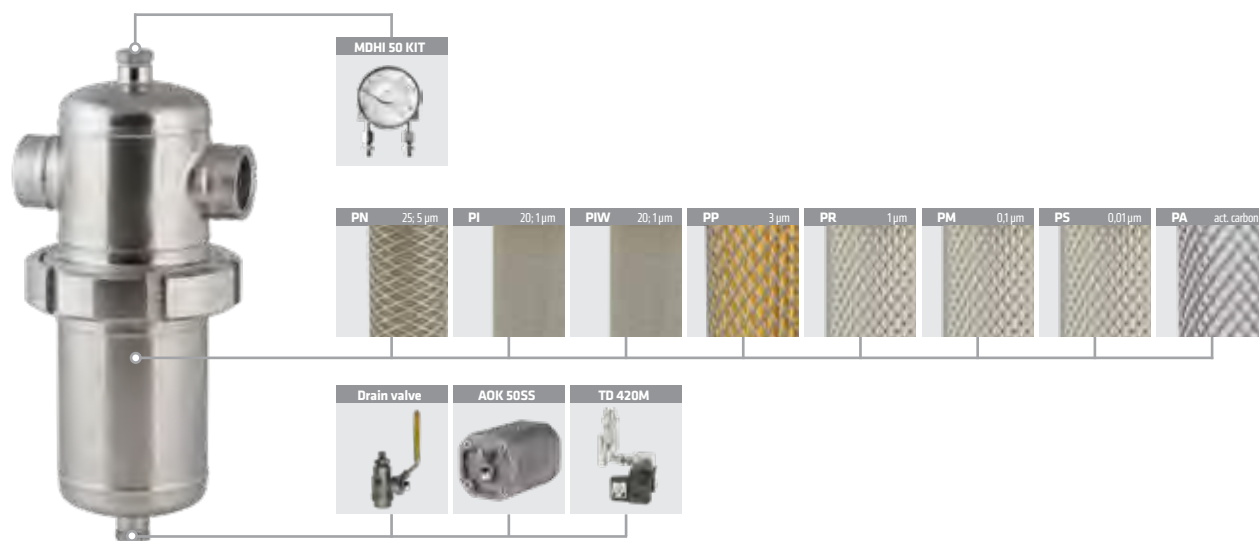
ACCESSORIES		
	1/2" Nipple M	Vent for AOK 50SS Nipple 50SS
Gross Price [EUR]		

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	Gross Price for 1.4404 (for filter housing only) EUR
					A mm	B mm	C mm			
WHFIT 010	1/2	50/725	150	88	244	121	76,1	2,6	0420	
WHFIT 018	3/4	50/725	225	132	268	121	76,1	2,8	0520	
WHFIT 030	1	50/725	315	185	302	143	88,9	3,4	0525	
WHFIT 047	1 1/4	50/725	420	247	335	160	88,9	3,9	0725	
WHFIT 070	1 1/2	50/725	600	353	402	182	114,3	5,6	0730	
WHFIT 094	2	50/725	900	530	469	180	114,3	6,2	1030	
WHFIT 150	2	50/725	1260	742	606	180	114,3	6,9	1530	
WHFIT 200	3	50/725	2400	1.413	1.028	228	139,7	11,5	3030	

Remark:

- Prices are for filter housings only.
- 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

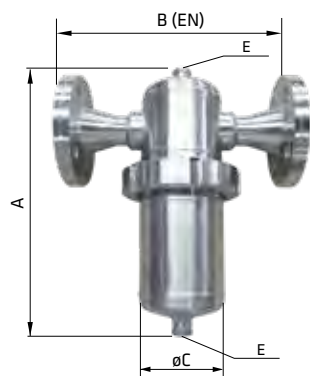
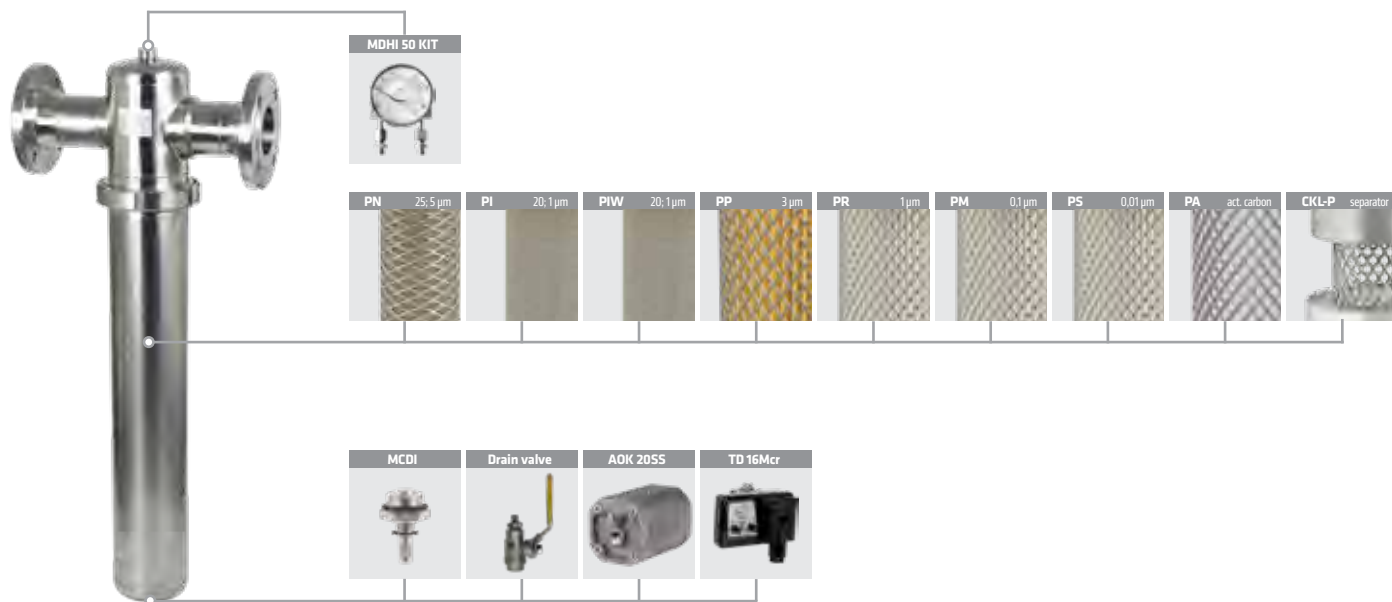
FILTER ELEMENTS											
			25; 5 µm	20 µm; 1 µm	20 µm; 1 µm	3 µm	1 µm	0,1 µm	0,01 µm		
			PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	CKL-P separator
			stainless steel mesh 1.4301	sintered INOX 1.4404		acrylic fibers, cellulose	borosilicate micro fibres			borosil. micro fibres activated carbon	stainless steel
Filter element type	Flow rate	Corresponding housing	Gross price			Gross price					
	Nm³/h		EUR			EUR					
0420	150	WHFIT 010									
0520	225	WHFIT 018									
0525	315	WHFIT 030									
0725	420	WHFIT 047									
0730	600	WHFIT 070									
1030	900	WHFIT 094									
1530	1260	WHFIT 150									
3030	2400	WHFIT 200									

CONDENSATE DRAIN			
	1/2"	Stainless steel 1.4404	
	Drain valve	AOK 50SS	TD 420M 230 V
Gross Price [EUR]			

* You can find other variations of condensate drains from page 66 on.

DIFFERENTIAL PRESSURE INDICATOR (includes complete connection pipeline)	
	MDHI 50 KIT
Gross Price [EUR]	

ACCESSORIES	
	Vent for AOK 50SS Nipple 20SS
Gross Price [EUR]	



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

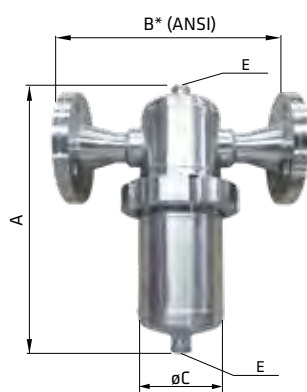
Filter housing size	Pipe size DN	Oper. press. bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price for 1.4404 (for filter housing only) EUR
					A mm	B mm	C mm	E inch			
WFIF 010	DN15	14/203	150	88	230	195	76,1	1/2	3,5	0420	
WFIF 018	DN20	14/203	225	132	263	201	76,1	1/2	4,3	0520	
WFIF 030	DN25	14/203	315	185	279	216	88,9	1/2	5,7	0525	
WFIF 047	DN32	14/203	420	247	343	235	88,9	1/2	6,6	0725	
WFIF 070	DN40	14/203	600	353	391	260	114,3	1/2	8	0730	
WFIF 094	DN50	14/203	900	530	444	270	114,3	1/2	9,8	1030	
WFIF 150	DN50	14/203	1.260	742	571	270	114,3	1/2	11	1530	
WFIF 175	DN65	14/203	1.680	989	752	295	139,7	1/2	14,2	2030	
WFIF 200	DN80	14/203	2.400	1.413	978	306	139,7	1/2	21,2	3030	
WFIF 240	DN80	14/203	3.600	2.119	1041	332	168,3	1/2	22,9	3050	
WFIF 450	DN100	10/145	5.040	2.966	981	410	219,1	1	55	3 x 2030	
WFIF 600	DN100	10/145	6.720	3.955	1.288	410	219,1	1	64	3 x 3030	
WFIF 900	DN150	10/145	9.600	5.650	1.310	480	273	1	87	4 x 3030	
WFIF 1200	DN150	10/145	13.440	7.910	1.351	540	323,9	1	110	6 x 3030	
WFIF 1800	DN200	10/145	17.280	10.171	1.496	660	406,4	1	200	8 x 3030	
WFIF 2000	DN200	10/145	21.120	12.431	1.496	660	406,4	1	200	10 x 3030	

Remark:

- Prices are for filter housings only.
- 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

Filter housing size	Pipe size	Oper. press.	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type	Gross Price for 1.4404 (for filter housing only) EUR
	DN	bar/psi	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	
WFIF 018	DN20	14/203	225	132	263	201	76,1	1/2	4,3	0520	
WFIF 030	DN25	14/203	315	185	279	216	88,9	1/2	5,7	0525	
WFIF 047	DN32	14/203	420	247	343	235	88,9	1/2	6,6	0725	
WFIF 070	DN40	14/203	600	353	391	260	114,3	1/2	8	0730	
WFIF 094	DN50	14/203	900	530	444	270	114,3	1/2	9,8	1030	
WFIF 150	DN50	14/203	1.260	742	571	270	114,3	1/2	11	1530	
WFIF 175	DN65	14/203	1.680	989	752	295	139,7	1/2	14,2	2030	
WFIF 200	DN80	14/203	2.400	1.413	978	306	139,7	1/2	21,2	3030	
WFIF 240	DN80	14/203	3.600	2.119	1041	332	168,3	1/2	22,9	3050	
WFIF 450	DN100	10/145	5.040	2.966	981	410	219,1	1	55	3 x 2030	
WFIF 600	DN100	10/145	6.720	3.955	1.288	410	219,1	1	64	3 x 3030	
WFIF 900	DN150	10/145	9.600	5.650	1.310	480	273	1	87	4 x 3030	
WFIF 1200	DN150	10/145	13.440	7.910	1.351	540	323,9	1	110	6 x 3030	
WFIF 1800	DN200	10/145	17.280	10.171	1.496	660	406,4	1	200	8 x 3030	
WFIF 2000	DN200	10/145	21.120	12.431	1.496	660	406,4	1	200	10 x 3030	

FILTER ELEMENTS

PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	CKL-P separator
stainless steel mesh 14301	sintered INOX 1.4404		acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres activated carbon	stainless steel

Filter element type	Flow rate	Corresponding housing	Gross price		Gross price		Gross price
	Nm³/h		EUR		EUR		EUR
0420	150	WFIF 010					
0520	225	WFIF 018					
0525	315	WFIF 030					
0725	420	WFIF 047					
0730	600	WFIF 070					
1030	900	WFIF 094					
1530	1.260	WFIF 150					
2030	1.680	WFIF 175					
3030	2.400	WFIF 200					
3050	3.600	WFIF 240					
3 x 2030	5.040	WFIF 450					
3 x 3030	6.720	WFIF 600					
4 x 3030	9.600	WFIF 900					
6 x 3030	13.440	WFIF 1200					
8 x 3030	17.280	WFIF 1800					
10 x 3030	21.120	WFIF 2000					

CONDENSATE DRAINS



MCDI



1/2" Drain valve



1" Drain valve



AOK 20SS



TD 16Mcr

DIFFERENTIAL PRESSURE INDICATOR
(includes complete connection pipeline)



MDHI 50 KIT

Gross Price [EUR]

ACCESSORIES



Nipple M

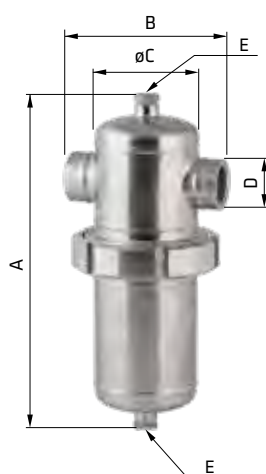
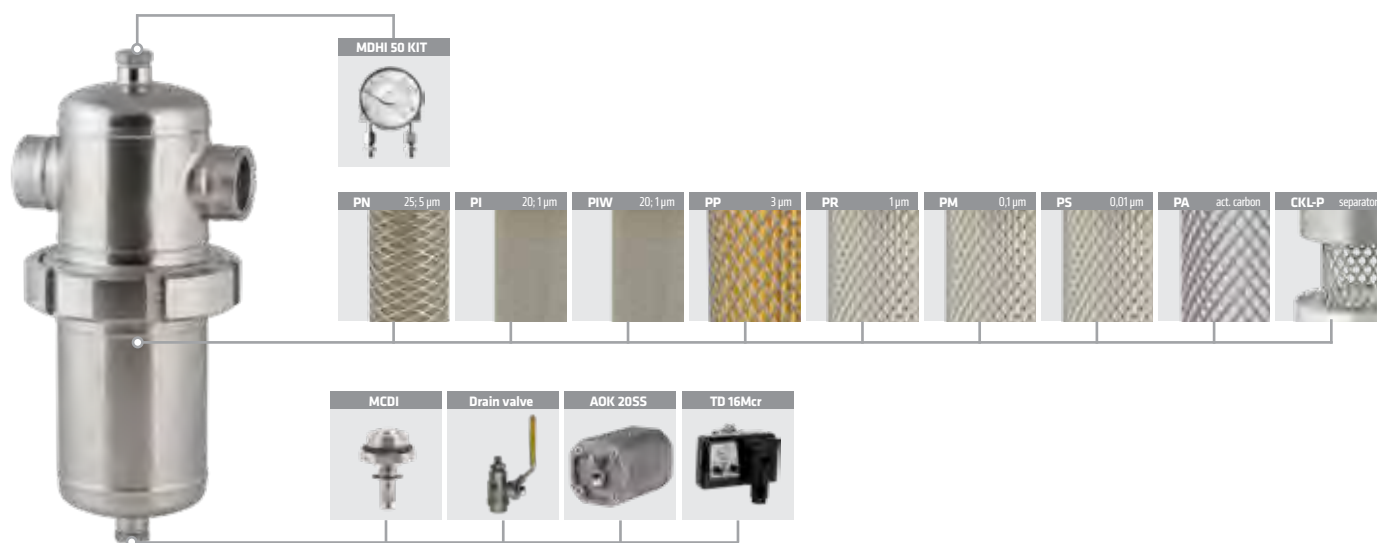


Nipple L



Nipple 50SS

Gross Price [EUR]



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

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
					A mm	B mm	C mm	E inch			
WFIW 005	13,5	14/203	75	44	202	116	76,1	1/2	1,8	0310	
WFIW 010	14,2	14/203	150	88	240	121	76,1	1/2	2	0420	
WFIW 018	21,3	14/203	225	132	254	125	76,1	1/2	2	0520	
WFIW 030	26,9	14/203	315	185	280	136	88,9	1/2	3	0525	
WFIW 047	33,7	14/203	420	247	337	155	88,9	1/2	3	0725	
WFIW 070	48,3	14/203	600	353	376	176	114,3	1/2	4,3	0730	
WFIW 094	60,3	14/203	900	530	457	180	114,3	1/2	4,8	1030	
WFIW 150	60,3	14/203	1.260	742	583	180	114,3	1/2	5,3	1530	
WFIW 175	76,1	14/203	1.680	989	740	224	139,7	1/2	9	2030	
WFIW 200	88,9	14/203	2.400	1.413	1004	224	139,7	1/2	10,8	3030	
WFIW 240	88,9	14/203	3.600	2.119	1029	252	168,3	1/2	16,2	3050	

Remark:

- Prices are for filter housings only.
- 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											
			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	CKL-P separator
			stainless steel mesh 14301		sintered INOX 14404		acrylic fibers, cellulose		borosilicate micro fibres		borosil. micro fibres activated carbon
Filter element type	Flow rate	Corresponding housing	Gross price			Gross price					Gross price
	Nm³/h		EUR			EUR					EUR
0310	75	WFIW 005									
0420	150	WFIW 010									
0520	225	WFIW 018									
0525	315	WFIW 030									
0725	420	WFIW 047									
0730	600	WFIW 070									
1030	900	WFIW 094									
1530	1.260	WFIW 150									
2030	1.680	WFIW 175									
3030	2.400	WFIW 200									
3050	3.600	WFIW 240									

CONDENSATE DRAINS					
	MCDI	1/2" Drain valve	1" Drain valve	Stainless steel 1.4404 AOK 20SS	TD 16Mcr
Gross Price [EUR]					

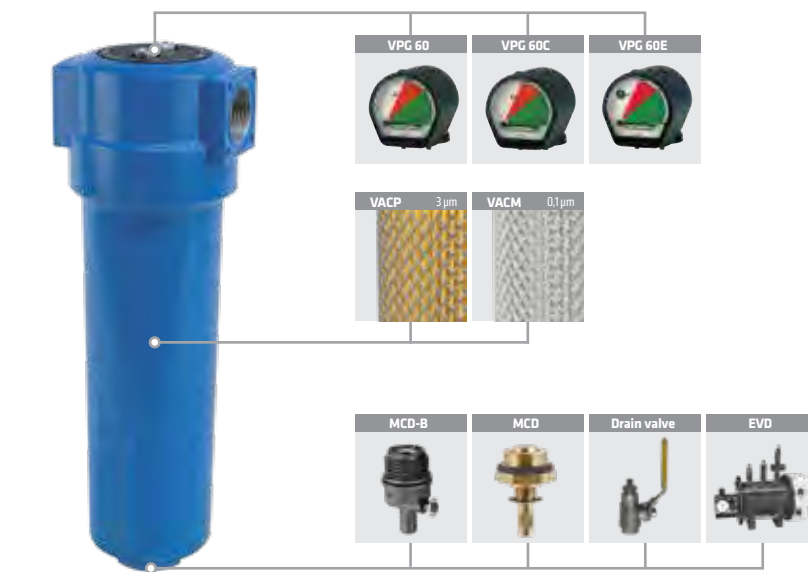
DIFFERENTIAL PRESSURE INDICATOR (includes complete connection pipeline)	
	MDHI 50 KIT
Gross Price [EUR]	

ACCESSORIES			
	1/2" Nipple M	1" Nipple L	Vent for AOK 50SS Nipple 50SS
Gross Price [EUR]			

P-VAC

VACUUM PUMP PROTECTION FILTERS

operating pressure

20 to 2.000 mbar (abs)

TECHNICAL DATA & PRICES

Filter housing size	Pipe size	Free air capacity at atmospheric pressure		Dimensions				Mass	Filter element type	Gross Price (for filter housing only) EUR
				A	B	C	D			
	inch	Nm ³ /h	scfm	mm	mm	mm	mm	kg		
P-VAC 0056	3/8	7,5	4,5	192	88	25	60	0,6	06050	
P-VAC 0076	1/2	9,8	5,8	192	88	25	60	0,6	07050	
P-VAC 0106	3/4	15	8,8	262	88	25	80	0,7	14050	
P-VAC 0186	1	24,8	14,6	264	125	39	100	1,2	12075	
P-VAC 0306	1	41,9	24,7	364	125	39	120	1,6	22075	
P-VAC 0476	1 1/2	63,8	37,6	464	125	39	140	1,9	32075	
P-VAC 0706	1 1/2	97,5	57,4	644	125	39	160	2,6	50075	
P-VAC 0946	2	125	73,6	696	164	50	520	5,7	51090	
P-VAC 1506	2	187	110,4	943	164	50	770	7,6	76090	
P-VAC 1756	2 1/2	210	123,6	943	164	50	770	7,3	76090	
P-VAC 2006	3	270	158,9	801	242	60	630	14,1	51140	
P-VAC 2406	3	345	203	998	242	60	780	16,7	75140	

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	1	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0,05	0,02

Remarks:

- Prices are for filter housings and valve only.
- 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.

FILTER ELEMENTS				
			VACP prefilter	VACM microfilter
			acrylic fibers, cellulose	borosilicate micro fibres
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price	
			EUR	
06050	7,5	P-VAC 0056		
07050	9,8	P-VAC 0076		
14050	15,0	P-VAC 0106		
12075	24,8	P-VAC 0186		
22075	41,9	P-VAC 0306		
32075	63,8	P-VAC 0476		
50075	97,5	P-VAC 0706		
51090	125	P-VAC 0946		
76090	187	P-VAC 1506		
76090	210	P-VAC 1756		
51140	270	P-VAC 2006		
75140	345	P-VAC 2406		

CONDENSATE DRAIN				
	MCD-B	MCD	Drain valve	EVD
Gross Price [EUR]				

DIFFERENTIAL PRESSURE INDICATORS			
	VPG 60	VPG 60C	VPG 60E
Gross Price [EUR]			

ACCESSORIES		
	WS	WM
Gross Price [EUR]		

M-VAC

MEDICAL VACUUM FILTERS

operating pressure

20 to 2.000 mbar (abs)


TECHNICAL DATA & PRICES

Filter housing size	Pipe size inch/DN	Free air capacity at atmospheric pressure		Dimensions			Mass kg	Filter element type	Gross Price EUR
		Nm³/h	scfm	A mm	B mm	D mm			
M-VAC 0056	3/8"	7,5	4	187	88	60	0,7	06050	
M-VAC 0076	1/2"	9,8	6	187	88	60	0,7	07050	
M-VAC 0106	3/4"	15,0	9	257	88	80	0,8	14050	
M-VAC 0186	1"	24,8	15	263	125	100	1,8	12075	
M-VAC 0306	1"	41,9	25	363	125	120	2,5	22075	
M-VAC 0476	1 1/2"	63,8	38	461	125	140	2,5	32075	
M-VAC 0706	1 1/2"	97,5	57	640	125	160	3,2	50075	
M-VAC 0946	2"	125	74	684	163	520	5,1	51090	
M-VAC 1506	2"	187,5	110	935	163	770	7,1	76090	
M-VAC 1756	2 1/2"	210	124	935	163	770	6,9	76090	
M-VAC 2006	3"	270	159	795	240	630	12,9	51140	
M-VAC 2406	3"	345	203	1000	240	780	14	75140	
M-VAC B240	DN80	275	162	1170	450	650	61	1x 76090	
M-VAC B300	DN100	394	232	1340	560	650	115	2x 76090	
M-VAC B450	DN125	587	345	1340	560	650	123	3x 76090	
M-VAC B600	DN150	787	463	1425	620	650	178	4x 76090	

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	1	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0,05	0,02

Remarks:

- Prices are for filter housings and valve only.
- 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_p .
- To select a filter to match system flow conditions, multiply the system flow by the correction factor C_p that corresponds to vacuum in the pipe.

FILTER ELEMENTS



VAC
microfilter

borosilicate
micro fibers

Filter element type	Flow rate	Corresponding housing	Gross price
	Nm³/h		EUR
06050	7,5	M-VAC 0056	
07050	9,8	M-VAC 0076	
14050	15,0	M-VAC 0106	
12075	24,8	M-VAC 0186	
22075	41,9	M-VAC 0306	
32075	63,8	M-VAC 0476	
50075	97,5	M-VAC 0706	
51090	125	M-VAC 0946	
76090	187,5	M-VAC 1506	
76090	210	M-VAC 1756	
51140	270	M-VAC 2006	
75140	345	M-VAC 2406	
1x 76090	275	M-VAC B240	
2x 76090	394	M-VAC B300	
3x 76090	587	M-VAC B450	
4x 76090	787	M-VAC B600	

CONDENSATE DRAIN



ball valve

Gross Price [EUR]

DIFFERENTIAL PRESSURE INDICATORS



VPG 60



VPG 60C



VPG 60E

Gross Price [EUR]

ACCESSORIES



DGFSK 10
(100 ml)



DGFSK 25
(250 ml)



DGFSK 50
(500 ml)



KIT 10
(100 ml)



KIT 25
(250 ml)



KIT 50
(500 ml)



WS



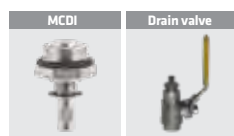
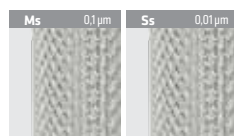
WM

Gross Price [EUR]

AFs

SILICONE FREE FILTERS

operating pressure

16 bar

TECHNICAL DATA & PRICES

Filter housing size	Pipe size inch	Flow rate Nm ³ /h	Dimensions				Mass kg	Filter element type	Gross Price (for filter housing only) EUR
			A mm	B mm	C mm	D mm			
AFs 0056	3/8	60	187	88	20	60	0,7	06050	
AFs 0076	1/2	75	187	88	20	60	0,7	07050	
AFs 0106	3/4	120	257	88	20	80	0,8	14050	
AFs 0186	1	198	263	125	32	100	1,8	12075	
AFs 0306	1	335	363	125	32	120	2,5	22075	
AFs 0476	1 1/2	510	461	125	32	140	2,5	32075	
AFs 0706	1 1/2	780	640	125	32	160	3,2	50075	
AFs 0946	2	1.000	684	163	43	520	5,1	51090	
AFs 1506	2	1.500	935	163	43	770	7,1	76090	
AFs 1756	2 1/2	1.680	935	163	43	770	6,9	76090	
AFs 2006	3	2.160	795	240	59	630	12,9	51140	
AFs 2406	3	2.760	1.000	240	59	780	14,0	75140	

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 filter housings only.

FILTER ELEMENTS				
			Ms microfilter	Ss microfilter
			borosilicate micro fibers	
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price	
			EUR	
06050	60	AFs 0056		
07050	78	AFs 0076		
14050	120	AFs 0106		
12075	198	AFs 0186		
22075	335	AFs 0306		
32075	510	AFs 0476		
50075	780	AFs 0706		
51090	1.000	AFs 0946		
76090	1.500	AFs 1506		
76090	1.680	AFs 1756		
51140	2.160	AFs 2006		
75140	2.760	AFs 2406		

CONDENSATE DRAIN		
	MCDI	Drain valve
Gross Price [EUR]	25,88	132,61

ACCESSORIES					
	AFs 0056 to AFs 0106 WS	AFs 0186 to AFs 0706 WM	AF 0056 to AF 0106 AK-3/8", AK-1/2", AK-3/4"	AF 0186 to AF 0706 AK-1", AK-1 1/2"	AF 0946 to AF 2406 AK-2", AK-2 1/2", AK-3"
Gross Price [EUR]	41,59	52,05	82,73	96,14	249,31

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	Gross Price (for filter housing only) EUR	Gross Price (filter housing with flange) EUR
					A mm	B mm	C mm	D mm				
HF 007	1/2	50/725	71	42	250	110	30	80	2,1	6060		
HF 010	3/4	50/725	112	66	250	110	30	90	2,1	7060		
HF 018	1	50/725	204	120	250	110	30	140	2,1	12060		
HF 047	1 1/2	50/725	282	166	535	160	45	260	9,5	22090		
HF 070	1 1/2	50/725	400	235	535	160	45	360	9,5	32090		
HF 094	2	50/725	494	291	715	160	45	540	12,2	50090		
HF 150	2	50/725	799	470	715	160	45	550	12,2	51090		
HF 200	3	50/725	2160	1270	862	198	70	620	30,4	51140		
HF 240	3	50/725	2760	1620	1010	198	70	780	34,9	75140		

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

Remarks:

- Prices are for filter housings 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.

FILTER ELEMENTS								
			15 µm	3 µm	1 µm	0,1 µm	0,01 µm	
			B prefilter	P prefilter	R prefilter	M microfilter	S finefilter	A 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 EUR	Gross price EUR				
6060	71	HF 007						
7060	112	HF 010						
12060	204	HF 018						
22090	282	HF 047						
32090	400	HF 070						
50090	494	HF 094						
51090	799	HF 150						
51140	2160	HF 200						
75140	2760	HF 240						

CONDENSATE DRAINS				
	TD 50M	Drain valve	EMD HP	AOK 50B
Gross Price [EUR]				

DIFFERENTIAL PRESSURE INDICATOR		
	MDHI 50	MDH 200
Gross Price [EUR]		

* You can find other variations of differential pressure indicator on page 66 and 67.

ACCESSORIES		
	Nipple HP	Nipple 50SS
Gross Price [EUR]		

HF O₂

CAST ALUMINIUM HIGH PRESSURE FILTERS FOR OXYGEN

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	Gross Price (for filter housing only) EUR
					A mm	B mm	C mm	D mm			
HF O ₂ 007	1/2	50/725	71	42	250	110	30	80	2,1	6060	
HF O ₂ 010	3/4	50/725	112	66	250	110	30	90	2,1	7060	
HF O ₂ 018	1	50/725	204	120	250	110	30	140	2,1	12060	
HF O ₂ 047	1 1/2	50/725	282	166	535	160	45	260	9,5	22090	
HF O ₂ 070	1 1/2	50/725	400	235	535	160	45	360	9,5	32090	
HF O ₂ 094	2	50/725	494	291	715	160	45	540	12,2	50090	
HF O ₂ 150	2	50/725	799	470	715	160	45	550	12,2	51090	
HF O ₂ 200	3	50/725	2160	1270	862	198	70	620	30,4	51140	
HF O ₂ 240	3	50/725	2760	1620	1010	198	70	780	34,9	75140	

Remarks:

- Prices are for filter housings 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.

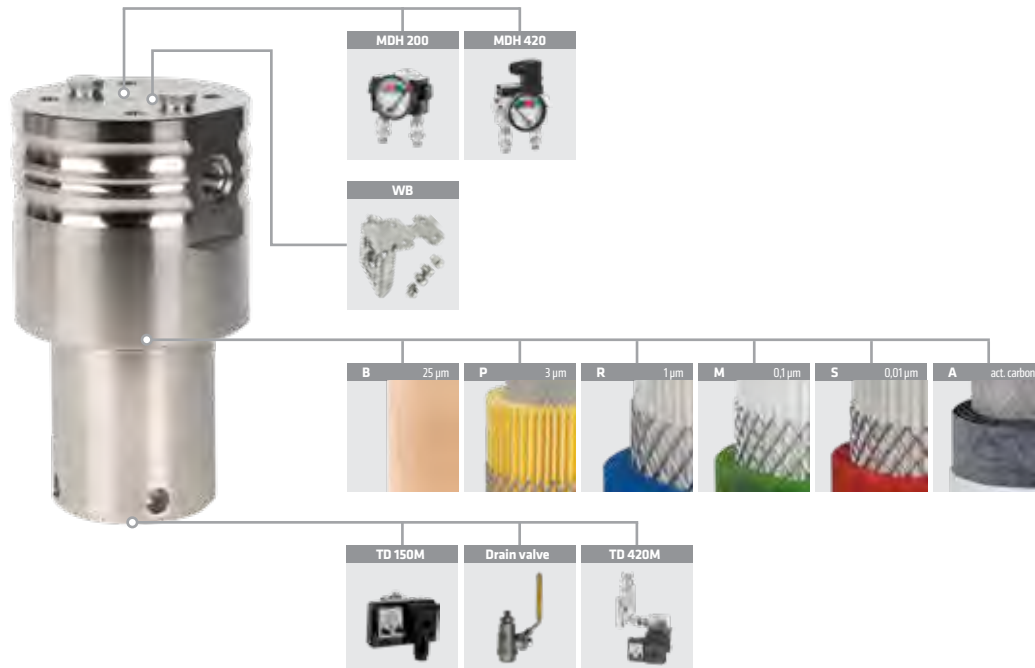
CORRECTION FACTORS

Operating pressure [bar]	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
			R prefilter	M microfilter	S finelfilter
			borosilicate micro fibres		
Filter element type	Flow rate Nm ³ /h	Corresponding housing	Gross price		
			EUR		
6060	71	HF O ₂ 007			
7060	112	HF O ₂ 010			
12060	204	HF O ₂ 018			
22090	282	HF O ₂ 047			
32090	400	HF O ₂ 070			
50090	494	HF O ₂ 094			
51090	799	HF O ₂ 150			
51140	2160	HF O ₂ 200			
75140	2760	HF O ₂ 240			

CHP**CARBON STEEL HIGH PRESSURE FILTERS**

operating pressure

100 / 250 / 420 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	Gross Price (for filter housing only)		
					A	B	C	D			EUR	EUR	EUR
			Nm³/h	scfm	mm	mm	mm	mm			100 bar	250 bar	420 bar
CHP 003	1/4	100/250/420	40	23,5	182	98	104	30	7,6	0305			
CHP 005	3/8	100/250/420	70	41,2	182	98	104	30	7,6	0310			
CHP 007	1/2	100/250/420	130	76,5	230	118	129	36	15,3	0420			
CHP 010	3/4	100/250/420	195	115	254	118	129	36	16,1	0520			
CHP 018	1	100/250/420	275	162	276	145	158	46	26,5	0525			
CHP 030	1 1/4	100/250/420	380	223	328	145	158	46	28,6	0725			
CHP 047	1 1/2	100/250/420	495	291	385	195	216	65	65,9	0730			
CHP 094	2	100/250/420	715	421	460	195	216	65	71,4	1030			

CORRECTION FACTORS

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

Remarks:

- Prices are for filter housings 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.

FILTER ELEMENTS								
			25 µm	3 µm	1 µm	0,1 µm	0,01 µm	
			B prefilter	P prefilter	R prefilter	M microfilter	S finefilter	A activated carbon
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosili. micro fibres
								activated carbon
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price EUR	Gross price EUR				
0305	40	CHP 003						
0310	70	CHP 005						
0420	130	CHP 007						
0520	195	CHP 010						
0525	275	CHP 018						
0725	380	CHP 030						
0730	495	CHP 047						
1030	715	CHP 094						

CONDENSATE DRAIN			
	TD 150M*	Drain valve HP	TD 420M 230V
Gross Price [EUR]			

*Remark: Without strainer.

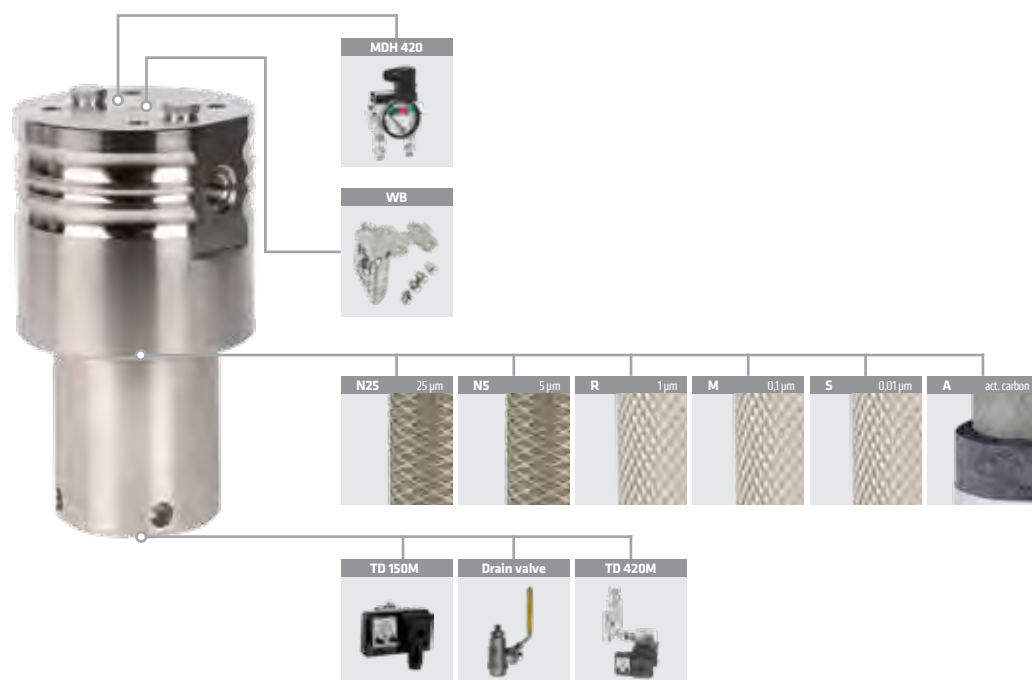
DIFFERENTIAL PRESSURE INDICATOR		
	MDH 200	MDH 420
Gross Price [EUR]		

* You can find other variations of differential pressure indicator on page 66 and 67.

ACCESSORIES				
	CHP 003-005 WB CHP/IHP S	CHP 007-010 WB CHP/IHP M	CHP 018-030 WB CHP/IHP L	CHP 047-095 WB CHP/IHP XL
Gross Price [EUR]				

IHP**STAINLESS STEEL HIGH PRESSURE FILTERS**

operating pressure

100 / 250 / 420 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	Gross Price for 1.4301 (for filter housing only)		
					A	B	C	D			EUR	EUR	EUR
					mm	mm	mm	mm			100 bar	250 bar	420 bar
IHP 003	1/4	100/250/420	40	23,5	182	98	104	30	7,9	0305			
IHP 005	3/8	100/250/420	70	41,2	182	98	104	30	7,9	0310			
IHP 007	1/2	100/250/420	130	76,5	230	118	129	36	15,7	0420			
IHP 010	3/4	100/250/420	195	115	254	118	129	36	16,6	0520			
IHP 018	1	100/250/420	275	162	276	145	158	46	27,3	0525			
IHP 030	1 1/4	100/250/420	380	223	328	145	158	46	29,6	0725			
IHP 047	1 1/2	100/250/420	495	291	385	195	216	65	67,8	0730			
IHP 094	2	100/250/420	715	421	460	195	216	65	73,5	1030			

Remark:

- Prices are for filter housings only.
- Used material is 1.4301.
- On request possible 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								
			25 µm	5 µm	1 µm	0,1 µm	0,01 µm	
			N25 prefilter	N5 prefilter	R prefilter	M microfilter	S finefilter	A activated carbon
			stainless steel mesh		borosilicate micro fibres			borosili. micro fibres activated carbon
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price		Gross price			
			EUR		EUR			
0305	40	IHP 003						
0310	70	IHP 005						
0420	130	IHP 007						
0520	195	IHP 010						
0525	275	IHP 018						
0725	380	IHP 030						
0730	495	IHP 047						
1030	715	IHP 094						

CONDENSATE DRAIN			
	TD 150M*	Drain valve HP	TD 420M 230V
Gross Price [EUR]			

*Remark: Without strainer.

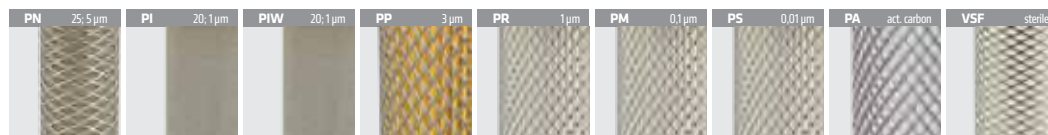
DIFFERENTIAL PRESSURE INDICATOR	
	MDH 420
Gross Price [EUR]	

* You can find other variations of differential pressure indicator on page 66 and 67.

ACCESSORIES				
	IHP 003-005 WB CHP/IHP S	IHP 007-010 WB CHP/IHP M	IHP 018-030 WB CHP/IHP L	IHP 047-095 WB CHP/IHP XL
Gross Price [EUR]				

PF**STAINLESS STEEL PROCESS FILTERS**

operating pressure

14 bar**TECHNICAL DATA & PRICES**

Filter housing size	Pipe size	Oper. press.	Flow rate at 7 bar(g), 20°C		Dimensions				Mass kg	Filter element type	Gross Price for 1,4404 (for filter housing only) EUR
	inch		Nm³/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	
PF 007	3/8"	14/203	105	62	236	120	76,1	1/4	2	0410	
PF 010	1/2"	14/203	150	88	239	121	76,1	1/4	2,1	0420	
PF 018	3/4"	14/203	225	132	263	121	76,1	1/4	2,2	0520	
PF 030	1"	14/203	315	185	280	136	88,9	1/4	3	0525	
PF 047	1 1/4"	14/203	420	247	343	155	88,9	1/4	3,4	0725	
PF 070	1 1/2"	14/203	600	353	376	180	114,3	1/4	4,6	0730	
PF 094	2"	14/203	900	530	445	180	114,3	1/4	5,2	1030	
PF 150	2"	14/203	1.260	742	572	180	114,3	1/4	6	1530	
PF 175	2 1/2"	14/203	1.680	989	736	226	139,7	1/4	9,6	2030	
PF 200	3"	14/203	2.400	1.413	979	226	139,7	1/4	13,7	3030	
PF 240	3"	14/203	3.600	2.119	1041	256	168,3	1/4	18,5	3050	
PF 450	DN100	105	5.040	2.966	981	410	219,1	1	56	3x 2030	
PF 600	DN100	105	6.720	3.955	1240	410	219,1	1	60	3x 3030	
PF 900	DN150	105	9.600	5.650	1311	480	273	1	90	4x 3030	
PF 1200	DN150	105	13.440	7.910	1330	540	323,9	1	112	6x 3030	
PF 1800	DN200	105	17.280	10.171	1496	660	406,4	1	201	8x 3030	
PF 2000	DN200	105	21.120	12.431	1496	660	406,4	1	202	10x 3030	

**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

Remarks:

- Prices are for filter housings only.
- 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.

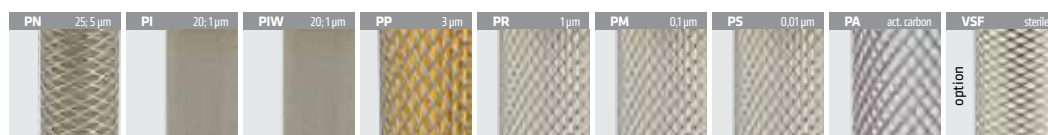
FILTER ELEMENTS											
			25 µm; 5 µm	20 µm; 1 µm	20 µm; 1 µm	3 µm	1 µm	0,1 µm	0,01 µm		
			PN prefilter	PI prefilter	PIW prefilter	PP prefilter	PR prefilter	PM microfilter	PS finefilter	PA activated carbon	VSF sterile
			stainless steel mesh 1.4301	sintered INOX 1.4404		acrylic fibers, cellulose	borosilicate micro fibres			borosil. micro fibres activated carbon	borosilicate micro fibres
Filter element type	Flow rate	Corresponding housing	Gross price			Gross price					Gross price
	Nm³/h		EUR			EUR					EUR
0310	75	PF 005									
0410	105	PF 007									
0420	150	PF 010									
0520	225	PF 018									
0525	315	PF 030									
0725	420	PF 047									
0730	600	PF 070									
1030	900	PF 094									
1530	1.260	PF 150									
2030	1.680	PF 175									
3030	2.400	PF 200									
3050	3.600	PF 240									
3x 2030	5.040	PF 450									
3x 3030	6.720	PF 600									
4x 3030	9.600	PF 900									
6x 3030	13.440	PF 1200									
8x 3030	17.280	PF 1800									
10x 3030	21.120	PF 2000									

CONDENSATE DRAINS					
	MCDI	1/4" Drain valve	1" Drain valve	AOK 20SS	TD 16Mcr
Gross Price [EUR]					

ACCESSORIES			
	Nipple S	Nipple L	Vent for AOK 50SS
Gross Price [EUR]			

HPF**HIGH PRESSURE STAINLESS STEEL PROCESS FILTERS**

operating pressure

50 bar**TECHNICAL DATA & PRICES**

Filter housing size	Pipe size	Oper. press.	Flow rate at 7 bar(g), 20°C		Dimensions			Mass	Filter element type	Gross Price for 1,4404 (for filter housing only) EUR
					A	B	C			
inch	bar/psi	Nm³/h	scfm	mm	mm	mm	kg			
HPF 010/50	1/2	50/725	150	88	243	121	76,1	2,5	0420	
HPF 018/50	3/4	50/725	225	132	267	129	76,1	2,7	0520	
HPF 030/50	1	50/725	315	185	286	143	88,9	3,4	0525	
HPF 047/50	1 1/4	50/725	420	247	336	160	88,9	3,9	0725	
HPF 070/50	1 1/2	50/725	600	353	400	182	114,3	5,6	0730	
HPF 094/50	2	50/725	900	530	481	180	114,3	9,2	1030	
HPF 150/50	2	50/725	1260	742	607	180	114,3	10,9	1530	
HPF 200/50	3	50/725	2400	1413	1.018	228	139,7	11,5	3030	

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

Remarks:

- Prices are for filter housings only.
- 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.

FILTER ELEMENTS											
			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 fibres, cellulose	borosilicate micro fibres			borosil. micro fibres activated carbon	borosilicate micro fibres
Filter element type	Flow rate	Corresponding housing	Gross price			Gross price					Gross price
	Nm³/h		EUR			EUR					EUR
0420	150	HPF 010/50									
0520	225	HPF 018/50									
0525	315	HPF 030/50									
0725	420	HPF 047/50									
0730	600	HPF 070/50									
1030	900	HPF 094/50									
1530	1260	HPF 150/50									
3030	2400	HPF 200/50									

CONDENSATE DRAIN		
	AOK 50SS	TD 420M 230V
Gross Price [EUR]		

* You can find other variations of condensate drains from page 66 on.

ACCESSORIES	
	Vent for AOK 50SS Nipple 50SS
Gross Price [EUR]	

PFL**STAINLESS STEEL PROCESS FILTERS FOR LIQUIDS**

operating pressure

10 bar**TECHNICAL DATA & PRICES**

Filter housing size	Pipe size	Operating pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	CODE	Gross Price for 1.4301 EUR
	inch		l/min	gpm	A mm	B mm	C mm	D mm			
PFL 003	3/8	10/145	3	0,8	270	110	76,1	90	1,2	4320001	
PFL 008	3/8	10/145	8	2,1	330	110	76,1	90	1,4	4320002	
PFL 012	1	10/145	12	3,2	402	220	114,3	105	4,4	4320003	
PFL 025	1	10/145	25	6,6	540	220	114,3	105	5,1	4320004	
PFL 050	1	10/145	50	13,2	785	220	114,3	105	6,4	4320005	
PFL 075	1	10/145	75	19,8	1.029	220	114,3	105	7,8	4320006	
PFL 080	1 1/2	10/145	80	21,1	680	320	168,3	192	16	4320007	
PFL 150	1 1/2	10/145	150	39,6	930	320	168,3	192	18	4320008	
PFL 225	1 1/2	10/145	225	59,4	1.200	320	168,3	192	20	4320009	
PFL 250	2	10/145	250	66	960	400	219,1	165	24	4320010	
PFL 375	2	10/145	375	99	1.210	400	219,1	165	27	4320011	
PFL 400*	2 1/2	10/145	400	106	980	500	323,9	175	36	4320012	
PFL 600*	3	10/145	600	159	1.230	500	323,9	175	41	4320013	

Flow capacity based on water.

Standard is BSP pipe connection, other pipe connection on request.

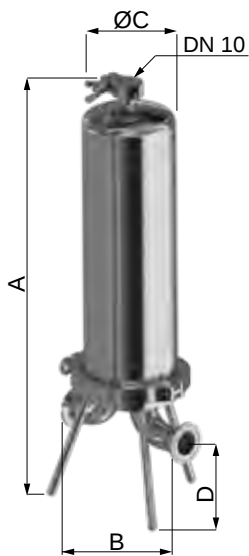
* Max. operating pressure for liquids is 7 bar; 3 bar for saturated steam.

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

SFL**STAINLESS STEEL STERILE FILTERS FOR LIQUIDS**

operating pressure

10 bar**TECHNICAL DATA & PRICES**

Filter housing size	Pipe size	Operating pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	CODE	Gross Price for 1.4301 EUR
	DN		l/min	gpm	A mm	B mm	C mm	D mm			
SFL 003	DN10	10/145	3	0,8	260	110	76,1	90	1,2	4330001	
SFL 008	DN10	10/145	8	2,1	323	110	76,1	90	1,4	4330002	
SFL 012	DN25	10/145	12	3,2	396	220	114,3	105	4,4	4330003	
SFL 025	DN25	10/145	25	6,6	530	220	114,3	105	5,1	4330004	
SFL 050	DN25	10/145	50	13,2	775	220	114,3	105	6,4	4330005	
SFL 075	DN25	10/145	75	20	1.019	220	114,3	105	7,8	4330006	
SFL 080	DN40	10/145	80	21	680	320	168,3	192	16	4330007	
SFL 150	DN40	10/145	150	40	930	320	168,3	192	18	4330008	
SFL 225	DN40	10/145	225	59	1.200	320	168,3	192	20	4330009	
SFL 250	DN50	10/145	250	66	960	400	219,1	165	24	4330010	
SFL 375	DN50	10/145	375	99	1.210	400	219,1	165	27	4330011	
SFL 400*	DN65	10/145	400	106	980	500	323,9	175	36	4330012	
SFL 600*	DN65	10/145	600	159	1.230	500	323,9	175	41	4330013	

Flow capacity based on water.

Standard is BSP pipe connection, other pipe connection on request.

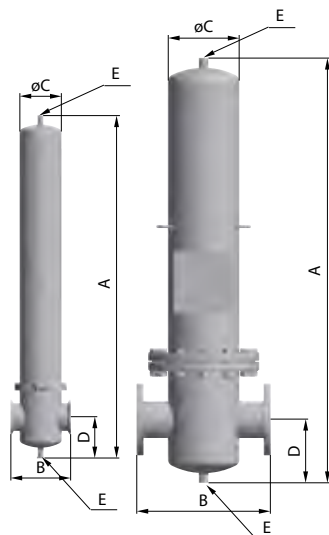
* Max. operating pressure for liquids is 7 bar; 3 bar for saturated steam.

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

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
			Nm³/h	scfm	A mm	B mm	C mm	D mm	E mm			
SF 006	DN10 / ø17,2	10/145	75	44	220	130	76,1	74	1/8"	1,6	0310	
SF 009	DN10 / ø17,2	10/145	105	62	248	130	76,1	74	1/8"	1,6	0410	
SF012	DN15 / ø21,3	10/145	150	88	256	128	76,1	78	1/8"	1,8	0420	
SF 018	DN15 / ø21,3	10/145	225	132	288	128	76,1	78	1/8"	1,8	0520	
SF 032	DN25 / ø35,7	10/145	315	185	315	180	114,3	99	1/4"	3,1	0530	
SF 048	DN32 / ø42,4	10/145	600	353	368	181	114,3	90	1/4"	3,4	0730	
SF 072	DN40 / ø48,3	10/145	900	530	449	174	114,3	65	1/4"	3,6	1030	
SF 108	DN50 / ø60,3	10/145	1.260	742	591	188	114,3	110	1/4"	4,9	1530	
SF 144	DN65 / ø76,1	10/145	1.680	989	741	205	139,7	136	1/4"	8,4	2030	
SF 192	DN80 / ø88,9	10/145	2.400	1.413	1014	203	139,7	136	1/4"	10,2	3030	
SF 432	DN100	10/145	5.040	2.966	1005	410	219,1	183	1/2"	44	3 x 2030	
SF 576	DN100	10/145	6.720	3.955	1266	410	219,1	183	1/2"	45	3 x 3030	
SF 768	DN150	10/145	9.600	5.650	1337	480	273	267	1/2"	70	4 x 3030	
SF 1152	DN150	10/145	13.440	7.910	1331	540	323,9	267	1"	80	6 x 3030	
SF 1536	DN200	10/145	17.200	10.124	1496	660	406,4	306	1"	200	8 x 3030	
SF 1920	DN200	10/145	21.120	12.431	1496	660	406,4	306	1"	201	10 x 3030	

Remarks:

- Prices are for filter housings only.

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



VSF

sterile

borosilicate
micro fibres

Filter element type	Flow rate	Corresponding housing	Gross price
	Nm³/h		EUR
0310	75	SF 006	
0410	105	SF 009	
0420	150	SF 012	
0520	225	SF 018	
0530	315	SF 032	
0730	600	SF 048	
1030	900	SF 072	
1530	1.260	SF 108	
2030	1.680	SF 144	
3030	2.400	SF 192	
3 x 2030	5.040	SF 432	
3 x 3030	6.720	SF 576	
4 x 3030	9.600	SF 768	
6 x 3030	13.440	SF 1152	
8 x 3030	17.200	SF 1536	
10 x 3030	21.120	SF 1920	

ACCESSORIES



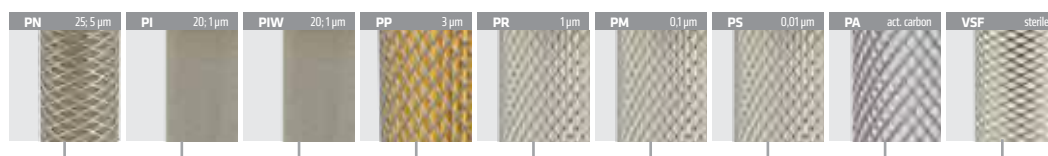
MSS

Gross Price [EUR]

29.355,00

SPF**STAINLESS STEEL STERILE FILTERS**

operating pressure

14 bar**TECHNICAL DATA & PRICES**

Filter housing size	Pipe size	Oper. press.	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass	Filter element type	Gross Price for 1,4404 (for filter housing only) EUR
	inch		bar/psi	Nm³/h	scfm	A mm	B mm	C mm			
SPF 005	1/4"	14/203	75	44	225	120	76,1	1/8	1,9	0310	
SPF 007	3/8"	14/203	105	62	251	120	76,1	1/8	2	0410	
SPF 010	1/2"	14/203	150	88	258	121	76,1	1/8	2,1	0420	
SPF 018	3/4"	14/203	225	132	282	121	76,1	1/8	2,3	0520	
SPF 030	1"	14/203	315	185	299	136	88,9	1/8	3,1	0525	
SPF 047	1 1/4"	14/203	420	247	359	155	88,9	1/8	3,4	0725	
SPF 070	1 1/2"	14/203	600	353	395	180	114,3	1/4	4,7	0730	
SPF 094	2"	14/203	900	530	464	180	114,3	1/4	5,3	1030	
SPF 150	2"	14/203	1.260	742	602	180	114,3	1/4	5,3	1530	
SPF 175	2 1/2"	14/203	1.680	989	762	224	139,7	1/4	9,0	2030	
SPF 200	3"	14/203	2.400	1.413	1.030	224	139,7	1/4	10,8	3030	
SPF 240	3"	14/203	3.600	2.119	1.035	238	154	1/4	16,2	3050	

Remarks:

- Prices are for filter housings only.
- 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											
			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			borosil. micro fibres activated carbon	borosilicate micro fibres
Filter element type	Flow rate	Corresponding housing	Gross price			Gross price					Gross price
	Nm³/h		EUR			EUR					EUR
0310	75	SPF 005									
0410	105	SPF 007									
0420	150	SPF 010									
0520	225	SPF 018									
0525	315	SPF 030									
0725	420	SPF 047									
0730	600	SPF 070									
1030	900	SPF 094									
1530	1260	SPF 150									
2030	1680	SPF 175									
3030	2400	SPF 200									
3050	3600	SPF 240									

CONDENSATE DRAINS		
	1/8"	1/4"
	Drain valve	Drain valve
Gross Price [EUR]		

ACCESSORIES	
	MSS
Gross Price [EUR]	



STAINLESS STEEL AIR VENTING FILTERS

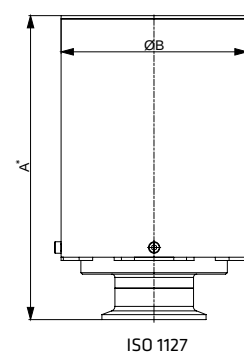
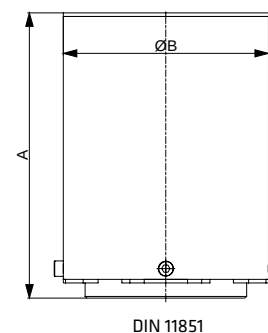


TECHNICAL DATA & PRICES										
Filter housing size	Connection DIN 11851	Gross Price for 1.4404 (for filter housing only) EUR	Connection ISO 1127*	Gross Price for 1.4404 (for filter housing only) EUR	Flow rate Nm ³ /h	Dimensions			Mass kg	Filter element type
	DN		DN (inch)			A mm	A* mm	ø B mm		
AV 006	32		DN40 (1 1/2)		9	110	126	88,9	1,6	AVF 0310
AV 027	40		DN40 (1 1/2)		25	160	179	114,3	2,4	AVF 0525
AV 032	50		DN50 (2)		40	165	181	114,3	2,5	AVF 0530
AV 072	50		DN50 (2)		110	290	308	114,3	3,4	AVF 1030
AV 144	80		DN80 (3)		210	550	568	168,3	9,5	AVF 2030
AV 192	80		DN80 (3)		310	820	812	168,3	12,0	AVF 3030

Remarks:

- Prices are for filter housings only.
- 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 there is no visual damage.

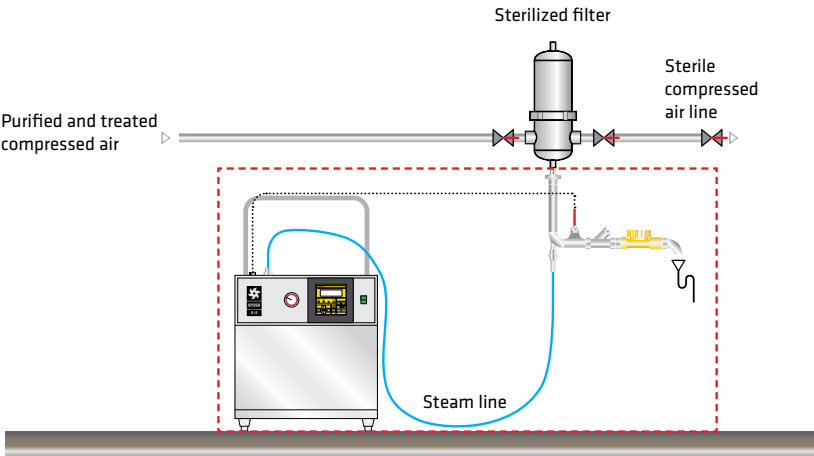
*TRI-CLAMP connection.

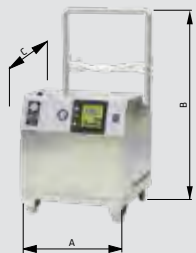


FILTER ELEMENTS			
			 AVF prefilter
Filter element type	Flow rate	Corresponding housing	Gross price
	Nm ³ /h		EUR
0310	9	AVF 0310	
0525	25	AVF 0525	
0530	40	AVF 0530	
1030	110	AVF 1030	
2030	210	AVF 2030	
3030	310	AVF 3030	

MSS

MOBILE STEAM STERILIZER

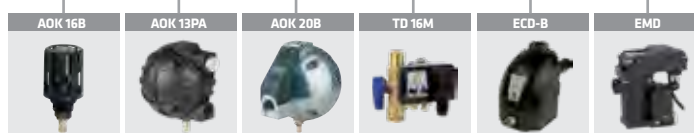
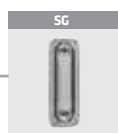


MOBILE STEAM STERILIZER											
Model	Power supply	Power consumption	Sterilization temperature	Sterilization time	Material drying time	Sound level dB(A)	Dimensions			CODE	Gross price
	ph/V/Hz	kW					A mm	B mm	C mm		EUR
MSS	1/110-230/50-60	1,7	Adjustable from 100 - 135 °C	Adjustable up to 90 min	Adjustable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

CKL-B

ALUMINIUM CONDENSATE SEPARATORS

operating pressure

16 bar

TECHNICAL DATA & PRICES

Filter housing size	Pipe size inch	Max.oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Temperature oper. range		Dimensions				Mass kg	Filter element type	Gross Price (for filter housing only) EUR	Gross Price (for filter housing with flange) EUR
			Nm ³ /h	SCFM	°C	°F	A mm	B mm	C mm	D mm				
CKL-B 005	3/8	16/232	60	35	1,5 - 65	35 - 149	192	88	25	60	0,6	06050		
CKL-B 007	1/2	16/232	78	46	1,5 - 65	35 - 149	192	88	25	60	0,6	07050		
CKL-B 010	3/4	16/232	120	70	1,5 - 65	35 - 149	264	88	25	80	0,7	14050		
CKL-B 018	1	16/232	198	116	1,5 - 65	35 - 149	264	125	39	100	1,9	12075		
CKL-B 047	1 1/2	16/232	510	300	1,5 - 65	35 - 149	464	125	39	140	1,9	32075		
CKL-B 094	2	16/232	1.000	588	1,5 - 65	35 - 149	694	163	50	520	5,7	51090		
CKL-B 150	2 1/2	16/232	1.500	882	1,5 - 65	35 - 149	694	163	50	520	7,6	76090		
CKL-B 200	3	16/232	2.160	1.270	1,5 - 65	35 - 149	801	242	60	630	14,1	51140		

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 filter housings only.

FILTER ELEMENTS



CKL-B
separator

Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price EUR
06050	60	CKL-B 005	
07050	78	CKL-B 007	
14050	120	CKL-B 010	
12075	198	CKL-B 018	
32075	510	CKL-B 047	
51090	1.000	CKL-B 094	
76090	1.500	CKL-B 150	
51140	2.160	CKL-B 200	

CONDENSATE DRAINS



AOK 16B



AOK 13PA



AOK 20B



TD 16M



ECD 15B



ECD 40B



ECD 90B



ECD 150B



EMD 12



EMD 25

Gross Price [EUR]



EMD 75



EMD 150



EMD 300

* You can find other variations of condensate drains from page 66 on.

ACCESSORIES

CKL 005 B - CKL 200 B



SG

Vent for AOK 20B



Nipple

Gross Price [EUR]

CKL-B HT

HIGH TEMPERATURE ALUMINIUM CONDENSATE SEPARATORS

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 Nm³/h SCFM		Temperature oper. range °C °F		Dimensions				Mass kg	Filter element type	Gross Price (for filter housing only) EUR
							A mm	B mm	C mm	D mm			
CKL-B HT 005	3/8	16/232	60	35	1,5 - 120	35 - 149	192	88	25	60	0,6	06050	
CKL-B HT 007	1/2	16/232	78	46	1,5 - 120	35 - 149	192	88	25	60	0,6	07050	
CKL-B HT 010	3/4	16/232	120	70	1,5 - 120	35 - 149	264	88	25	80	0,7	14050	
CKL-B HT 018	1	16/232	198	116	1,5 - 120	35 - 149	264	125	39	100	1,9	12075	
CKL-B HT 047	1 1/2	16/232	510	300	1,5 - 120	35 - 149	464	125	39	140	1,9	32075	
CKL-B HT 094	2	16/232	1.000	588	1,5 - 120	35 - 149	694	163	50	520	5,7	51090	
CKL-B HT 150	2 1/2	16/232	1.500	882	1,5 - 120	35 - 149	694	163	50	520	7,6	76090	
CKL-B HT 200	3	16/232	2.160	1.270	1,5 - 120	35 - 149	801	242	60	630	14,1	51140	

Remarks:

- 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.
- Filter elements "A, A², H²", must be changed periodically to suit application, 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			
		CKL-B HT separator sintered brass	
		sintered brass	
Filter element type	Flow rate	Corresponding housing	Gross price
	Nm ³ /h		EUR
06050	60	CKL-B HT 005	
07050	78	CKL-B HT 007	
14050	120	CKL-B HT 010	
12075	198	CKL-B HT 018	
32075	510	CKL-B HT 047	
51090	1.000	CKL-B HT 094	
76090	1.500	CKL-B HT 150	
51140	2.160	CKL-B HT 200	

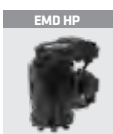
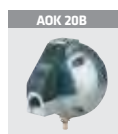
CONDENSATE DRAINS	
	AOK 20SS
Gross Price [EUR]	

ACCESSORIES	Vent for AOK 50SS 	AF 0056 to AF 0106 	AF 0186 to AF 0706 	AF 0056 to AF 0106 	AF 0056 to AF 0106 	AF 0186 to AF 0706 	AF 0186 to AF 0706 	AF 0056 to AF 0106 
	Nipple 50SS	WS	WM	2S	3S	2M	3M	AK-3/8", AK-1/2", AK-3/4"
Gross Price [EUR]								
	CKL 018 B HT to CKL 070 B HT 		CKL 094 B HT to CKL 200 B HT 					
	AK-1", AK-1 1/2"		AK-2", AK-2 1/2", AK-3"					

CKL-C

ALUMINIUM CONDENSATE SEPARATORS

operating pressure

20 bar


TECHNICAL DATA & PRICES

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)
					A	B	C	D			
	inch	bar/psi	Nm³/h	scfm	mm	mm	mm	mm	kg		EUR
CKL-C 20	3/8	20/290	72	42	187	88	20	80	0,7	CKL-C 20	
CKL-C 21	1/2	20/290	96	56	256	88	20	80	0,8	CKL-C 21	
CKL-C 30	1/2	20/290	150	88	278	106	25	100	1,3	CKL-C 30	
CKL-C 31	3/4	20/290	216	127	278	106	25	100	1,3	CKL-C 31	
CKL-C 40	1	20/290	282	166	252	125	32	120	2,1	CKL-C 40	
CKL-C 43	1 1/2	20/290	510	300	450	125	32	160	3,2	CKL-C 43	
CKL-C 50	2	20/290	888	522	605	160	43	180	5,1	CKL-C 50	
CKL-C 52	2 1/2	20/290	1.440	847	685	160	43	200	6,3	CKL-C 52	
CKL-C 61*	3	20/290	2.760	1624	800	240	60	300	12,9	CKL-C 61	

* Stainless steel cyclone element

Remark:

- Prices are for filter housings only.

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232	247	261	276	290
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	2,25	2,38	2,50	2,63

FILTER
ELEMENTS



CKL-C
separator

Filter element type	Flow rate	Corresponding housing	Gross price EUR
	Nm³/h		
CKL-C 20	72	CKL-C 20	
CKL-C 21	96	CKL-C 21	
CKL-C 30	150	CKL-C 30	
CKL-C 31	216	CKL-C 31	
CKL-C 40	282	CKL-C 40	
CKL-C 43	510	CKL-C 43	
CKL-C 50	888	CKL-C 50	
CKL-C 52	1.440	CKL-C 52	
CKL-C 61*	2.760	CKL-C 61	

* Stainless steel cyclone element

CONDENSATE
DRAINS



AOK 20B



TD 25M



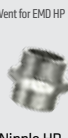
EMD HP

Gross Price [EUR]

ACCESSORIES



Nipple



Nipple HP

Gross Price [EUR]

CS/CS SS

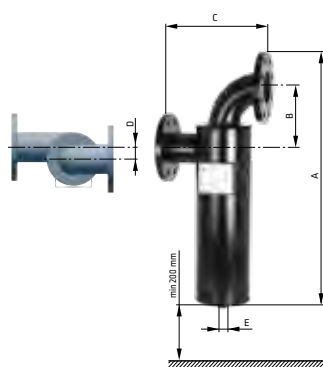
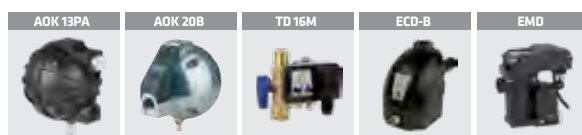
WELDED CONDENSATE SEPARATORS

operating pressure CS / CS SS

16/13 bar

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



TECHNICAL DATA & PRICES

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	Nm³/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		CS SS 14		65	16/232	13/189	840	495	1,5 - 65	35 - 149	613	153	302	45	1/2	21
CS 28		CS SS 28		80	16/232	13/189	1.710	1.005	1,5 - 65	35 - 149	745	182	302	35	1/2	26
CS 62		CS SS 62		125	16/232	13/189	3.720	2.190	1,5 - 65	35 - 149	1.041	280	390	37	1/2	56
CS 88		CS SS 88		150	16/232	13/189	5.280	3.110	1,5 - 65	35 - 149	1.298	330	489	50	1/2	94
CS 124		CS SS 124		200	16/232	13/189	7.440	4.380	1,5 - 65	35 - 149	1.506	436	619	52	1/2	147
CS 238		CS SS 238		300	16/232	13/189	14.280	8.404	1,5 - 65	35 - 149	1.673	504	805	91	1/2	290

Remark:

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

CONDENSATE DRAINS										
Gross Price [EUR]	AOK 13PA	AOK 20B	TD 16M	TD 16Mcr	ECD 15B	ECD 40B	ECD 90B	ECD 150B	EMD 12	EMD 25

EMD 75	EMD 150	EMD 300	AOK 20SS

* You can find other variations of condensate drains from page 66 on.

ACCESSORIES			
Gross Price [EUR]	1/2"	Vent for AOK 20B	Vent for AOK 50SS
	Nipple M	Nipple	Nipple 50SS

SFH/SFH SS

WELDED CONDENSATE SEPARATORS

operating pressure SFH / SFH SS

16/13 bar

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



TECHNICAL DATA & PRICES

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
					SFH bar/psi	SFH SS bar/psi	Nm³/h	SCFM	°C	°F	A mm	B mm	C mm	D mm	E "	
carbon steel	EUR	stainless steel	EUR	DN												kg
SFH 029		SFH SS 029		80	16/232	13/189	1.760	1.024	1,5 - 65	35 - 149	720	400	165	219	1/2	33
SFH 037		SFH SS 037		100	16/232	13/189	2.200	1.307	1,5 - 65	35 - 149	890	460	236	244	1/2	45
SFH 066		SFH SS 066		125	16/232	13/189	3.940	2.331	1,5 - 65	35 - 149	980	550	250	273	1	58
SFH 088		SFH SS 088		150	16/232	13/189	5.300	3.108	1,5 - 65	35 - 149	1040	570	250	300	1	81
SFH 097		SFH SS 097		200	16/232	13/189	5.820	3.426	1,5 - 65	35 - 149	1110	690	265	350	1	107
SFH 142		SFH SS 142		250	16/232	13/189	8.520	5.015	1,5 - 65	35 - 149	1330	800	360	480	1	207
SFH 180		SFH SS 180		300	16/232	13/189	10.770	6.357	1,5 - 65	35 - 149	1470	820	408	550	1	280
SFH 209		SFH SS 209		350	16/232	13/189	12.550	7.381	1,5 - 65	35 - 149	1670	920	471	622	1	379

Remark:

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

CONDENSATE DRAINS										
Gross Price [EUR]										

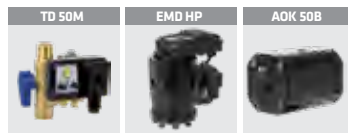
* You can find other variations of condensate drains from page 66 on.

ACCESSORIES				
	Nipple M	Nipple L	Nipple	Nipple 50SS
Gross Price [EUR]				

SFH HP

WELDED HIGH PRESSURE CONDENSATE SEPARATORS

operating pressure

50 bar**SFH HP**

TECHNICAL DATA & PRICES

Filter model	Pipe size	Max.oper. pressure	Flow rate at 7 bar(g), 20 °C		Temperature oper. range		Dimensions					Mass	Gross Price 25 bar	Gross Price 50 bar
	DN	bar/psi	Nm³/h	SCFM	°C	°F	A mm	B mm	C mm	D mm	E "	kg	EUR	EUR
SFH HP 029	80	50/725	1.760	1.024	1,5 - 65	35 - 149	720	400	165	219	1/2	41		
SFH HP 037	100	50/725	2.200	1.307	1,5 - 65	35 - 149	890	460	236	244	1/2	52		
SFH HP 066	125	50/725	3.940	2.331	1,5 - 65	35 - 149	980	550	250	273	1	66		
SFH HP 088	150	50/725	5.300	3.108	1,5 - 65	35 - 149	1.040	570	250	300	1	92		
SFH HP 097	200	50/725	5.820	3.426	1,5 - 65	35 - 149	1.110	690	265	350	1	113		
SFH HP 142	250	50/725	8.520	5.015	1,5 - 65	35 - 149	1.330	800	360	480	1	234		
SFH HP 180	300	50/725	10.770	6.357	1,5 - 65	35 - 149	1.470	820	408	550	1	300		
SFH HP 209	350	50/725	12.550	7.381	1,5 - 65	35 - 149	1.670	920	471	622	1	440		



CONDENSATE DRAIN



TD 50M



EMD HP



AOK 50B

Gross Price [EUR]

ACCESSORIES



Nipple HP



Nipple

Gross Price [EUR]

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



CKL-HF

ALUMINIUM CONDENSATE SEPARATORS

operating pressure

50 bar


TECHNICAL DATA & PRICES

Filter housing size	Pipe size	Max.oper. pressure	Flow rate at 7 bar(g), 20 °C		Temperature oper. range		Dimensions				Mass	Filter element type	Gross Price (for filter housing only)
							A	B	C	D			
	inch	bar/psi	Nm³/h	SCFM	°C	°F	mm	mm	mm	mm	kg		EUR
CKL-HF 007	1/2	50/725	71	42	1,5 - 65	35 - 149	250	110	30	80	2,1	6060	
CKL-HF 010	3/4	50/725	112	66	1,5 - 65	35 - 149	250	110	30	90	2,1	7060	
CKL-HF 018	1	50/725	204	120	1,5 - 65	35 - 149	250	110	30	140	2,1	12060	
CKL-HF 047	1 1/2	50/725	282	166	1,5 - 65	35 - 149	535	160	45	260	9,5	22090	
CKL-HF 070	1 1/2	50/725	400	235	1,5 - 65	35 - 149	535	160	45	360	9,5	32090	
CKL-HF 094	2	50/725	494	291	1,5 - 65	35 - 149	715	160	45	540	12,2	50090	
CKL-HF 150	2	50/725	799	470	1,5 - 65	35 - 149	715	160	45	550	12,2	51090	
CKL-HF 200	3	50/725	2160	1270	1,5 - 65	35 - 149	772	198	70	620	30,4	51140	
CKL-HF 240	3	50/725	2760	1620	1,5 - 65	35 - 149	1.010	198	70	780	34,9	75140	

Remark:

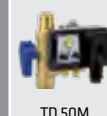
- Prices are for filter housings only.

FILTER ELEMENTS


CKL-HF
separator

Filter element type	Flow rate	Corresponding housing	Gross price
	Nm³/h		EUR
6060	71	CKL-HF 007	
7060	112	CKL-HF 010	
12060	204	CKL-HF 018	
22090	282	CKL-HF 047	
32090	400	CKL-HF 070	
50090	494	CKL-HF 094	
51090	799	CKL-HF 150	
51140	2160	CKL-HF 200	
75140	2760	CKL-HF 240	

CONDENSATE DRAIN



TD 50M



EMD HP



AOK 50B

Gross Price [EUR]

ACCESSORIES



Nipple HP



Nipple 50SS

Vent for AOK 50B

Gross Price [EUR]

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

CKL-CHP

CARBON STEEL HIGH PRESSURE CONDENSATE SEPARATORS

operating pressure

100 / 250 / 420 bar



TECHNICAL DATA & PRICES

Filter housing size	Pipe size inch	Max. oper. pressure bar	Flow rate at 7 bar(g), 20 °C		Temperature oper. range		Dimensions			Mass kg	Filter element type	Gross Price (for filter housing only)		
							A	B	C			EUR		
			Nm³/h	scfm	°C	°F	mm	mm	mm			100 bar	250 bar	420 bar
CKL-CHP 003	1/4	100/250/420	40	23,5	1,5 - 65	35 - 149	182	98	104	7,6	0305			
CKL-CHP 005	3/8	100/250/420	70	41,2	1,5 - 65	35 - 149	182	98	104	7,6	0310			
CKL-CHP 007	1/2	100/250/420	130	76,5	1,5 - 65	35 - 149	230	118	129	15,3	0420			
CKL-CHP 010	3/4	100/250/420	195	115	1,5 - 65	35 - 149	254	118	129	16,1	0520			
CKL-CHP 018	1	100/250/420	275	162	1,5 - 65	35 - 149	276	145	158	26,5	0525			
CKL-CHP 030	1 1/4	100/250/420	380	223	1,5 - 65	35 - 149	328	145	158	28,6	0725			
CKL-CHP 047	1 1/2	100/250/420	495	291	1,5 - 65	35 - 149	385	195	216	65,9	0730			
CKL-CHP 094	2	100/250/420	715	421	1,5 - 65	35 - 149	460	195	216	71,4	1030			

Remark:

- Prices are for filter housings only.
- Used material is 1.4301 (on request possible 1.4404).

FILTER ELEMENTS


CKL-CHP
separator

Filter element type	Flow rate	Corresponding housing	Gross price EUR
	Nm³/h		
0305	40	CKL-CHP 003	
0310	70	CKL-CHP 005	
0420	130	CKL-CHP 007	
0520	195	CKL-CHP 010	
0525	275	CKL-CHP 018	
0725	380	CKL-CHP 030	
0730	495	CKL-CHP 047	
1030	715	CKL-CHP 094	

CONDENSATE DRAIN



TD 150M*



TD 420M 230V

Gross Price [EUR]

*Remark: Without strainer.

ACCESSORIES



WB CHP/IHP S



WB CHP/IHP M



WB CHP/IHP L



WB CHP/IHP XL

Gross Price [EUR]

CORRECTION FACTORS

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

CKL-IHP

STAINLESS STEEL HIGH PRESSURE CONDENSATE SEPARATORS

operating pressure

100 / 250 / 420 bar



TECHNICAL DATA & PRICES

Filter housing size	Pipe size	Max. oper. pressure		Flow rate at 7 bar(g), 20 °C		Temperature oper. range		Dimensions			Mass	Gross Price for 1.4301 (for filter housing only)		
	inch	bar	psi	Nm³/h	scfm	°C	°F	A mm	B mm	C mm		EUR 100 bar	EUR 250 bar	EUR 420 bar
CKL-IHP 003	1/4	100/250/420	1450/3626/6091	40	23,5	1,5 - 65	35 - 149	182	98	104	7,9			
CKL-IHP 005	3/8	100/250/420	1450/3626/6091	70	41,2	1,5 - 65	35 - 149	182	98	104	7,9			
CKL-IHP 007	1/2	100/250/420	1450/3626/6091	130	76,5	1,5 - 65	35 - 149	230	118	129	15,7			
CKL-IHP 010	3/4	100/250/420	1450/3626/6091	195	115	1,5 - 65	35 - 149	254	118	129	16,6			
CKL-IHP 018	1	100/250/420	1450/3626/6091	275	162	1,5 - 65	35 - 149	276	145	158	27,3			
CKL-IHP 030	1 1/4	100/250/420	1450/3626/6091	380	223	1,5 - 65	35 - 149	328	145	158	29,6			
CKL-IHP 047	1 1/2	100/250/420	1450/3626/6091	495	291	1,5 - 65	35 - 149	385	195	216	67,8			
CKL-IHP 094	2	100/250/420	1450/3626/6091	715	421	1,5 - 65	35 - 149	460	195	216	73,5			

Remark:

- Prices are for filter housings only.
- Used material is 1.4301 (on request possible 1.4404).
- 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.
- N 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 "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	1.450	3.625	6.091
Correction factor	1	3	5	8	12	12	12

FILTER ELEMENTS			
			CKL-CHP separator
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price EUR
0305	40	IHP 003	
0310	70	IHP 005	
0420	130	IHP 007	
0520	195	IHP 010	
0525	275	IHP 018	
0725	380	IHP 030	
030	495	IHP 047	
1030	715	IHP 094	

CONDENSATE DRAIN	 1/4" TD 420M 230V
Gross Price [EUR]	

* You can find other variations of condensate drains from page 66 on.

ACCESSORIES	 CKL-IHP 003-005 WB CHP/IHP S	 CKL-IHP 007-010 WB CHP/IHP M	 CKL-IHP 018-030 WB CHP/IHP L	 CKL-IHP 047-094 WB CHP/IHP XL
Gross Price [EUR]				

INDICATORS

DIFFERENTIAL PRESSURE INDICATOR	PDI 16	MDM 40	MDM 40C	MDM 60	MDM 60C
	16 bar	20 bar	16 bar	16 bar	16 bar
					
	Code: 3500666 Gross Price: EUR	Code: 10005752 Gross Price: EUR	Code: 3505753 Gross Price: EUR	Code: 3500713 Gross Price: EUR	Code: 3500931 Gross Price: EUR
	MDM 60E	MDA 60	VPG 60	VPG 60C	VPG 60E
	16 bar	20 bar	20 - 2.000 mbar	20 - 2.000 mbar	20 - 2.000 mbar
					
	Code: 3500714 Gross Price: EUR	Code: 3500001 Gross Price: EUR	Code: 3510050 Gross Price: EUR	Code: 3510051 Gross Price: EUR	Code: 3510052 Gross Price: EUR
ELECTRONIC PRESSURE GAUGE	EPG 60	EPG 60SN	EPG 60AO		
	16 bar	16 bar	16 bar		
					
	Code: 3505545 Gross Price: EUR	Code: 3505546 Gross Price: EUR	Code: 3508932 Gross Price: EUR		
DIFFERENTIAL HIGH PRES- SURE INDICATOR	MDH 200	MDH 200C	MDH 420	MDH 420C	
	200 bar	200 bar	420 bar	420 bar	
					
	Code: 3508893 Gross Price: EUR	Code: 3508894 Gross Price: EUR	Code: 3508895 Gross Price: EUR	Code: 3508896 Gross Price: EUR	
DIFFERENTIAL HIGH PRES- SURE STAINLESS STEEL INDICATOR	MDHI 50	MDHI 50 KIT			
	50 bar	50 bar			
					
	Code: 3506164 Gross Price: EUR	Code: / Gross Price: EUR			

OIL CONTENT
INDICATOR

OCI

0,68 - 16 bar



Code: 2300190 Gross Price: EUR

OCI
service kit



Code: 3400855 Gross Price: EUR

HUMIDITY INDICATOR

CHI

20 bar



Code: 3511729 Gross Price: EUR

CONDENSATE DRAINS

ELECTRONIC CONDENSATE DRAIN	EMD 12 230 V/115 V 16 bar  Code: 3400860 230 V: 3400860 115 V: 3400858 Gross Price: EUR	EMD 12A 230 V/115 V 16 bar  Code: 3400870 230 V: 3400870 115 V: 3400872 Gross Price: EUR	EMD 12C 230 V/115 V 16 bar  Code: 3400861 230 V: 3400861 115 V: 3400859 Gross Price: EUR	EMD 12 24 Vac 16 bar  Code: 3401147 Gross Price: EUR	EMD 12A 24 Vac 16 bar  Code: 3401148 Gross Price: EUR
	EMD 12A 24 Vdc 16 bar  Code: 3401145 Gross Price: EUR	EMD 25 230 V/115 V 16 bar  Code: 3401624 230 V: 3401624 115 V: 3401627 Gross Price: EUR	EMD 25A 230 V/115 V 16 bar  Code: 3401625 230 V: 3401625 115 V: 3401628 Gross Price: EUR	EMD 25C 230 V/115 V 16 bar  Code: 3401626 230 V: 3401626 115 V: 3401629 Gross Price: EUR	EMD 25 24 Vac 16 bar  Code: 3401636 Gross Price: EUR
	EMD 25A 24 Vac 16 bar  Code: 3401637 Gross Price: EUR	EMD 25 24 Vdc 16 bar  Code: 3401638 Gross Price: EUR	EMD 75 230 V/115 V 16 bar  Code: 3401630 230 V: 3401630 115 V: 3401633 Gross Price: EUR	EMD 75A 230 V/115 V 16 bar  Code: 3401631 230 V: 3401631 115 V: 3401634 Gross Price: EUR	EMD 75C 230 V/115 V 16 bar  Code: 3401632 230 V: 3401632 115 V: 3401635 Gross Price: EUR
	EMD 75 24 Vac 16 bar  Code: 3401639 Gross Price: EUR	EMD 75A 24 Vac 16 bar  Code: 3401640 Gross Price: EUR	EMD 75 24 Vdc 16 bar  Code: 3401641 Gross Price: EUR	EMD 12 + 3 m kabel + plug 230 V/115 V 16 bar  Code: 3401460 Gross Price: EUR	EMD 12A + 3 m kabel + plug 230 V/115 V 16 bar  Code: 3401480 Gross Price: EUR
	EMD 12C + 3 m kabel + plug 230 V/115 V 16 bar  Code: 3402901 Gross Price: EUR	EMD 25 + 3 m kabel + plug 230 V/115 V 16 bar  Code: 3403350 Gross Price: EUR	EMD 25A + 3 m kabel + plug 230 V/115 V 16 bar  Code: 3403351 Gross Price: EUR	EMD 25C + 3 m kabel + plug 230 V/115 V 16 bar  Code: 3403352 Gross Price: EUR	EMD 75 + 3 m kabel + plug 230 V/115 V 16 bar  Code: 3403353 Gross Price: EUR

EMD 75A + 3 m kabel + plug	EMD 75C + 3 m kabel + plug	EMD 150	EMD 150A	EMD 150C
230 V/115 V 16 bar	230 V/115 V 16 bar	230 V/115 V 16 bar	230 V/115 V 16 bar	230 V/115 V 16 bar
				
Code: 3403354 Gross Price: EUR	Code: 3403355 Gross Price: EUR	Code: 230 V: 3403020 115 V: 3403023 Gross Price: EUR	Code: 230 V: 3403021 115 V: 3403024 Gross Price: EUR	Code: 230 V: 3403022 115 V: 3403025 Gross Price: EUR
EMD 150	EMD 150A	EMD 150	EMD 300	EMD 300A
24 Vac 16 bar	24 Vac 16 bar	24 Vdc 16 bar	230 V/115 V 16 bar	230 V/115 V 16 bar
				
Code: 3403026 Gross Price: EUR	Code: 3403027 Gross Price: EUR	Code: 3403028 Gross Price: EUR	Code: 230 V: 3403029 115 V: 3403032 Gross Price: EUR	Code: 230 V: 3403030 115 V: 3403033 Gross Price: EUR
EMD 300C	EMD 300	EMD 300A	EMD 300	EMD 12 service kit
230 V/115 V 16 bar	24 Vac 16 bar	24 Vac 16 bar	24 Vdc 16 bar	230 V/115 V
				
Code: 230 V: 3403031 115 V: 3403034 Gross Price: EUR	Code: 3403035 Gross Price: EUR	Code: 230 V: 3403036 Gross Price: EUR	Code: 3403037 Gross Price: EUR	Code: 230 V: 3400856 115 V: 3400857 Gross Price: EUR
EMD 25 service kit	EMD 75 service kit	EMD 150 service kit	EMD 300 service kit	ECD 15B
230 V/115 V	230 V/115 V	230 V/115 V	230 V/115 V	230 V/115 V 16 bar
				
Code: 230 V: 3401642 115 V: 3401643 Gross Price: EUR	Code: 230 V: 3401642 115 V: 3401643 Gross Price: EUR	Code: 230 V: 3401642 115 V: 3401643 Gross Price: EUR	Code: 230 V: 3401642 115 V: 3401643 Gross Price: EUR	Code: 230 V: 3400291 115 V: 3400295 Gross Price: EUR
ECD 40B	ECD 90B	ECD 150B	ECD 15B, 40B service kit 1	ECD 90B service kit 1
230 V/115 V 16 bar	230 V/115 V 16 bar	230 V/115 V 16 bar		
				
Code: 230 V: 3400292 115 V: 3400296 Gross Price: EUR	Code: 230 V: 3400293 115 V: 3400297 Gross Price: EUR	Code: 230 V: 3400294 115 V: 3400298 Gross Price: EUR	Code: 3400330 Gross Price: EUR	Code: 3400331 Gross Price: EUR

	ECD 150B service kit 1	ECD 15B, 40B service kit 2	ECD 90B service kit 2	ECD 150B service kit 2	IED 230 V/115 V 16 bar
					
	Code: 3400332 Gross Price: EUR	Code: 3400664 Gross Price: EUR	Code: 3400665 Gross Price: EUR	Code: 3400666 Gross Price: EUR	Code: 3401622 Gross Price: EUR 230 V: 3401623 115 V: 3401623
	IED C 230 V/115 V 16 bar	IED service kit 230 V/115 V	TD 16M 230 V/115 V 16 bar	TD 25M 230 V/115 V 25 bar	TD 16Mcr 230 V/115 V 16 bar
AUTOMATIC CONDENSATE DRAIN					
	Code: 340 Gross Price: EUR 230 V: 340 115 V: 340	Code: 3402828 Gross Price: EUR	Code: 3400395 Gross Price: EUR 230 V: 3400394 115 V: 3400394	Code: 3400480 Gross Price: EUR 230 V: 3400479 115 V: 3400479	Code: 3400484 Gross Price: EUR 230 V: 3400483 115 V: 3400483
	AOK 13PA 13 bar	AOK 16B 16 bar	AOK 16C 16 bar	AOK 16F 16 bar	AOK 20B 20 bar
					
	Code: 3403016 Gross Price: EUR	Code: 3400014 Gross Price: EUR	Code: 3403017 Gross Price: EUR	Code: 125055005 Gross Price: EUR	Code: 3400058 Gross Price: EUR
	AOK 20B + nipple 20 bar	AOK 20SS 20 bar			
					
	Code: 3400140 Gross Price: EUR	Code: 3401673 Gross Price: EUR			
MANUAL CONDENSATE DRAIN	MCD-B 16 bar	MCD 20 bar	MCDI 20 bar		
					
	Code: 3400709 Gross Price: EUR	Code: 3503665 Gross Price: EUR	Code: 3401741 Gross Price: EUR Stainless steel 1.4404		

HIGH PRESSURE
CONDENSATE DRAIN**TD 50M**
timer controlled230 V/115 V **50 bar**Code:
230 V: **3400958**
115 V: **3400957** Gross Price:
EUR**TD 150M**230 V/115 V **150 bar**Code:
230 V: **3400482**
115 V: **3400481** Gross Price:
EUR**TD 420M**230 V/115 V **420 bar**Code:
230 V: **3402211**
115 V: **3400959** Gross Price:
EUR**TD 420M**24 Vdc **420 bar**Code:
230 V: **3402212**
115 V: **3400959** Gross Price:
EUR**EMD HP**230 V/115 V **50 bar**Code:
230 V: **3401432**
115 V: **3401433** Gross Price:
EUR**EMD HP A**230 V/115 V **50 bar**Code:
230 V: **3401434**
115 V: **3401435** Gross Price:
EUR**EMD HP C**230 V/115 V **50 bar**Code:
230 V: **3401436**
115 V: **3401437** Gross Price:
EUR**EMD HP**24 Vac **50 bar**Code:
3401438 Gross Price:
EUR**EMD HP A**24 Vac **50 bar**Code:
3401439 Gross Price:
EUR**EMD HP A**24 Vdc **50 bar**Code:
3401440 Gross Price:
EUR**EMD HP**
service kit

230 V/115 V

Code:
230 V: **3401646**
115 V: **3401647** Gross Price:
EUR**AOK 50B****50 bar**Code:
3401619 Gross Price:
EUR**AOK 50SS****50 bar**Stainless steel 1.4404
Code:
3401620 Gross Price:
EUR

VALVES

BALL VALVE**16 bar**Code:
2800370 Gross Price:
EUR**DRAIN VALVE****1/8" 64 bar**Code:
2803500 Gross Price:
EUR**DRAIN VALVE****1/4" 64 bar**Code:
2803501 Gross Price:
EUR**DRAIN VALVE****1/2" 64 bar**Code:
2803708 Gross Price:
EUR**DRAIN VALVE****1" 64 bar**Code:
2803502 Gross Price:
EUR**DRAIN VALVE****1/2" 420 bar**Code:
2803505 Gross Price:
EUR**DRAIN VALVE****1/4" 420 bar**Code:
2805238 Gross Price:
EUR

VACUUM DRAIN

EVD

20 - 2.000 mbar



Code:
2800370

Gross Price:
EUR



ACCESSORIES

ASSEMBLY KITS FOR FILTERS

AK AF 2S

For sizes
AF 0056 - AF 0106



Code: 3503867 Gross Price: EUR

AK AF 3S

For sizes
AF 0056 - AF 0106



Code: 3503868 Gross Price: EUR

AK AF 2M

For sizes
AF 0186 - AF 0706



Code: 3500413 Gross Price: EUR

AK AF 3M

For sizes
AF 0186 - AF 0706



Code: 3500414 Gross Price: EUR

WB AF S

For sizes
AF 0056 - AF 0106



Code: 3500415 Gross Price: EUR

WB AF M

For sizes
AF 0186 - AF 0706



Code: 3500416 Gross Price: EUR

AK 3/8"

For sizes
AF 0056 - AF 0106, CF 10 - CF 31



Code: 3700504 Gross Price: EUR

AK 1/2"

For sizes
AF 0056 - AF 0106, CF 10 - CF 31



Code: 3700436 Gross Price: EUR

AK 3/4"

For sizes
AF 0056 - AF 0106, CF 10 - CF 31



Code: 3700468 Gross Price: EUR

AK 1"

For sizes
AF 0186 - AF 0706, CF 40 - CF 44



Code: 3700506 Gross Price: EUR

AK 1 1/2"

For sizes
AF 0186 - AF 0706, CF 40 - CF 44



Code: 3700507 Gross Price: EUR

AK 2"

For sizes
AF 0946 - AF 2406, CF 50 - CF 60



Code: 3701049 Gross Price: EUR

AK 2 1/2"

For sizes
AF 0946 - AF 2406, CF 50 - CF 60



Code: 3701047 Gross Price: EUR

AK 3"

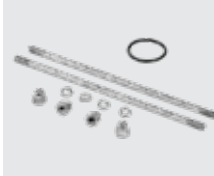
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Code: 3701044 Gross Price: EUR

AK AAF 2S

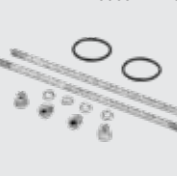
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Code: 3402374 Gross Price: EUR

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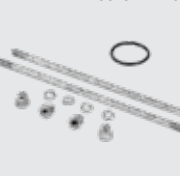
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AK AAF 2M

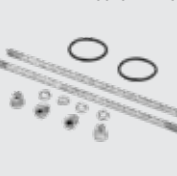
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Code: 3402376 Gross Price: EUR

AK AAF 3M

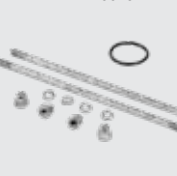
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AAF 0026 - AAF 0036



Code: 3402377 Gross Price: EUR

AK AAF 2L

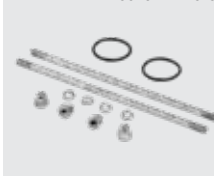
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AAF 0046 - AAF 0106



Code: 3402378 Gross Price: EUR

AK AAF 3L

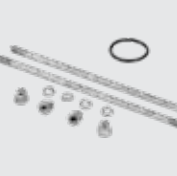
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AAF 0046 - AAF 0106



Code: 3402379 Gross Price: EUR

AK AAF 2XL

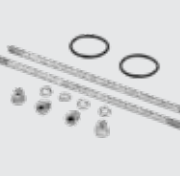
For sizes
AAF 0186 - AAF 0706



Code: 3402380 Gross Price: EUR

AK AAF 3XL

For sizes
AAF 0186 - AAF 0706



Code: 3402381 Gross Price: EUR

WK AAF 1S

For sizes
AAF 0006 - AAF 0016



Code: 3402179 Gross Price: EUR

WK AAF 2S

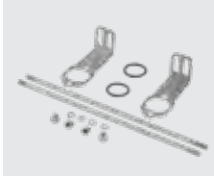
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AAF 0006 - AAF 0016



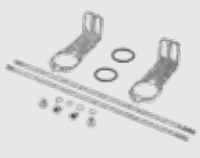
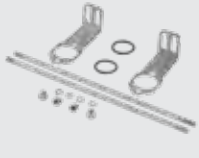
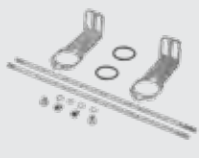
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WK AAF 3S

For sizes
AAF 0006 - AAF 0016



Code: 3402181 Gross Price: EUR

OTHER ACCESSORIES	WK AAF 1M For sizes AAF 0026 - AAF 0036  Code: 3402182 Gross Price: EUR	WK AAF 2M For sizes AAF 0026 - AAF 0036  Code: 3402183 Gross Price: EUR	WK AAF 3M For sizes AAF 0026 - AAF 0036  Code: 3402184 Gross Price: EUR	WK AAF 1L For sizes AAF 0046 - AAF 0106  Code: 3402185 Gross Price: EUR	WK AAF 2L For sizes AAF 0046 - AAF 0106  Code: 3402186 Gross Price: EUR
	WK AAF 3L For sizes AAF 0046 - AAF 0106  Code: 3402187 Gross Price: EUR	WK AAF 1XL For sizes AAF 0186 - AAF 0706  Code: 3402353 Gross Price: EUR	WK AAF 2XL For sizes AAF 0186 - AAF 0706  Code: 3402354 Gross Price: EUR	WK AAF 3XL For sizes AAF 0186 - AAF 0706  Code: 3402355 Gross Price: EUR	
	SG - Sight glass For sizes 0056 to 2406  Code: 3500409 Gross Price: EUR	NIPPLE For AOK 20B 20 bar  Code: 3402596 Gross Price: EUR	NIPPLE 50SS For AOK 50SS 50 bar  Code: 3401672 Gross Price: EUR	NIPPLE HP For EMD HP & AOK 50B 50 bar  Code: 2803044 Gross Price: EUR	NIPPLE S 16 bar  Code: 2801254 Gross Price: EUR
	NIPPLE M 16 bar  Code: 2802840 Gross Price: EUR	NIPPLE L 16 bar  Code: 2803486 Gross Price: EUR	ECDH Heater for ECD  Code: 2101323 Gross Price: EUR	Service network For A-DRY, EPG 60SN, EMD 12C  Code: 3400678 Gross Price: EUR	WQTK For W05m, W05  Code: 3400424 Gross Price: EUR

EXHAUST
SILENCER

MODEL	Connection size "	CODE	Gross Price EUR
ES 06050	1/4	10006801	
ES 14050	3/8	10006802	
ES 12075	1/2	10006803	
ES 22075	3/4	10006804	
ES 22090	1	10006805	
ES 32090	1 1/4	10006806	
ES 32140	1 1/2	10006807	
ES 45140	2	10006808	

EXHAUST SILENCER
WITH EXTERNAL THREAD

MODEL	Connection size "	CODE	Gross Price EUR
ESE 06050	1/4	3507221	
ESE 14050	3/8	3507222	
ESE 12075	1/2	3507223	
ESE 22075	3/4	3507224	
ESE 22090	1	3507225	
ESE 32090	1 1/4	3507226	
ESE 32140	1 1/2	3507227	
ESE 45140	2	3507228	

EXHAUST SILENCER
WITH VALVE

MODEL	Connection size "	CODE	Gross Price EUR
ES B 06050B PAK	1/4	10008855	
ES B 14050B PAK	3/8	10008856	
ES B 12075B PAK	1/2	10008857	
ES B 22075B PAK	3/4	10008858	
ES B 22090B PAK	1	10008859	
ES B 32090B PAK	1 1/4	10008860	
ES B 32140B PAK	1 1/2	10008861	
ES B 45140B PAK	2	10008862	

EXHAUST SILENCER
WITH EXTERNAL THREAD
AND VALVE

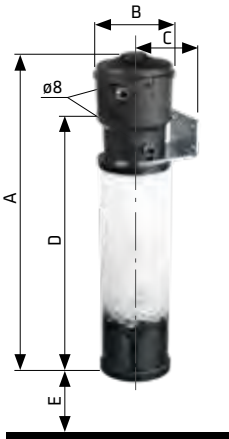
MODEL	Connection size "	CODE	Gross Price EUR
ES BE 06050B PAK	1/4	10008871	
ES BE 14050B PAK	3/8	10008872	
ES BE 12075B PAK	1/2	10008873	
ES BE 22075B PAK	3/4	10008874	
ES BE 22090B PAK	1	10008875	
ES BE 32090B PAK	1 1/4	10008876	
ES BE 32140B PAK	1 1/2	10008877	
ES BE 45140B PAK	2	10008878	

EXHAUST SILENCER
SERVICE KIT

MODEL	CODE	Gross Price EUR
ES 06050	3506834	
ES 14050	3506835	
ES 12075	3506836	
ES 22075	3506837	
ES 22090	3506838	
ES 32090	3506839	
ES 32140	3506840	
ES 45140	3506841	

WOSm

WATER-OIL SEPARATORS



TECHNICAL DATA & PRICES									
WOSm MODEL	Flow rate 15 °C 60 %RH / 25 °C 60 %RH / 40 °C 100 %RH Nm³/h	Dimensions					Mass kg	Filter element type	Gross price EUR
		A mm	B mm	C mm	D mm	E mm			
WOSm 1	1,23 / 1,08 / 0,62	483	106	80	335	50	1,21	WOS-m1	
WOSm 2	2,54 / 2,23 / 1,28	816	106	80	670	50	1,75	WOS-m2	

Remarks:

- Prices are for complete assembly,
- quality test kit is not included.

SEPARATOR ELEMENTS



WOSm

Filter element type	Flow rate 15 °C 60%RH / 25 °C 60%RH / 40 °C 100%RH Nm³/min	Corresponding housing	Gross price
			EUR
WOS-m1	1,23 / 1,08 / 0,62	WOSm 1	
WOS-m2	2,54 / 2,23 / 1,28	WOSm 2	

WATER QUALITY TEST KIT

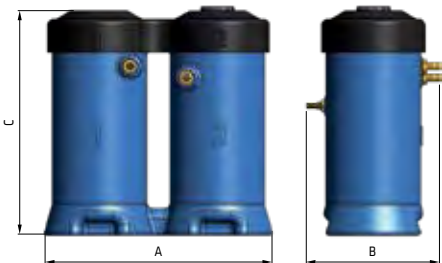


WQTK

Gross Price [EUR]

WOS

WATER-OIL SEPARATORS



TECHNICAL DATA & PRICES							
WOS MODEL	Flow rate	Dimensions			Mass	Filter element type	Gross Price (for housing only) EUR
	15 °C 60%RH / 25 °C 60%RH / 40 °C 100%RH Nm³/min	A mm	B mm	C mm			
WOS-4	4,82 / 4,04 / 2,05	416	243	411	2,77	PP, AK, WOS 4	
WOS-8	10,0 / 8,4 / 4,25	730	343	680	11,77	PP, AK, WOS 8	
WOS-20	24,4 / 20,5 / 10,37	820	366	940	16,23	PP, AK, WOS 20	
WOS-35	42,3 / 35,5 / 17,99	960	386	1137	21,54	PP, AK, WOS 35	

Remarks:
- Prices are for housings only (with water quality test kit).

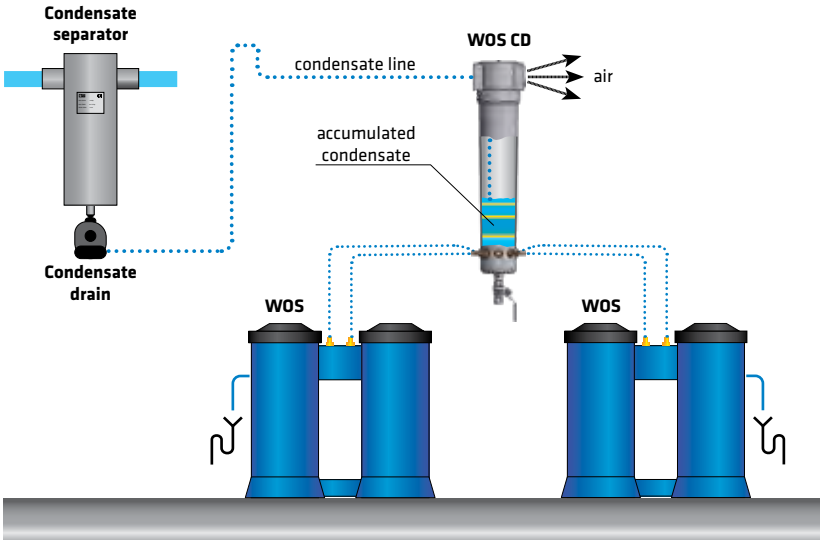
SEPARATOR ELEMENTS			
		PP	AK
Filter element type	Corresponding housing	Gross Price EUR	Gross Price EUR
WOS 4	WOS-4		
WOS 8	WOS-8		
WOS 20	WOS-20		
WOS 35	WOS-35		

Remarks:
- Both elements are required.

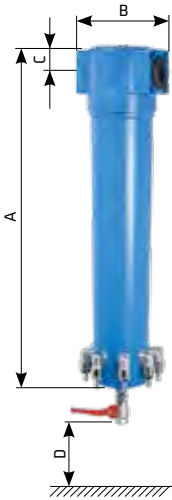
WATER QUALITY TEST KIT	
Gross Price [EUR]	WQTK

WOS CD

CONDENSATE DISTRIBUTOR



TECHNICAL DATA & PRICES									
WOS CD 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	
WOS CD 4	1 1/2	4	461	125	32	140	2,8	3	
WOS CD 8	2	8	684	163	43	140	6,0	6	
WOS CD 12	3	12	795	240	59	140	20,0	12,9	

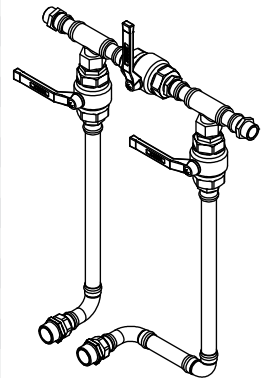


RDP**REFRIGERATION COMPRESSED AIR DRYERS**

operating pressure

up to **14** bar**TECHNICAL DATA & PRICES**

Model	Air flow		Power supply	Dimensions			Air connections	Condensate drain	Refrigerant	CODE	Gross price	BYPASS CODE	Bypass Gross price
	Nm³/h	scfm		W	L	H					EUR		EUR
RDP 20	20	11,76	1/230/50	358	455	604	G 3/8" BSP-F	EMD	R 134a	2057023		2001184	
RDP 35	35	20,59	1/230/50	358	455	604	G 3/8" BSP-F	EMD	R 134a	2057024		2001184	
RDP 50	50	29,41	1/230/50	358	455	604	G 3/4" BSP-F	EMD	R 134a	2057025		2001185	
RDP 75	75	44,12	1/230/50	358	455	604	G 3/4" BSP-F	EMD	R 134a	2057026		2001185	
RDP 100	100	58,82	1/230/50	358	455	604	G 3/4" BSP-F	EMD	R 134a	2057027		2001185	
RDP 140	140	82,35	1/230/50	486	580	904	G 1" BSP-F	EMD	R 134a	2057028		2001186	
RDP 180	180	105,88	1/230/50	486	580	904	G 1" BSP-F	EMD	R 134a	2057029		2001186	
RDP 235	235	138,24	1/230/50	486	580	904	G 1" BSP-F	EMD	R 134a	2057030		2001186	
RDP 300	300	176,47	1/230/50	486	580	904	G 1 1/4" BSP-F	EMD	R 134a	2057031		2001187	
RDP 380	380	223,53	1/230/50	596	735	1.104	G 1 1/4" BSP-F	EMD	R 134a	2057032		2001187	
RDP 480	480	282,35	1/230/50	596	735	1.104	G 1 1/2" BSP-F	EMD	R 134a	2057033		2001188	
RDP 600	600	352,94	1/230/50	718	697	1.405	G 2" BSP-F	EMD	R 134a	2057034		2001189	
RDP 750	750	441,18	3/400/50	596	735	1.104	G 2" BSP-F	EMD	R 134a	2057035		2001189	
RDP 950	950	558,82	3/400/50	718	697	1.405	G 2" BSP-F	EMD	R 134a	2057036		2001189	
RDP 1150	1.150	676,47	3/400/50	823	837	1.426	G 2 1/2" BSP-F	EMD	R 134a	2057037		/	
RDP 1300	1.300	764,71	3/400/50	823	837	1.426	G 2 1/2" BSP-F	EMD	R 134a	2057038		/	
RDP 1500	1.500	882,35	3/400/50	900	1.100	1.500	G 2 1/2" BSP-F	EMD	R 134a	2057039		/	
RDP 1900	1.900	1.117,65	3/400/50	900	1.100	1.500	DN80	EMD	R 134a	2057040		/	
RDP 2600	2.600	1.529,41	3/400/50	1.200	1.250	1.750	DN100	EMD	R 134a	2057041		/	
RDP 3400	3.400	2.000,00	3/400/50	1.200	1.250	1.750	DN100	EMD	R 134a	2057042		/	
RDP 4400	4.400	2.588,24	3/400/50	1.200	1.250	1.750	DN125	EMD	R 134a	2057043		/	
RDP 5400	5.400	3.176,47	3/400/50	1.350	1.800	1.850	DN125	EMD	R 134a	2057044		/	
RDP 6600	6.600	3.882,35	3/400/50	1.350	1.800	1.850	DN150	EMD	R 134a	2057045		/	
RDP 7200	7.200	4.235,29	3/400/50	1.350	1.800	1.850	DN150	EMD	R 134a	2057046		/	
RDP 8800	8.800	5.176,47	3/400/50	1.350	1.800	1.850	DN200	EMD	R 134a	2057047		/	
RDP 10800	10.800	6.352,94	3/400/50	1.600	2.300	2.500	DN200	EMD	R 134a	2057048		/	
RDP 13200	13.200	7.764,71	3/400/50	1.600	2.300	2.500	DN200 PN16	EMD	R 134a	2057049		/	

**CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES**

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

CORRECTION FACTOR FOR DEW POINT CHANGES

Temperature [°C]	3	5	7	10
Temperature [°F]	37,4	41	44,6	50
Correction factor	1,00	1,099	1,209	1,385

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

RDL**REFRIGERATION COMPRESSED AIR DRYERS**

operating pressure

up to **14** bar**TECHNICAL DATA & PRICES**

Model	Flow rate		Connections IN/OUT ø	Supply f/V/Hz	Max. press. barg	Dimensions			CODE	Gross price EUR
	Nm³/h	scfm				W	L	H		
						mm				
RDL 20	20	11,77	G 3/8" BSP-F	1/230/50	14	358	455	604	2057104	
RDL 35	35	20,60	G 3/8" BSP-F	1/230/50	14	358	455	604	2057105	
RDL 50	50	29,43	G 3/4" BSP-F	1/230/50	14	358	455	604	2057106	
RDL 75	75	44,14	G 3/4" BSP-F	1/230/50	14	358	455	604	2057107	
RDL 100	100	58,86	G 3/4" BSP-F	1/230/50	14	358	455	604	2057108	
RDL 140	140	82,40	G 1" BSP-F	1/230/50	14	486	580	904	2057109	
RDL 180	180	105,94	G 1" BSP-F	1/230/50	14	486	580	904	2057110	
RDL 235	235	138,32	G 1" BSP-F	1/230/50	14	486	580	904	2057111	

Data refer to the following nominal conditions: Ambient temperature of 25 °C, with inlet air at 7 barg and 35 °C and pressure DewPoint 5 °C in accordance to ISO8573.1 class 6.
All models are equipped with R134.a refrigerant. Max. operating condition : Ambient temperature 45 °C , Inlet air temperature 55 °C and Inlet air pressure 16 (14) barg

REMARK:

- Filters are not included.

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES

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

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 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 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

RDF**REFRIGERATION COMPRESSED AIR DRYERS**

operating pressure

up to **14** bar**TECHNICAL DATA & PRICES**

Model	Flow rate		Connections IN/OUT ø	Power W	Supply l/min/hz	Max. press. bar(g)	Dimensions			CODE	Gross price EUR
	Nm³/h	scfm					W	L	H		
							mm				
RDF 20	20	11,76	G 3/8" BSP-F	150	1/230/50	14	358	455	604	2057112	
RDF 35	35	20,59	G 3/8" BSP-F	150	1/230/50	14	358	455	604	2057113	
RDF 50	50	29,41	G 3/4" BSP-F	180	1/230/50	14	358	455	604	2057114	
RDF 75	75	44,12	G 3/4" BSP-F	250	1/230/50	14	358	455	604	2057115	
RDF 100	100	58,82	G 3/4" BSP-F	360	1/230/50	14	358	455	604	2057116	
RDF 140	140	82,35	G 1" BSP-F	460	1/230/50	14	486	580	904	2057117	
RDF 180	180	105,88	G 1" BSP-F	590	1/230/50	14	486	580	904	2057118	
RDF 235	235	138,24	G 1" BSP-F	840	1/230/50	14	486	580	904	2057119	

Data refer to the following nominal conditions: Ambient temperature of 25 °C, with inlet air at 7 barg and 35 °C and pressure DewPoint 5 °C in accordance to ISO8573.1 class 6.
All models are equipped with R134.a refrigerant. Max. operating condition : Ambient temperature 45 °C , Inlet air temperature 55 °C and Inlet air pressure 16 (14) barg

REMARK:

- Pre- and afterfilters are included.

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES

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

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

RDHP

HIGH PRESSURE REFRIGERATION COMPRESSED AIR DRYERS

operating pressure

50 bar

TECHNICAL DATA & PRICES

Type	Inlet flow		Dimensions			Air connection IN / OUT	CODE	Gross price EUR
	Nm³/h	scfm	W mm	L mm	H mm			
RDHP 20	20	11,76	358	455	604	G 3/8" BSP-F	2057120	
RDHP 35	35	20,59	358	455	604	G 3/8" BSP-F	2057121	
RDHP 50	50	29,41	358	455	604	G 3/8" BSP-F	2057122	
RDHP 75	75	44,12	358	455	604	G 3/8" BSP-F	2057123	
RDHP 100	100	58,82	358	455	604	G 3/8" BSP-F	2057124	
RDHP 140	140	82,35	486	580	904	G 1/2" BSP-F	2057125	
RDHP 180	180	105,88	486	580	904	G 1/2" BSP-F	2057126	
RDHP 235	235	138,24	486	580	904	G 1/2" BSP-F	2057127	
RDHP 300	300	176,47	486	580	904	G 3/4" BSP-F	2057128	
RDHP 380	380	223,53	596	735	1104	G 3/4" BSP-F	2057129	
RDHP 480	480	282,35	596	735	1104	G 3/4" BSP-F	2057130	
RDHP 600	600	352,94	718	697	1405	G 1" BSP-F	2057131	
RDHP 750	750	441,18	596	735	1104	G 1" BSP-F	2057132	
RDHP 950	950	558,82	718	697	1405	G 1" BSP-F	2057133	

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES

Operating pressure [bar]	15	20	25	30	35	40	45	50
Operating pressure [psi]	218	290	363	435	508	580	652	725
Correction factor	0,52	0,64	0,73	0,80	0,85	0,91	0,95	1

CORRECTION FACTOR FOR DEW POINT CHANGES

Temperature [°C]	3	5	7	10
Temperature [°F]	37,4	41	44,6	50
Correction factor	1,00	1,099	1,209	1,385

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

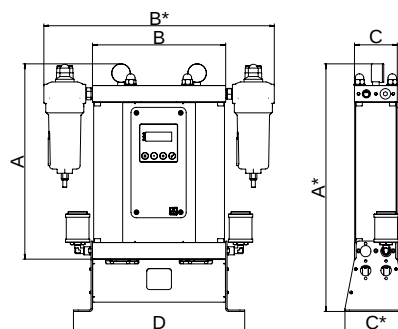
CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGES

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

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

A-DRY MODEL	Connection IN/OUT inch	Nominal volume flow		Dimensions							Mass kg	CODE	Gross Price EUR
		Inlet ¹⁾ Nm ³ /h	Outlet ²⁾ Nm 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	
A-DRY 12	G3/8	12	9,5	573	715	280	480	100	130	354	13,5	12000294	
A-DRY 24	G3/8	24	19	1.041	1.105	280	480	100	130	354	19	12000306	
A-DRY 36	G3/8	36	28,4	1.364	1.495	280	480	100	130	354	27,5	12000307	
A-DRY 60	G3/4	60	47,4	972	1105	370	570	148	170	434	45	12000308	
A-DRY 75	G3/4	75	59,3	1.167	1.300	370	570	148	170	434	53	12000309	
A-DRY 105	G3/4	117	83	1.567	1.700	370	570	148	170	434	70	12000310	
A-DRY 150	G1	150	118,5	1.345	1.440	440	725,5	198	240	570	170,5	12000356	
A-DRY 200	G1	200	158	1.538	1.655	440	725,5	198	240	570	182,2	12000357	

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

SERVICE KITS

Service kit - 12/36/60 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencer
- valve set
- packaging
- sealings

Service kit - 48 months

- elements
- silencer
- valve set
- absorbent
- packaging
- sealings

SERVICE KITS 12/36/60 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
A-DRY 06-36	12/36/60	12001341	
A-DRY 60-75	12/36/60	12001342	
A-DRY 105	12/36/60	12001351	
A-DRY 150-200	12/36/60	12001352	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
A-DRY 06	24	12001196	
A-DRY 12	24	12001197	
A-DRY 24	24	12001198	
A-DRY 36	24	12001199	
A-DRY 60	24	12001200	
A-DRY 75	24	12001201	
A-DRY 105	24	12001202	
A-DRY 150	24	12001203	
A-DRY 200	24	12001204	

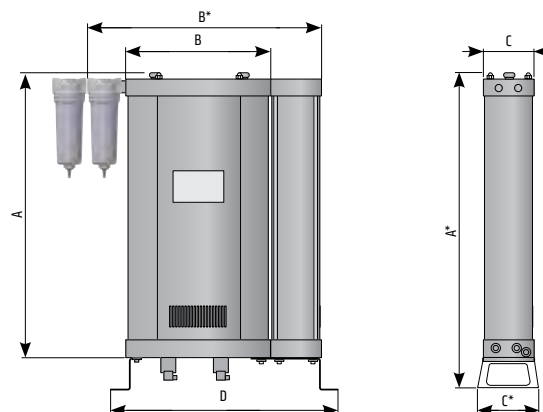
SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
A-DRY 06	48	12001187	
A-DRY 12	48	12001188	
A-DRY 24	48	12001189	
A-DRY 36	48	12001190	
A-DRY 60	48	12001191	
A-DRY 75	48	12001192	
A-DRY 105	48	12001193	
A-DRY 150	48	12001194	
A-DRY 200	48	12001195	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
WebServer Access	2506523	
A-dry 06-36 wall mounting kit	12001549	
Wooden shipping crate for A-DRY 06-36	/	
Wooden shipping crate for A-DRY 60-200	/	

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

A-DRY MODEL	Connection IN/OUT inch	Nominal volume flow		Dimensions							Mass kg	CODE	Gross Price EUR
		Inlet ¹ Nm ³ /h	Outlet ² Nm 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	339	520	280	467	100	130	444	10,5	12000566	
A-DRY-TAC 12	G3/8	12	9,5	573	715	280	467	100	130	444	13,5	12000567	
A-DRY-TAC 24	G3/8	24	19	1041	1105	280	467	100	130	444	19	12000568	
A-DRY-TAC 36	G3/8	36	28,4	1509	1495	280	467	100	130	444	27,5	12000569	
A-DRY-TAC 60	G3/4	60	47,4	972	1105	370	607	148	170	573	45	12000570	
A-DRY-TAC 75	G3/4	75	59,3	1167	1300	370	607	148	170	573	53	12000571	
A-DRY-TAC 105	G1	117	83	1567	1700	370	607	148	170	573	70	12000572	
A-DRY-TAC 150	G1	150	118,5	1.440	1.440	440	948	148	170	570	243,6	12001783	
A-DRY-TAC 200	G1	200	158	1.655	1.655	440	948	148	170	570	260,3	12001784	

⁽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
- silencer
- valve set
- adsorbent (carbon tower)
- packaging
- sealings

Service kit - 48 months

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

SERVICE KITS 12/36/60 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
A-DRY 06	12/36/60	12001503	
A-DRY 12	12/36/60	12001504	
A-DRY 24	12/36/60	12001505	
A-DRY 36	12/36/60	12001520	
A-DRY 60	12/36/60	12001521	
A-DRY 75	12/36/60	12001522	
A-DRY 105	12/36/60	12001523	
A-DRY 150	12/36/60	12001775	
A-DRY 200	12/36/60	12001776	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
A-DRY TAC 06	24	12001506	
A-DRY TAC 12	24	12001507	
A-DRY TAC 24	24	12001508	
A-DRY TAC 36	24	12001509	
A-DRY TAC 60	24	12001510	
A-DRY TAC 75	24	12001511	
A-DRY TAC 105	24	12001512	
A-DRY TAC 150	24	12001777	
A-DRY TAC 200	24	12001778	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
A-DRY TAC 06	48	12001513	
A-DRY TAC 12	48	12001514	
A-DRY TAC 24	48	12001515	
A-DRY TAC 36	48	12001516	
A-DRY TAC 60	48	12001517	
A-DRY TAC 75	48	12001518	
A-DRY TAC 105	48	12001519	
A-DRY TAC 150	48	12001779	
A-DRY TAC 200	48	12001780	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
WebServer Access	2506523	
A-dry 06-36 wall mounting kit	12001549	
Wooden shipping crate for A-DRY 06-36 TAC	/	
Wooden shipping crate for A-DRY 60-200 TAC	/	

A-DRY BM

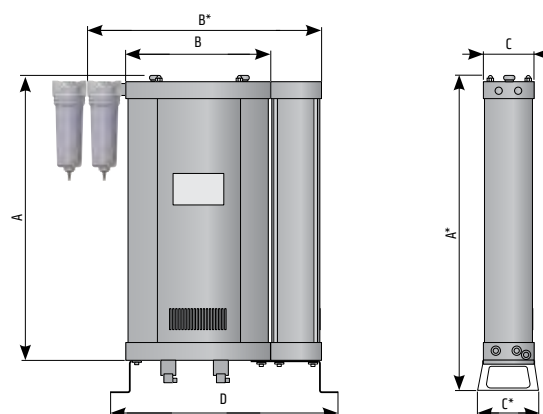
HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS

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

A-DRY BM MODEL	CODE	Gross price EUR	Connection IN / OUT "	Nominal volume flow		Dimensions							Mass kg
				Inlet ⁽¹⁾ Nm ³ /h	Outlet ⁽²⁾ Nm ³ /h	A mm	A* mm	B mm	B* mm	C mm	C* mm	D mm	
A-DRY-BM 06	12000635		G3/8	6	4,7	520	492	370	470	100	130	444	15
A-DRY-BM 12	12000636		G3/8	12	9,5	715	687	370	470	100	130	444	19,3
A-DRY-BM 24	12000637		G3/8	24	19	1.105	1.077	370	470	100	130	444	27,1
A-DRY-BM 36	12000638		G3/8	36	28,4	1.495	1.467	370	470	100	130	444	39,3
A-DRY-BM 60	12000639		G3/4	60	47,4	1.105	1.077	500	615	148	170	573	64,3
A-DRY-BM 75	12000640		G3/4	75	59,3	1.300	1.272	500	615	148	170	573	75,7
A-DRY-BM 105	12000641		G3/4	117	83	1.700	1.672	500	615	148	170	573	100
A-DRY-BM 150	12000642		G1	150	118,5	1.440	1.440	440	948	148	170	570	243,6
A-DRY-BM 200	12000643		G1	200	158	1.655	1.655	440	948	148	170	570	260,3

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

Service kit - 48 months

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

SERVICE KITS 12/36/60 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
A-DRY BM 06	12/36/60	12001496	
A-DRY BM 12	12/36/60	12001497	
A-DRY BM 24	12/36/60	12001498	
A-DRY BM 36	12/36/60	12001499	
A-DRY BM 60	12/36/60	12001500	
A-DRY BM 75	12/36/60	12001501	
A-DRY BM 105	12/36/60	12001502	
A-DRY BM 150	12/36/60	12001781	
A-DRY BM 200	12/36/60	12001782	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
A-DRY BM 06	24	12000644	
A-DRY BM 12	24	12000645	
A-DRY BM 24	24	12000646	
A-DRY BI/BM 36	24	12000647	
A-DRY BM 60	24	12000648	
A-DRY BM 75	24	12000649	
A-DRY BM 105	24	12000650	
A-DRY BM 150	24	12000651	
A-DRY BM 200	24	12000652	

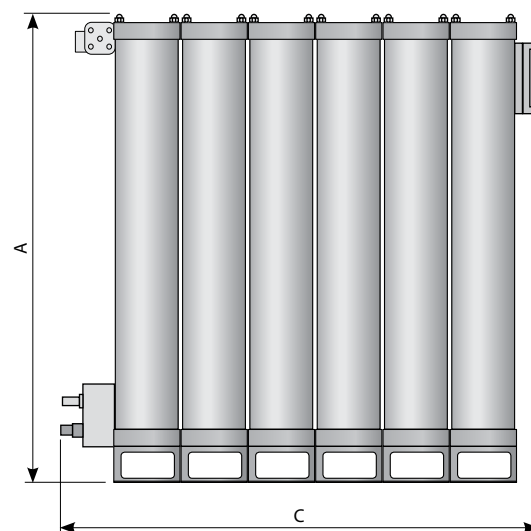
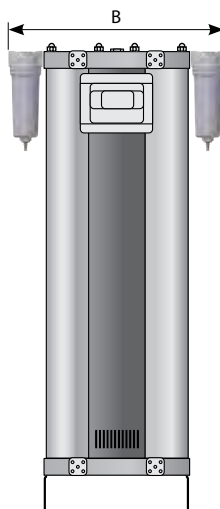
SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
A-DRY BM 06	48	12000653	
A-DRY BM 12	48	12000654	
A-DRY BM 24	48	12000655	
A-DRY BI/BM 36	48	12000656	
A-DRY BM 60	48	12000657	
A-DRY BM 75	48	12000658	
A-DRY BM 105	48	12000659	
A-DRY BM 150	48	12000660	
A-DRY BM 200	48	12000661	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
WebServer Access	2506523	
A-dry 06-36 wall mounting kit	12001549	
Wooden shipping crate for A-DRY BM 06-36	/	
Wooden shipping crate for A-DRY BM 60-105	/	

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.
- Siemens LOGO controller.

TECHNICAL DATA & PRICES

MODEL	Connection IN/OUT ²	Nominal volume flow Inlet ¹ Nm ³ /h	Dimensions			Mass kg	CODE	Gross Price EUR
	"		A mm	B mm	C mm			
X-DRY 300	G 2	300	1.515	674	686	350	12000492	
X-DRY 450	G 2	450	1.515	674	886	520	12000493	
X-DRY 600	G 2	600	1.515	674	1.086	690	12000494	
X-DRY 750	G 2	750	1.515	674	1.286	860	12000495	
X-DRY 900	G 2	900	1.515	674	1.486	1.030	12000496	
X-DRY 1050	G 2	1050	1.515	674	1.686	1.200	12000497	

⁽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
Correction factor	1,00	1,00	1,00	0,97	0,87	0,80

DEW POINT - CORRECTION FACTORS - C

[°C]	-25	-40	-70
C _D	1,1	1	0,7

X-DRY

SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

- elements
- silencer
- valve set
- absorbent
- packaging
- sealings

SERVICE KITS 12/36/60 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
X-DRY 300	12/36/60	12001468	
X-DRY 450	12/36/60	12001469	
X-DRY 600	12/36/60	12001470	
X-DRY 750	12/36/60	12001471	
X-DRY 900	12/36/60	12001472	
X-DRY 1050	12/36/60	12001473	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
X-DRY 300	24	12000412	
X-DRY 450	24	12000413	
X-DRY 600	24	12000414	
X-DRY 750	24	12000415	
X-DRY 900	24	12000416	
X-DRY 1050	24	12000417	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
X-DRY 300	48	12000418	
X-DRY 450	48	12000419	
X-DRY 600	48	12000420	
X-DRY 750	48	12000421	
X-DRY 900	48	12000422	
X-DRY 1050	48	12000423	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
WebServer Access	2506523	

B-DRY

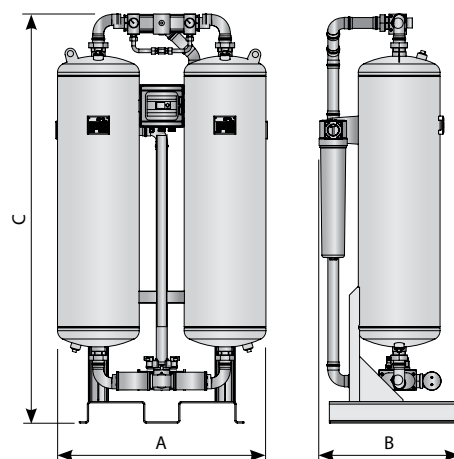
HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS

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.
- Siemens LOGO controller.


TECHNICAL DATA & PRICES

MODEL	Connection IN/OUT "	Nominal volume flow		Dimensions			Mass kg	CODE	Gross Price EUR
		Inlet ¹ Nm ³ /h	Outlet ² Nm ³ /h	A mm	B mm	C mm			
B-DRY 110	G1	110	86,0	719 ± 5	422	1.647	140	12000318	
B-DRY 150	G1	150	117,5	707 ± 5	422	1.897	156	12000319	
B-DRY 200	G1	200	157,0	707 ± 5	471	1.664	196	12000320	
B-DRY 250	G1	260	204,0	707 ± 5	471	1.914	236	12000321	
B-DRY 300	G1 1/2	320	251,0	860 ± 5	535	1.742	274	12000322	
B-DRY 400	G1 1/2	410	321,5	854 ± 5	535	1.989	295	12000323	
B-DRY 600	G1 1/2	590	462,5	854 ± 5	671	2.051	392	12000324	
B-DRY 800	G2	770	603,5	1.051 ± 10	701	2.080	507	12000325	
B-DRY 1000	G2	1.000	784,0	1.051 ± 10	701	2.140	597	12000326	
B-DRY 1200	G2	1.152	903,2	1.153 ± 10	727	2.140	625	12000327	

⁽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
- non-return valve
- packaging
- sealings

Service kit - 48 months

- elements
- silencer
- valve set
- absorbent
- packaging
- sealings

SERVICE KITS 12/36/60 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
B-DRY 110-150	12/36/60	12001400	
B-DRY 200-250	12/36/60	12001401	
B-DRY 300-400	12/36/60	12001402	
B-DRY 600	12/36/60	12001403	
B-DRY 800-1000	12/36/60	12001404	
B-DRY 1200	12/36/60	12001418	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
B-DRY 110-150	24	12000400	
B-DRY 200-250	24	12001419	
B-DRY 300-400	24	12000401	
B-DRY 600	24	12001420	
B-DRY 800-1000	24	12000402	
B-DRY 1200	24	12001421	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
B-DRY 110	48	12000403	
B-DRY 150	48	12000404	
B-DRY 200	48	12000405	
B-DRY 250	48	12000406	
B-DRY 300	48	12000407	
B-DRY 400	48	12000408	
B-DRY 600	48	12000409	
B-DRY 800	48	12000410	
B-DRY 1000	48	12000411	
B-DRY 1200	48	12000928	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
WebServer Access	2506523	
Wooden shipping crate for B-DRY	4500312	

B-DRY TAC

HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS WITH ACTIVATED CARBON TOWER

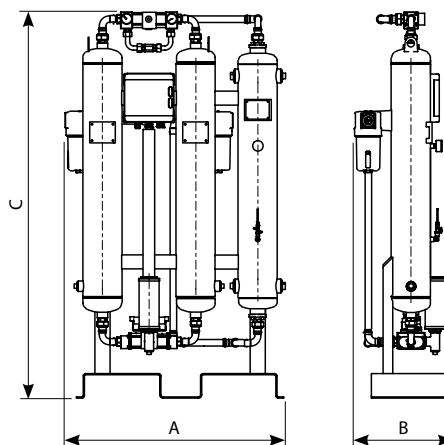
operating pressure

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.
- Siemens LOGO controller.

TECHNICAL DATA & PRICES

MODEL	Connection IN/OUT "	Nominal volume flow		Dimensions			Mass kg	CODE	Gross Price EUR
		Inlet ¹ Nm ³ /h	Outlet ² Nm ³ /h	A mm	B mm	C mm			
B-DRY TAC 110	G1	110	86,0	719 ±5	422	1.647	140	12001800	
B-DRY TAC 150	G1	150	117,5	707 ±5	422	1.897	156	12001801	
B-DRY TAC 200	G1	200	157,0	707 ±5	471	1.664	196	12001802	
B-DRY TAC 250	G1	260	204,0	707 ±5	471	1.914	236	12001803	
B-DRY TAC 300	G1 1/2	320	251,0	860 ±5	535	1.742	274	12001804	
B-DRY TAC 400	G1 1/2	410	321,5	854 ±5	535	1.989	295	12001805	
B-DRY TAC 600	G1 1/2	590	462,5	854 ±5	671	2.051	392	12001806	
B-DRY TAC 800	G2	770	603,5	1.051 ±10	701	2.080	507	12001807	
B-DRY TAC 1000	G2	1.000	784,0	1.051 ±10	701	2.140	597	12001808	
B-DRY TAC 1200	G2	1.152	903,2	1.153 ±10	727	2.140	625	12001809	



⁽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 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

- elements
- silencer
- valve set
- absorbent
- packaging
- sealings

SERVICE KITS 12 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
B-DRY TAC 110	12	12001830	
B-DRY TAC 150	12	12001831	
B-DRY TAC 200	12	12001832	
B-DRY TAC 250	12	12001833	
B-DRY TAC 300	12	12001834	
B-DRY TAC 400	12	12001835	
B-DRY TAC 600	12	12001836	
B-DRY TAC 800	12	12001837	
B-DRY TAC 1000	12	12001838	
B-DRY TAC 1200	12	12001839	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
B-DRY TAC 110	24	12001840	
B-DRY TAC 150	24	12001841	
B-DRY TAC 200	24	12001842	
B-DRY TAC 250	24	12001843	
B-DRY TAC 300	24	12001844	
B-DRY TAC 400	24	12001845	
B-DRY TAC 600	24	12001846	
B-DRY TAC 800	24	12001847	
B-DRY TAC 1000	24	12001848	
B-DRY TAC 1200	24	12001849	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
B-DRY TAC 110	48	12001850	
B-DRY TAC 150	48	12001851	
B-DRY TAC 200	48	12001852	
B-DRY TAC 250	48	12001853	
B-DRY TAC 300	48	12001854	
B-DRY TAC 400	48	12001855	
B-DRY TAC 600	48	12001856	
B-DRY TAC 800	48	12001857	
B-DRY TAC 1000	48	12001858	
B-DRY TAC 1200	48	12001859	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
WebServer Access	2506523	
Wooden shipping crate for B-DRY	4500312	

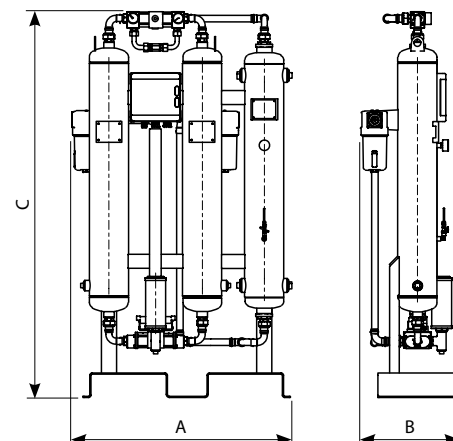
B-DRY BM

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.
- Siemens LOGO controller.



TECHNICAL DATA & PRICES

MODEL	Connection IN/OUT "	Nominal volume flow		Dimensions			Mass kg	CODE	Gross Price EUR
		Inlet ¹ Nm ³ /h	Outlet ² Nm ³ /h	A mm	B mm	C mm			
B-DRY BM 110	G1	110	86	1.647	945	422	20	12001810	
B-DRY BM 150	G1	150	117,5	1.897	945	422	25	12001811	
B-DRY BM 200	G1	200	157,0	1.664	1.045	471	36	12001812	
B-DRY BM 250	G1	260	204,0	1.914	1.045	471	45	12001813	
B-DRY BM 300	G1 1/2	320	251,0	1.742	1.230	535	57	12001814	
B-DRY BM 400	G1 1/2	410	321,5	1.989	1.230	535	70	12001815	
B-DRY BM 600	G1 1/2	590	462,5	2.051	1.370	671	102	12001816	
B-DRY BM 800	G2	770	603,5	2.080	1.520	701	134	12001817	
B-DRY BM 1000	G2	1.000	784,0	2.140	1.615	701	164	12001818	
B-DRY BM 1200	G2	1.152	903,2	2.185	1.805	701	215	12001819	

⁽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 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

- elements
- silencer
- valve set
- absorbent
- packaging
- sealings

SERVICE KITS 12 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
B-DRY BM 110	12	12001860	
B-DRY BM 150	12	12001861	
B-DRY BM 200	12	12001862	
B-DRY BM 250	12	12001863	
B-DRY BM 300	12	12001864	
B-DRY BM 400	12	12001865	
B-DRY BM 600	12	12001866	
B-DRY BM 800	12	12001867	
B-DRY BM 1000	12	12001868	
B-DRY BM 1200	12	12001869	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
B-DRY BM 110	24	12001870	
B-DRY BM 150	24	12001871	
B-DRY BM 200	24	12001872	
B-DRY BM 250	24	12001873	
B-DRY BM 300	24	12001874	
B-DRY BM 400	24	12001875	
B-DRY BM 600	24	12001876	
B-DRY BM 800	24	12001877	
B-DRY BM 1000	24	12001878	
B-DRY BM 1200	24	12001879	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
B-DRY BM 110	48	12001880	
B-DRY BM 150	48	12001881	
B-DRY BM 200	48	12001882	
B-DRY BM 250	48	12001883	
B-DRY BM 300	48	12001884	
B-DRY BM 400	48	12001885	
B-DRY BM 600	48	12001886	
B-DRY BM 800	48	12001887	
B-DRY BM 1000	48	12001888	
B-DRY BM 1200	48	12001889	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
WebServer Access	2506523	
Wooden shipping crate for B-DRY	4500312	

F-DRY

HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS

operating pressure

4-16 bar


INCLUDED

- pre-filter* with automatic drain AOK 16B and manometer MDM 40 (F-DRY 1200-3000), MDA 60 (F-DRY 3750-6500),
- after-filter* with manual drain MCD and manometer MDM 40 (F-DRY 1200-3000), MDA 60 (F-DRY 3750-6500).
- Siemens LOGO controller.

*Filters are not mounted.

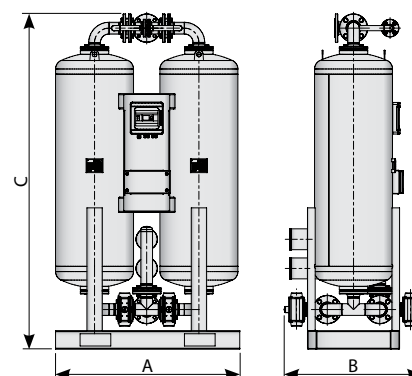
TECHNICAL DATA & PRICES

F-DRY MODEL	Connection	Nominal volume flow		Dimensions			Mass	CODE	Gross price
	IN/OUT DN	Inlet ¹ Nm ³ /h	Outlet ² Nm ³ /h	A mm	B mm	C mm			
F-DRY 1200	DN50	1.200	936	1.210	850	2.170	820	12000334	
F-DRY 1500	DN65	1.500	1.170	1.535	950	2.210	980	12000335	
F-DRY 2000	DN65	2.000	1.560	1.685	980	2.330	1.550	12000336	
F-DRY 2500	DN80	2.500	1.950	1.785	1.120	2.260	1.680	12000337	
F-DRY 3000	DN80	3.000	2.340	1.875	1.120	2.400	1.850	12000338	
F-DRY 3750	DN100	3.750	2.925	2.025	1.230	2.490	2.300	12000339	
F-DRY 5000	DN100	5.000	3.900	2.235	1.230	2.600	2.850	12000340	
F-DRY 6500	DN125	6.500	5.070	2.420	1.430	2.730	3.750	12000341	

⁽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
- packaging
- sealings

Service kit - 48 months

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

SERVICE KITS 12/36/60 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
F-DRY 1200	12/36/60	12001343	
F-DRY 1500	12/36/60	12000425	
F-DRY2000	12/36/60	12000426	
F-DRY2500	12/36/60	12000427	
F-DRY3000	12/36/60	12000428	
F-DRY3750	12/36/60	12000429	
F-DRY5000	12/36/60	12000430	
F-DRY6500	12/36/60	12000431	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
F-DRY 1200	24	12000424	
F-DRY 1500	24	12000425	
F-DRY2000	24	12000426	
F-DRY2500	24	12000427	
F-DRY3000	24	12000428	
F-DRY3750	24	12000429	
F-DRY5000	24	12000430	
F-DRY6500	24	12000431	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
F-DRY 1200	48	12000432	
F-DRY 1500	48	12000433	
F-DRY2000	48	12000434	
F-DRY2500	48	12000435	
F-DRY3000	48	12000436	
F-DRY3750	48	12000437	
F-DRY5000	48	12000438	
F-DRY6500	48	12000439	

SERVICE VALVE KITS		
TYPE	CODE	Gross price EUR
Service kit valve + actuator F-DRY 1200	12001442	
Service kit valve + actuator F-DRY 1500-2000	12001443	
Service kit valve + actuator F-DRY 2500-3000	12001444	
Service kit valve + actuator F-DRY 3750-5000	12001445	
Service kit valve + actuator F-DRY 6500	12001446	

START-UP DEVICES			
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	F-DRY 1200	
DN65	12000485	F-DRY 1500-2000	
DN80	12000486	F-DRY 2500-3000	
DN100	12000487	F-DRY 3750-5000	
DN125	12000488	F-DRY 6500	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
WebServer Access	2506523	
Testing in presence of the customer	2501058	
Comming on site, excluding transport costs	2501059	
Wooden shipping crate for F-DRY from model 1200 to 3000	4500326	
Wooden shipping crate for F-DRY from model 3750 to 6500	4500376	

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),
- Siemens LOGO controller.

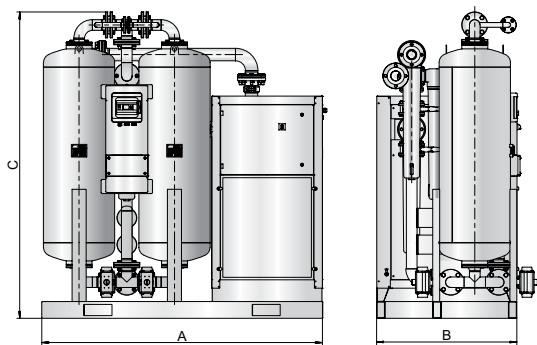
*Filters are not mounted on COM DRY models 1200-6500.

TECHNICAL DATA & PRICES

COM-DRY MODEL	Connection	Nominal volume flow	Adsorption dryer	Refrigeration dryer	Power	Volume	CODE	Gross Price
	IN/OUT inch	Inlet ¹ Nm ³ /h						
COM-DRY 06	G 3/8	6	A-DRY 06	RDP 20	0,15	2,6	12000372	
COM-DRY 12	G 3/8	12	A-DRY 12	RDP 20	0,15	4,3	12000373	
COM-DRY 24	G 3/8	24	A-DRY 24	RDP 35	0,16	7,8	12000374	
COM-DRY 36	G 3/8	36	A-DRY 36	RDP 35	0,16	11,2	12000375	
COM-DRY 60	G 1/2	60	A-DRY 60	RDP 75	0,21	19,9	12000376	
COM-DRY 75	G 1/2	75	A-DRY 75	RDP 100	0,29	24,3	12000377	
COM-DRY 110	G 3/4	110	B-DRY 110	RDP 140	0,39	20	12000378	
COM-DRY 150	G 1	150	B-DRY 150	RDP 180	0,48	25	12000379	
COM-DRY 200	G 1	200	B-DRY 200	RDP 235	0,71	36	12000380	
COM-DRY 250	G 1	260	B-DRY 250	RDP 300	0,79	45	12000381	
COM-DRY 300	G 1	320	B-DRY 300	RDP 380	0,82	57	12000382	
COM-DRY 400	G 1 1/2	410	B-DRY 400	RDP 480	0,71	70	12000383	
COM-DRY 600	G 1 1/2	590	B-DRY 600	RDP 750	1,4	102	12000384	
COM-DRY 800	G 2	770	B-DRY 800	RDP 950	1,5	134	12000385	
COM-DRY 1000	G 2	1.000	B-DRY 1000	RDP 1150	2,1	164	12000386	
COM-DRY 1200	DN50	1.200	F-DRY 1200	RDP 1300	2,3	225	12000387	
COM-DRY 1500	DN65	1.500	F-DRY 1500	RDP 1900	3,6	280	12000388	
COM-DRY 2000	DN65	2.000	F-DRY 2000	RDP 2600	3,9	295	12000389	
COM-DRY 2500	DN80	2.500	F-DRY 2500	RDP 2600	5,2	470	12000390	
COM-DRY 3000	DN80	3.000	F-DRY 3000	RDP 3400	5,9	570	12000391	
COM-DRY 3750	DN100	3.750	F-DRY 3750	RDP 4400	7,1	660	12000392	
COM-DRY 5000	DN100	5.000	F-DRY 5000	RDP 5400	10,8	980	12000393	
COM-DRY 6500	DN125	6.500	F-DRY 6500	RDP 6600	11,3	1.200	12000394	

⁽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.



CORRECTION FACTORS - F₁

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

CORRECTION FACTORS - F₂

Inlet temperature [°C]	25	30	35	40	45	50	55	65
Correction factor	1,00	1,00	1,00	0,97	0,87	0,80	0,64	0,51

DEW POINT

[°C]	-25	-40	-70
C ₀	1,1	1	0,7

COM-DRY

SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

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

SERVICE KITS 12 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
COM-DRY 06-36	12	12001341	
COM-DRY 60-75	12	12001342	
COM-DRY 110-150	12	12001400	
COM-DRY 200-250	12	12000401	
COM-DRY 300-400	12	12000402	
COM-DRY 600	12	12001419	
COM-DRY 800-1000	12	12001420	
COM-DRY 1200	12	12001343	
COM-DRY 1500	12	12000425	
COM-DRY 2000	12	12000426	
COM-DRY 2500	12	12000427	
COM-DRY 3000	12	1200428	
COM-DRY 3750	12	12000429	
COM-DRY 5000	12	12000430	
COM-DRY 6500	12	12000431	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
COM-DRY 06	24	12001196	
COM-DRY 12	24	12001197	
COM-DRY 24	24	12001198	
COM-DRY 36	24	12001199	
COM-DRY 60	24	12001200	
COM-DRY 75	24	12001201	
COM-DRY 110-150	24	12000400	
COM-DRY 200-250	24	12000401	
COM-DRY 300-400	24	12000402	
COM-DRY 600	24	12001419	
COM-DRY 800-1000	24	12001420	
COM-DRY 1200	24	12000424	
COM-DRY 1500	24	12000425	
COM-DRY 2000	24	12000426	
COM-DRY 2500	24	12000427	
COM-DRY 3000	24	12000428	
COM-DRY 3750	24	12000429	
COM-DRY 5000	24	12000430	
COM-DRY 6500	24	12000431	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
COM-DRY 06	48	12001187	
COM-DRY 12	48	12001188	
COM-DRY 24	48	12001189	
COM-DRY 36	48	12001190	
COM-DRY 60	48	12001191	
COM-DRY 75	48	12001192	
COM-DRY 110	48	12000403	
COM-DRY 150	48	12000404	
COM-DRY 200	48	12000405	
COM-DRY 250	48	12000406	
COM-DRY 300	48	12000407	
COM-DRY 400	48	12000408	
COM-DRY 600	48	12000409	
COM-DRY 800	48	12000410	
COM-DRY 1000	48	12000411	
COM-DRY 1200	48	12000432	
COM-DRY 1500	48	12000433	
COM-DRY 2000	48	12000434	
COM-DRY 2500	48	12000435	
COM-DRY 3000	48	12000436	
COM-DRY 3750	48	12000437	
COM-DRY 5000	48	12000438	
COM-DRY 6500	48	12000439	

SERVICE VALVE KITS		
TYPE	CODE	Gross price EUR
Service kit valve + actuator COM-DRY 1200	12001442	
Service kit valve + actuator COM-DRY 1500-2000	12001443	
Service kit valve + actuator COM-DRY 2500-3000	12001444	
Service kit valve + actuator COM-DRY 3750-5000	12001445	
Service kit valve + actuator COM-DRY 6500	12001446	

START-UP DEVICES			
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	COM-DRY 1200	
DN65	12000485	COM-DRY 1500-2000	
DN80	12000486	COM-DRY 2500-3000	
DN100	12000487	COM-DRY 3750-5000	
DN125	12000488	COM-DRY 6500	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
WebServer Access	2506523	

R-DRY BVA

VACUUM REGENERATION 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

R-DRY BVA MODEL	Connection IN/OUT ² DN	Nominal volume flow ¹ Nm ³ /h	Dimensions			Mass kg	CODE	Gross price Without insulation	CODE	Gross price insulation
			A mm	B mm	C mm			EUR		EUR
R-DRY 400 BVA	DN50	390	1.200	850	2.250	1.000	12000498		3401683	
R-DRY 600 BVA	DN50	590	1.500	900	2.350	1.400	12000499		3401684	
R-DRY 780 BVA	DN50	780	1.750	1.000	2.450	1.800	12000500		3401685	
R-DRY 1000 BVA	DN50	930	1.750	1.250	2.450	1.900	12000501		3401686	
R-DRY 1200 BVA	DN80	1.150	1.900	1.100	2.450	2.200	12000502		3401687	
R-DRY 1600 BVA	DN80	1.600	1.900	1.350	2.500	2.600	12000503		3401688	
R-DRY 2000 BVA	DN100	1.950	2.200	1.150	2.600	3.400	12000504		3401689	
R-DRY 2500 BVA	DN100	2.530	2.350	1.150	2.750	3.800	12000505		3401690	
R-DRY 3000 BVA	DN100	2.990	2.500	1.150	2.750	4.000	12000506		3401691	
R-DRY 3600 BVA	DN100	3.680	2.800	1.350	2.850	4.800	12000507		3401692	
R-DRY 4100 BVA	DN125	4.100	3.000	1.350	2.850	5.100	12000508		3401693	
R-DRY 5000 BVA	DN125	4.990	3.200	1.450	2.950	5.900	12000509		3401694	
R-DRY 6500 BVA	DN150	6.550	3.520	1.750	3.050	7.200	12000510		3401695	
R-DRY 7700 BVA	DN150	7.700	3.700	2.000	3.100	7.900	12000511		3401696	
R-DRY 10000 BVA	DN200	10.250	4.300	2.200	3.550	12.000	12000512		3401697	
R-DRY 12000 BVA	DN200	11.700	4.400	2.500	3.550	14.200	12000513		3401698	
R-DRY 14000 BVA	DN200	14.800	4.800	2.600	3.650	16.800	12000514		3401699	
R-DRY 16000 BVA	DN250	16.000	5.000	3.200	3.650	18.500	12000515		3401700	
R-DRY 18000 BVA	DN250	18.200	5.200	3.500	4.200	20.000	12000516		3401701	
R-DRY 20000 BVA	DN250	20.200	6.000	3.500	4.350	23.000	12000517		3401702	

⁽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:

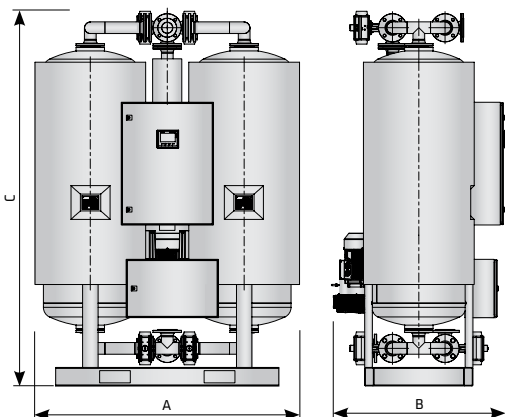
- Standard dew point is -40 °C.
- Dew points -25 °C and -70 °C on request.

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

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



R-DRY BVA

SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

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

SERVICE KITS 12/36/60 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY 400	12/36/60	12001353	
R-DRY 600	12/36/60	12001354	
R-DRY 780	12/36/60	12001355	
R-DRY 1000	12/36/60	12001356	
R-DRY 1200	12/36/60	12001357	
R-DRY 1600	12/36/60	12001358	
R-DRY 2000	12/36/60	12001359	
R-DRY 2500	12/36/60	12001360	
R-DRY 3000	12/36/60	12001361	
R-DRY 3600	12/36/60	12001362	
R-DRY 4100	12/36/60	12001363	
R-DRY 5000	12/36/60	12001364	
R-DRY 6500	12/36/60	12001365	
R-DRY 7700	12/36/60	12001366	
R-DRY 10000	12/36/60	12001367	
R-DRY 12000	12/36/60	12001368	
R-DRY 14000	12/36/60	12001369	
R-DRY 16000	12/36/60	12001370	
R-DRY 18000	12/36/60	12001371	
R-DRY 20000	12/36/60	12001372	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY 400	24	12000443	
R-DRY 600	24	12000444	
R-DRY 780	24	12000445	
R-DRY 1000	24	12000446	
R-DRY 1200	24	12000447	
R-DRY 1600	24	12000448	
R-DRY 2000	24	12000449	
R-DRY 2500	24	12000450	
R-DRY 3000	24	12000451	
R-DRY 3600	24	12000452	
R-DRY 4100	24	12000453	
R-DRY 5000	24	12000454	
R-DRY 6500	24	12000455	
R-DRY 7700	24	12000456	
R-DRY 10000	24	12000457	
R-DRY 12000	24	12000458	
R-DRY 14000	24	12000459	
R-DRY 16000	24	12000460	
R-DRY 18000	24	12000461	
R-DRY 20000	24	12000462	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY 400	48	12001636	
R-DRY 600	48	12001637	
R-DRY 780	48	12001638	
R-DRY 1000	48	12001639	
R-DRY 1200	48	12001640	
R-DRY 1600	48	12001641	
R-DRY 2000	48	12001642	
R-DRY 2500	48	12001643	
R-DRY 3000	48	12001644	
R-DRY 3600	48	12001645	
R-DRY 4100	48	12001646	
R-DRY 5000	48	12001647	
R-DRY 6500	48	12001648	
R-DRY 7700	48	12001649	
R-DRY 10000	48	12001650	
R-DRY 12000	48	12001651	
R-DRY 14000	48	12001652	
R-DRY 16000	48	12001653	
R-DRY 18000	48	12001654	
R-DRY 20000	48	12001655	

SERVICE VALVE KITS		
TYPE	CODE	Gross price EUR
Service kit valve + actuator R-DRY 400-1000 BVA/BP	12001461	
Service kit valve + actuator R-DRY 1200-1600 BVA/BP	12001462	
Service kit valve + actuator R-DRY 2000-3600 BVA/BP	12001463	
Service kit valve + actuator R-DRY 4100-5000 BVA/BP	12001464	
Service kit valve + actuator R-DRY 6500-7700 BVA/BP	12001465	
Service kit valve + actuator R-DRY 10000-14000 BVA/BP	12001466	
Service kit valve + actuator R-DRY 16000-20000 BVA/BP	12001467	

START-UP DEVICES			
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	R-DRY 400-780	
DN80	12000486	R-DRY 1000-1600	
DN100	12000487	R-DRY 2000-3600	
DN125	12000488	R-DRY 4100-5000	
DN150	12000489	R-DRY 6500-7700	
DN200	12000490	R-DRY 10000-14000	
DN250	12000491	R-DRY 16000-20000	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
Profibus	2506524	
Profinet	2506525	
Valve position switches R-DRY BVA	2506527	
Testing in presence of the customer	2501058	
Comming on site, excluding transport costs	2501059	
Wooden shipping crate for R-DRY from model 400 to 2000	4500377	
Wooden shipping crate for R-DRY from model 2500 to 7700	4500378	
Wooden shipping crate for R-DRY from model 10000 to 20000	4500379	

R-DRY BP

COOLING WITH PURGE

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

R-DRY BP MODEL	Connection IN/OUT DN	Nominal volume flow ¹ Nm 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	1.200	850	2.250	1.000	12000929		3401683	
R-DRY 600 BP	DN50	590	1.500	900	2.350	1.400	12000930		3401684	
R-DRY 780 BP	DN50	780	1.750	1.000	2.450	1.800	12000931		3401685	
R-DRY 1000 BP	DN50	930	1.750	1.250	2.450	1.900	12000932		3401686	
R-DRY 1200 BP	DN80	1.150	1.900	1.100	2.450	2.200	12000933		3401687	
R-DRY 1600 BP	DN80	1.600	1.900	1.350	2.500	2.600	12000934		3401688	
R-DRY 2000 BP	DN100	1.950	2.200	1.150	2.600	3.400	12000935		3401689	
R-DRY 2500 BP	DN100	2.530	2.350	1.150	2.750	3.800	12000936		3401690	
R-DRY 3000 BP	DN100	2.990	2.500	1.150	2.750	4.000	12000937		3401691	
R-DRY 3600 BP	DN100	3.680	2.800	1.350	2.850	4.800	12000938		3401692	
R-DRY 4100 BP	DN125	4.100	3.000	1.350	2.850	5.100	12000939		3401693	
R-DRY 5000 BP	DN125	4.990	3.200	1.450	2.950	5.900	12000940		3401694	
R-DRY 6500 BP	DN150	6.550	3.520	1.750	3.050	7.200	12000941		3401695	
R-DRY 7700 BP	DN150	7.700	3.700	2.000	3.100	7.900	12000942		3401696	
R-DRY 10000 BP	DN200	10.250	4.300	2.200	3.550	12.000	12000943		3401697	
R-DRY 12000 BP	DN200	11.700	4.400	2.500	3.550	14.200	12000944		3401698	
R-DRY 14000 BP	DN200	14.800	4.800	2.600	3.650	16.800	12000945		3401699	
R-DRY 16000 BP	DN250	16.000	5.000	3.200	3.650	18.500	12000946		3401700	
R-DRY 18000 BP	DN250	18.200	5.200	3.500	4.200	20.000	12000947		3401701	
R-DRY 20000 BP	DN250	20.200	6.000	3.500	4.350	23.000	12000948		3401702	

⁽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:

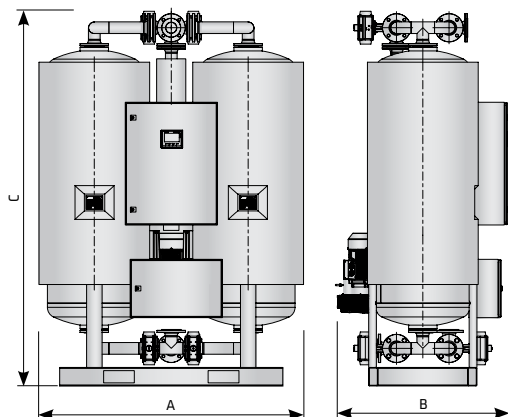
- Standard dew point is -40 °C.
- Dew points -25 °C and -70 °C on request.

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 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

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

SERVICE KITS 12/36/60 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY 400	12/36/60	12001353	
R-DRY 600	12/36/60	12001354	
R-DRY 780	12/36/60	12001355	
R-DRY 1000	12/36/60	12001356	
R-DRY 1200	12/36/60	12001357	
R-DRY 1600	12/36/60	12001358	
R-DRY 2000	12/36/60	12001359	
R-DRY 2500	12/36/60	12001360	
R-DRY 3000	12/36/60	12001361	
R-DRY 3600	12/36/60	12001362	
R-DRY 4100	12/36/60	12001363	
R-DRY 5000	12/36/60	12001364	
R-DRY 6500	12/36/60	12001365	
R-DRY 7700	12/36/60	12001366	
R-DRY 10000	12/36/60	12001367	
R-DRY 12000	12/36/60	12001368	
R-DRY 14000	12/36/60	12001369	
R-DRY 16000	12/36/60	12001370	
R-DRY 18000	12/36/60	12001371	
R-DRY 20000	12/36/60	12001372	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY 400	24	12000443	
R-DRY 600	24	12000444	
R-DRY 780	24	12000445	
R-DRY 1000	24	12000446	
R-DRY 1200	24	12000447	
R-DRY 1600	24	12000448	
R-DRY 2000	24	12000449	
R-DRY 2500	24	12000450	
R-DRY 3000	24	12000451	
R-DRY 3600	24	12000452	
R-DRY 4100	24	12000453	
R-DRY 5000	24	12000454	
R-DRY 6500	24	12000455	
R-DRY 7700	24	12000456	
R-DRY 10000	24	12000457	
R-DRY 12000	24	12000458	
R-DRY 14000	24	12000459	
R-DRY 16000	24	12000460	
R-DRY 18000	24	12000461	
R-DRY 20000	24	12000462	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY 400	48	12000463	
R-DRY 600	48	12000464	
R-DRY 780	48	12000465	
R-DRY 1000	48	12000466	
R-DRY 1200	48	12000467	
R-DRY 1600	48	12000468	
R-DRY 2000	48	12000469	
R-DRY 2500	48	12000470	
R-DRY 3000	48	12000471	
R-DRY 3600	48	12000472	
R-DRY 4100	48	12000473	
R-DRY 5000	48	12000474	
R-DRY 6500	48	12000475	
R-DRY 7700	48	12000476	
R-DRY 10000	48	12000477	
R-DRY 12000	48	12000478	
R-DRY 14000	48	12000479	
R-DRY 16000	48	12000480	
R-DRY 18000	48	12000481	
R-DRY 20000	48	12000482	

VALVES		
KIT TYPE	CODE	Gross price EUR
Service kit valve + actuator R-dry 400-1000 BVA/BP	12001447	
Service kit valve + actuator R-dry 1200-1600 BVA/BP	12001448	
Service kit valve + actuator R-dry 2000-3600 BVA/BP	12001449	
Service kit valve + actuator R-dry 4100-5000 BVA/BP	12001450	
Service kit valve + actuator R-dry 6500-7700 BVA/BP	12001451	
Service kit valve + actuator R-dry 10000-14000 BVA/BP	12001452	
Service kit valve + actuator R-dry 16000-20000 BVA/BP	12001453	

START-UP DEVICES			
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	R-DRY 400-780	
DN80	12000486	R-DRY 1000-1600	
DN100	12000487	R-DRY 2000-3600	
DN125	12000488	R-DRY 4100-5000	
DN150	12000489	R-DRY 6500-7700	
DN200	12000490	R-DRY 10000-14000	
DN250	12000491	R-DRY 16000-20000	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
Profibus	2506524	
Profinet	2506525	
Valve position switches R-DRY BP	2506526	
Testing in presence of the customer	2501058	
Comming on site, excluding transport costs	2501059	
Wooden shipping crate for R-DRY from model 400 to 2000	4500377	
Wooden shipping crate for R-DRY from model 2500 to 7700	4500378	
Wooden shipping crate for R-DRY from model 10000 to 20000	4500379	

R-DRY BVL

VACUUM REGENERATED ADSORPTION DRYERS 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

R-DRY BVL MODEL	Connection IN/OUT	Nominal volume flow ¹⁾	Dimensions			Mass	CODE	Gross price Without insulation	CODE	Gross price Insulation
			A	B	C					
	DN	Nm ³ /h	mm	mm	mm	kg		EUR		EUR
R-DRY 400 BVL	DN50	390	1.200	850	2.250	1.400	12000662		3401683	
R-DRY 600 BVL	DN50	590	1.500	900	2.350	1.900	12000663		3401684	
R-DRY 780 BVL	DN50	780	1.750	1.000	2.450	2.300	12000664		3401685	
R-DRY 1000 BVL	DN50	930	1.750	1.250	2.450	2.400	12000665		3401686	
R-DRY 1200 BVL	DN80	1.150	1.900	1.100	2.450	3.000	12000666		3401687	
R-DRY 1600 BVL	DN80	1.600	1.900	1.350	2.500	3.200	12000667		3401688	
R-DRY 2000 BVL	DN100	1.950	2.200	1.150	2.600	4.420	12000668		3401689	
R-DRY 2500 BVL	DN100	2.530	2.350	1.150	2.750	5.000	12000669		3401690	
R-DRY 3000 BVL	DN100	2.990	2.500	1.150	2.750	5.200	12000670		3401691	
R-DRY 3600 BVL	DN100	3.680	2.800	1.350	2.850	6.240	12000671		3401692	
R-DRY 4100 BVL	DN125	4.100	3.000	1.350	2.850	6.700	12000672		3401693	
R-DRY 5000 BVL	DN125	4.990	3.200	1.450	2.950	7.700	12000673		3401694	
R-DRY 6500 BVL	DN150	6.550	3.520	1.750	3.050	9.400	12000674		3401695	
R-DRY 7700 BVL	DN150	7.700	3.700	2.000	3.100	10.300	12000675		3401696	
R-DRY 10000 BVL	DN200	10.250	4.300	2.200	3.550	15.600	12000676		3401697	
R-DRY 12000 BVL	DN200	11.700	4.400	2.500	3.550	-	12000677		3401698	
R-DRY 14000 BVL	DN200	14.800	4.800	2.600	3.650	-	12000678		3401699	
R-DRY 16000 BVL	DN250	16.000	5.000	3.200	3.650	-	12000679		3401700	
R-DRY 18000 BVL	DN250	18.200	5.200	3.500	4.200	-	12000680		3401701	
R-DRY 20000 BVL	DN250	20.200	6.000	3.500	4.350	-	12000681		3401702	

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:

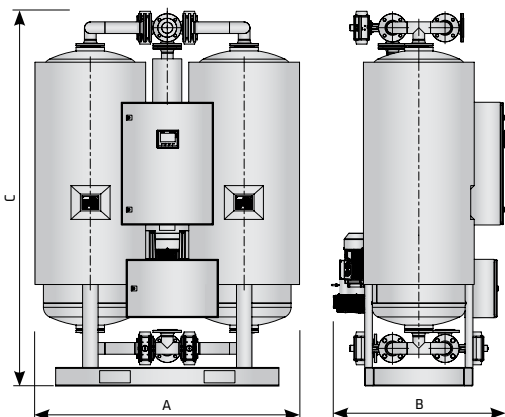
- Standard dew point is -40 °C.
- Dew points -25 °C and -70 °C on request.

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 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

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

SERVICE KITS 12 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY 400	12	12001353	
R-DRY 600	12	12001354	
R-DRY 780	12	12001355	
R-DRY 1000	12	12001356	
R-DRY 1200	12	12001357	
R-DRY 1600	12	12001358	
R-DRY 2000	12	12001359	
R-DRY 2500	12	12001360	
R-DRY 3000	12	12001361	
R-DRY 3600	12	12001362	
R-DRY 4100	12	12001363	
R-DRY 5000	12	12001364	
R-DRY 6500	12	12001365	
R-DRY 7700	12	12001366	
R-DRY 10000	12	12001367	
R-DRY 12000	12	12001368	
R-DRY 14000	12	12001369	
R-DRY 16000	12	12001370	
R-DRY 18000	12	12001371	
R-DRY 20000	12	12001372	

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY 400	24	12000443	
R-DRY 600	24	12000444	
R-DRY 780	24	12000445	
R-DRY 1000	24	12000446	
R-DRY 1200	24	12000447	
R-DRY 1600	24	12000448	
R-DRY 2000	24	12000449	
R-DRY 2500	24	12000450	
R-DRY 3000	24	12000451	
R-DRY 3600	24	12000452	
R-DRY 4100	24	12000453	
R-DRY 5000	24	12000454	
R-DRY 6500	24	12000455	
R-DRY 7700	24	12000456	
R-DRY 10000	24	12000457	
R-DRY 12000	24	12000458	
R-DRY 14000	24	12000459	
R-DRY 16000	24	12000460	
R-DRY 18000	24	12000461	
R-DRY 20000	24	12000462	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY 400	48	12000463	
R-DRY 600	48	12000464	
R-DRY 780	48	12000465	
R-DRY 1000	48	12000466	
R-DRY 1200	48	12000467	
R-DRY 1600	48	12000468	
R-DRY 2000	48	12000469	
R-DRY 2500	48	12000470	
R-DRY 3000	48	12000471	
R-DRY 3600	48	12000472	
R-DRY 4100	48	12000473	
R-DRY 5000	48	12000474	
R-DRY 6500	48	12000475	
R-DRY 7700	48	12000476	
R-DRY 10000	48	12000477	
R-DRY 12000	48	12000478	
R-DRY 14000	48	12000479	
R-DRY 16000	48	12000480	
R-DRY 18000	48	12000481	
R-DRY 20000	48	12000482	

SILENCERS		
SILENCER TYPE	CODE	Gross price EUR
Service kit valve + actuator R-dry 400-1000 BVL	12001454	
Service kit valve + actuator R-dry 1200-1600 BVL	12001455	
Service kit valve + actuator R-dry 2000-3600 BVL	12001456	
Service kit valve + actuator R-dry 4100-5000 BVL	12001457	
Service kit valve + actuator R-dry 6500-7700 BVL	12001458	
Service kit valve + actuator R-dry 10000-14000 BVL	12001459	
Service kit valve + actuator R-dry 16000-20000 BVL	12001460	

START-UP DEVICES			
TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	R-DRY 400-780	
DN80	12000486	R-DRY 1000-1600	
DN100	12000487	R-DRY 2000-3600	
DN125	12000488	R-DRY 4100-5000	
DN150	12000489	R-DRY 6500-7700	
DN200	12000490	R-DRY 10000-14000	
DN250	12000491	R-DRY 16000-20000	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
Profibus	2506524	
Profinet	2506525	
Valve position switches R-DRY BVL	2506526	
Testing in presence of the customer	2501058	
Comming on site, excluding transport costs	2501059	
Wooden shipping crate for R-DRY from model 400 to 2000	4500377	
Wooden shipping crate for R-DRY from model 2500 to 7700	4500378	
Wooden shipping crate for R-DRY from model 10000 to 20000	4500379	

RC-DRY

REGENERATION BY HEAT OF COMPRESSION - FULL STREAM

operating pressure

4-11 bar

INCLUDED

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

*Filters are not mounted.

TECHNICAL DATA & PRICES

RC-DRY MODEL	Connection IN/OUT	Nominal volume flow ¹	Gross price Without insulation	Gross price Insulation
	DN	Nm ³ /h	EUR	EUR
RC-DRY 400	DN50	390		
RC-DRY 600	DN50	590		
RC-DRY 780	DN50	780		
RC-DRY 1000	DN50	930		
RC-DRY 1200	DN80	1.150		
RC-DRY 1600	DN80	1.600		
RC-DRY 2000	DN100	1.950		
RC-DRY 2500	DN100	2.530		
RC-DRY 3000	DN100	2.990		
RC-DRY 3600	DN100	3.680		
RC-DRY 4100	DN125	4.100		
RC-DRY 5000	DN125	4.990		
RC-DRY 6500	DN150	6.550		
RC-DRY 7700	DN150	7.700		
RC-DRY 10000	DN200	10.250		
RC-DRY 12000	DN200	11.700		
RC-DRY 14000	DN200	14.800		
RC-DRY 16000	DN250	16.000		
RC-DRY 18000	DN250	18.200		
RC-DRY 20000	DN250	20.200		

⁽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:

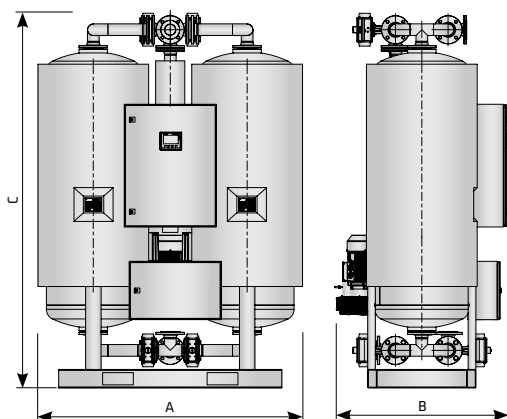
- Standard dew point is -20 °C.
- Dew points -25 °C and -70 °C on request.

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



RC-DRY

SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

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

SERVICE KITS 12 MONTHS		
SERVICE KIT TYPE	Period months	Gross price EUR
RC-DRY 400	12	
RC-DRY 600	12	
RC-DRY 780	12	
RC-DRY 1000	12	
RC-DRY 1200	12	
RC-DRY 1600	12	
RC-DRY 2000	12	
RC-DRY 2500	12	
RC-DRY 3000	12	
RC-DRY 3600	12	
RC-DRY 4100	12	
RC-DRY 5000	12	
RC-DRY 6500	12	
RC-DRY 7700	12	
RC-DRY 10000	12	
RC-DRY 12000	12	
RC-DRY 14000	12	
RC-DRY 16000	12	
RC-DRY 18000	12	
RC-DRY 20000	12	

SERVICE KITS 24 MONTHS		
SERVICE KIT TYPE	Period months	Gross price EUR
RC-DRY 400	24	
RC-DRY 600	24	
RC-DRY 780	24	
RC-DRY 1000	24	
RC-DRY 1200	24	
RC-DRY 1600	24	
RC-DRY 2000	24	
RC-DRY 2500	24	
RC-DRY 3000	24	
RC-DRY 3600	24	
RC-DRY 4100	24	
RC-DRY 5000	24	
RC-DRY 6500	24	
RC-DRY 7700	24	
RC-DRY 10000	24	
RC-DRY 12000	24	
RC-DRY 14000	24	
RC-DRY 16000	24	
RC-DRY 18000	24	
RC-DRY 20000	24	

SERVICE KITS 48 MONTHS		
SERVICE KIT TYPE	Period months	Gross price EUR
RC-DRY 400	48	
RC-DRY 600	48	
RC-DRY 780	48	
RC-DRY 1000	48	
RC-DRY 1200	48	
RC-DRY 1600	48	
RC-DRY 2000	48	
RC-DRY 2500	48	
RC-DRY 3000	48	
RC-DRY 3600	48	
RC-DRY 4100	48	
RC-DRY 5000	48	
RC-DRY 6500	48	
RC-DRY 7700	48	
RC-DRY 10000	48	
RC-DRY 12000	48	
RC-DRY 14000	48	
RC-DRY 16000	48	
RC-DRY 18000	48	
RC-DRY 20000	48	

START-UP DEVICES		
TYPE	FOR DEVICE	Gross price EUR
DN50	RC-DRY 400-780	
DN80	RC-DRY 1000-1600	
DN100	RC-DRY 2000-3600	
DN125	RC-DRY 4100-5000	
DN150	RC-DRY 6500-7700	
DN200	RC-DRY 10000-14000	
DN250	RC-DRY 16000-20000	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
Profibus	2506524	
Profinet	2506525	
Valve position switches RC-DRY	2506526	
Testing in presence of the customer	2501058	
Commissioning on site, excluding transport costs	2501059	
Wooden shipping crate for RC-DRY from model 400 to 2000	4500377	
Wooden shipping crate for RC-DRY from model 2500 to 7700	4500378	
Wooden shipping crate for RC-DRY from model 10000 to 20000	4500379	

R-DRY CO₂

HEAT REGENERATED ADSORPTION DRYER FOR CO₂

operating pressure

4-11 bar**INCLUDED**

- pre-filter* with automatic drain AOK 20B and manometer MDM 40 (R-DRY CO₂ 400-2500), with AOK 20B and MDA 60 (R-DRY CO₂ 3000-20000),
- after-filter* with manual drain MCD and manometer MDM 40 (R-DRY CO₂ 400-2500), MDA 60 (R-DRY CO₂ 3000-20000),
- Siemens Simatic S7 controller.

*Filters are not mounted.

TECHNICAL DATA & PRICES

MODEL	Connection	Nominal volume flow ¹	Dimensions			Mass	CODE	Gross price	CODE	Gross price
	IN/OUT		A	B	C			Without insulation		Insulation
	DN	Nm ³ /h	mm	mm	mm	kg		EUR		EUR
R-DRY CO ₂ 400	DN50	390	1.200	850	2.250	1.000	3203903		3401683	
R-DRY CO ₂ 600	DN50	590	1.500	900	2.350	1.400	3203904		3401684	
R-DRY CO ₂ 780	DN50	780	1.750	1.000	2.450	1.800	3203905		3401685	
R-DRY CO ₂ 1000	DN50	930	1.750	1.250	2.450	1.900	3203906		3401686	
R-DRY CO ₂ 1200	DN80	1.150	1.900	1.100	2.450	2.200	3203907		3401687	
R-DRY CO ₂ 1600	DN80	1.600	1.900	1.350	2.500	2.600	3203908		3401688	
R-DRY CO ₂ 2000	DN100	1.950	2.200	1.150	2.600	3.400	3203909		3401689	
R-DRY CO ₂ 2500	DN100	2.530	2.350	1.150	2.750	3.800	3203910		3401690	
R-DRY CO ₂ 3000	DN100	2.990	2.500	1.150	2.750	4.000	3203911		3401691	
R-DRY CO ₂ 3600	DN100	3.680	2.800	1.350	2.850	4.800	3203912		3401692	
R-DRY CO ₂ 4100	DN125	4.100	3.000	1.350	2.850	5.100	3203913		3401693	
R-DRY CO ₂ 5000	DN125	4.990	3.200	1.450	2.950	5.900	3203914		3401694	
R-DRY CO ₂ 6500	DN150	6.550	3.520	1.750	3.050	7.200	3203915		3401695	
R-DRY CO ₂ 7700	DN150	7.700	3.700	2.000	3.100	7.900	3203916		3401696	
R-DRY CO ₂ 10000	DN200	10.250	4.300	2.200	3.550	12.000	3203917		3401697	
R-DRY CO ₂ 12000	DN200	11.700	4.400	2.500	3.550	14.200	3203918		3401698	
R-DRY CO ₂ 14000	DN200	14.800	4.800	2.600	3.650	16.800	3203919		3401699	
R-DRY CO ₂ 16000	DN200	16.000	5.000	3.200	3.650	18.500	3203920		3401700	
R-DRY CO ₂ 18000	DN250	18.200	5.200	3.500	4.200	20.000	3203921		3401701	
R-DRY CO ₂ 20000	DN250	20.200	6.000	3.500	4.350	23.000	3203922		3401702	

⁽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:

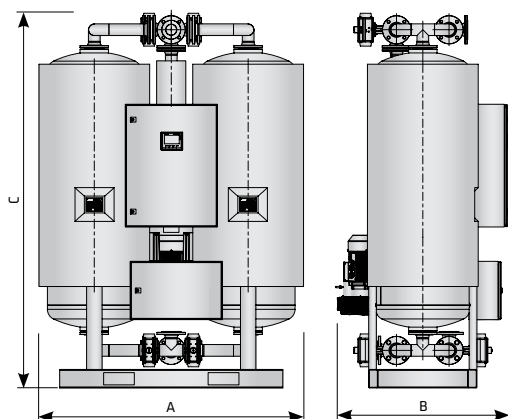
- Standard dew point is -40 °C.
- Dew points -25 °C and -70 °C on request.
- Filter elements should be changed at least once per year.

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 CO₂

SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

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

SERVICE KITS 12 MONTHS				SERVICE KITS 24 MONTHS				SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR	SERVICE KIT TYPE	Period months	CODE	Gross price EUR	SERVICE KIT TYPE	Period months	CODE	Gross price EUR
R-DRY CO ₂ 400	12	12001373		R-DRY CO ₂ 400	24	12001393		R-DRY CO ₂ 400	48	12001422	
R-DRY CO ₂ 600	12	12001374		R-DRY CO ₂ 600	24	12001394		R-DRY CO ₂ 600	48	12001423	
R-DRY CO ₂ 780	12	12001375		R-DRY CO ₂ 780	24	12001395		R-DRY CO ₂ 780	48	12001424	
R-DRY CO ₂ 1000	12	12001376		R-DRY CO ₂ 1000	24	12001396		R-DRY CO ₂ 1000	48	12001425	
R-DRY CO ₂ 1200	12	12001377		R-DRY CO ₂ 1200	24	12001397		R-DRY CO ₂ 1200	48	12001426	
R-DRY CO ₂ 1600	12	12001378		R-DRY CO ₂ 1600	24	12001398		R-DRY CO ₂ 1600	48	12001427	
R-DRY CO ₂ 2000	12	12001379		R-DRY CO ₂ 2000	24	12001399		R-DRY CO ₂ 2000	48	12001428	
R-DRY CO ₂ 2500	12	12001380		R-DRY CO ₂ 2500	24	12001405		R-DRY CO ₂ 2500	48	12001429	
R-DRY CO ₂ 3000	12	12001381		R-DRY CO ₂ 3000	24	12001406		R-DRY CO ₂ 3000	48	12001430	
R-DRY CO ₂ 3600	12	12001382		R-DRY CO ₂ 3600	24	12001407		R-DRY CO ₂ 3600	48	12001431	
R-DRY CO ₂ 4100	12	12001383		R-DRY CO ₂ 4100	24	12001408		R-DRY CO ₂ 4100	48	12001432	
R-DRY CO ₂ 5000	12	12001384		R-DRY CO ₂ 5000	24	12001409		R-DRY CO ₂ 5000	48	12001433	
R-DRY CO ₂ 6500	12	12001385		R-DRY CO ₂ 6500	24	12001410		R-DRY CO ₂ 6500	48	12001434	
R-DRY CO ₂ 7700	12	12001386		R-DRY CO ₂ 7700	24	12001411		R-DRY CO ₂ 7700	48	12001435	
R-DRY CO ₂ 10000	12	12001387		R-DRY CO ₂ 10000	24	12001412		R-DRY CO ₂ 10000	48	12001436	
R-DRY CO ₂ 12000	12	12001388		R-DRY CO ₂ 12000	24	12001413		R-DRY CO ₂ 12000	48	12001437	
R-DRY CO ₂ 14000	12	12001389		R-DRY CO ₂ 14000	24	12001414		R-DRY CO ₂ 14000	48	12001438	
R-DRY CO ₂ 16000	12	12001390		R-DRY CO ₂ 16000	24	12001415		R-DRY CO ₂ 16000	48	12001439	
R-DRY CO ₂ 18000	12	12001391		R-DRY CO ₂ 18000	24	12001416		R-DRY CO ₂ 18000	48	12001440	
R-DRY CO ₂ 20000	12	12001392		R-DRY CO ₂ 20000	24	12001417		R-DRY CO ₂ 20000	48	12001441	

SILENCERS

SILENCER TYPE	CODE	Gross price EUR
Service kit valve + actuator R-DRY CO ₂ 400-1000	12001447	
Service kit valve + actuator R-DRY CO ₂ 1200-1600	12001448	
Service kit valve + actuator R-DRY CO ₂ 2000-3600	12001449	
Service kit valve + actuator R-DRY CO ₂ 4100-5000	12001450	
Service kit valve + actuator R-DRY CO ₂ 6500-7700	12001451	
Service kit valve + actuator R-DRY CO ₂ 10000-14000	12001452	
Service kit valve + actuator R-DRY CO ₂ 16000-20000	12001453	

START-UP DEVICES

TYPE	CODE	FOR DEVICE	Gross price EUR
DN50	12000484	R-DRY CO ₂ 400-780	
DN80	12000486	R-DRY CO ₂ 1000-1600	
DN100	12000487	R-DRY CO ₂ 2000-3600	
DN125	12000488	R-DRY CO ₂ 4100-5000	
DN150	12000489	R-DRY CO ₂ 6500-7700	
DN200	12000490	R-DRY CO ₂ 10000-14000	
DN250	12000491	R-DRY CO ₂ 16000-20000	

OPTIONAL EQUIPMENT

EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Dew point sensor measurement chamber	2505628	
Output 4...20 mA	2506522	
Profibus	2506524	
Profinet	2506525	
Valve position switches R-DRY CO ₂	2506526	
Testing in presence of the customer	2501058	
Commisioning on site, excluding transport costs	2501059	
Wooden shipping crate for R-DRY CO ₂ from model 400 to 2000	4500377	
Wooden shipping crate for R-DRY CO ₂ from model 2500 to 7700	4500378	
Wooden shipping crate for R-DRY CO ₂ from model 10000 to 20000	4500379	

HPR-DRY

HIGH PRESSURE HEAT REGENERATION

operating pressure

50 bar**INCLUDED**

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

TECHNICAL DATA & PRICES

HPR-DRY MODEL	Max. oper. pressure	Connection IN/OUT	CODE	Gross price
	bar	DN		EUR
HPR-DRY 400	50	DN50	12000682	
HPR-DRY 600		DN50	12000683	
HPR-DRY 780		DN50	12000684	
HPR-DRY 1000		DN50	12000685	
HPR-DRY 1200		DN80	12000686	
HPR-DRY 1600		DN80	12000687	
HPR-DRY 2000		DN100	12000688	
HPR-DRY 2500		DN100	12000689	
HPR-DRY 3000		DN100	12000690	
HPR-DRY 3600		DN100	12000691	

⁽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

HPR-DRY

SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 24 months

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

Service kit - 48 months

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

SERVICE KITS 24 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
HPR-DRY 400	24	12000443	
HPR-DRY 600	24	12000444	
HPR-DRY 780	24	12000445	
HPR-DRY 1000	24	12000446	
HPR-DRY 1200	24	12000447	
HPR-DRY 1600	24	12000448	
HPR-DRY 2000	24	12000449	
HPR-DRY 2500	24	12000450	
HPR-DRY 3000	24	12000451	
HPR-DRY 3600	24	12000452	
HPR-DRY 4100	24	12000453	
HPR-DRY 5000	24	12000454	
HPR-DRY 6500	24	12000455	
HPR-DRY 7700	24	12000456	
HPR-DRY 10000	24	12000457	
HPR-DRY 12000	24	12000458	
HPR-DRY 14000	24	12000459	
HPR-DRY 16000	24	12000460	
HPR-DRY 18000	24	12000461	
HPR-DRY 20000	24	12000462	

SERVICE KITS 48 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
HPR-DRY 400	48	12000463	
HPR-DRY 600	48	12000464	
HPR-DRY 780	48	12000465	
HPR-DRY 1000	48	12000466	
HPR-DRY 1200	48	12000467	
HPR-DRY 1600	48	12000468	
HPR-DRY 2000	48	12000469	
HPR-DRY 2500	48	12000470	
HPR-DRY 3000	48	12000471	
HPR-DRY 3600	48	12000472	
HPR-DRY 4100	48	12000473	
HPR-DRY 5000	48	12000474	
HPR-DRY 6500	48	12000475	
HPR-DRY 7700	48	12000476	
HPR-DRY 10000	48	12000477	
HPR-DRY 12000	48	12000478	
HPR-DRY 14000	48	12000479	
HPR-DRY 16000	48	12000480	
HPR-DRY 18000	48	12000481	
HPR-DRY 20000	48	12000482	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Calibration with certificate	4000831	
Dew point sensor measurement chamber	2506187	
Output 4...20 mA	2506522	
WebServer Access	2506523	
Start up device 3/8"	12000819	
Start up device 1/2"	12000820	
Wooden shipping crate for HPR-DRY	4500382	

HP-DRY

HIGH PRESSURE DRYERS

**INCLUDED**

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

operating pressure

50 / 100 / 250 / 420 bar

TECHNICAL DATA & PRICES - 50 bar

HP-DRY MODEL	Connection IN/OUT	Inlet flow ¹	Outlet flow ²	Dimensions			Mass	CODE	Gross price
	"	Nm ³ /h	Nm ³ /h	H mm	W mm	D mm	kg		
HP-DRY 050 PN50	G 3/8	50	48,5	1.200	680	580	130	12000518	
HP-DRY 100 PN50	G 3/8	100	97	1.250	680	580	150	12000519	
HP-DRY 150 PN50	G 3/8	150	145,5	1.550	680	580	170	12000520	
HP-DRY 250 PN50	G 3/8	250	242,5	1.700	820	700	260	12000521	
HP-DRY 350 PN50	G 1/2	350	339,5	1.700	820	700	320	12000522	
HP-DRY 500 PN50	G 1/2	500	485	1.920	820	700	410	12000523	
HP-DRY 650 PN50	G 1/2	650	630,5	2.250	820	700	460	12000524	

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

HP-DRY MODEL	Connection IN/OUT	Inlet flow ¹	Outlet flow ²	Dimensions			Mass	CODE	Gross price
	"	Nm ³ /h	Nm ³ /h	H mm	W mm	D mm	kg		
HP-DRY 050 PN250	G 3/8	50	48,5	1.000	680	450	95	12000533	
HP-DRY 100 PN250	G 3/8	100	97	1.360	680	450	135	12000534	
HP-DRY 150 PN250	G 3/8	150	145,5	1.600	680	450	145	12000535	
HP-DRY 250 PN250	G 3/8	250	242,5	1.500	680	450	180	12000536	
HP-DRY 350 PN250	G 1/2	350	339,5	1.400	820	650	250	12000537	
HP-DRY 500 PN250	G 1/2	500	485	1.500	820	650	300	12000538	
HP-DRY 650 PN250	G 1/2	650	630,5	1.500	820	650	400	12000539	
HP-DRY 800 PN250	G 1/2	800	776	1.550	820	650	460	12000540	
HP-DRY 1000 PN250	G 1/2	1000	970	1.600	820	650	580	12000541	
HP-DRY 1200 PN250	G 1/2	1200	1164	1.550	820	700	620	12000542	
HP-DRY 1400 PN250	G 1/2	1400	1358	1.650	820	700	650	12000543	

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

HP-DRY MODEL	Connection IN/OUT	Inlet flow ¹	Outlet flow ²	Dimensions			Mass	CODE	Gross price
	"	Nm ³ /h	Nm ³ /h	H mm	W mm	D mm	kg		
HP-DRY 050 PN100	G 3/8	50	48,5	1.250	680	580	125	12000525	
HP-DRY 100 PN100	G 3/8	100	97	1.350	680	580	170	12000526	
HP-DRY 150 PN100	G 3/8	150	145,5	1.650	680	580	200	12000527	
HP-DRY 250 PN100	G 3/8	250	242,5	1.550	680	600	210	12000528	
HP-DRY 350 PN100	G 1/2	350	339,5	1.460	820	680	270	12000529	
HP-DRY 500 PN100	G 1/2	500	485	1.700	820	680	290	12000530	
HP-DRY 650 PN100	G 1/2	650	630,5	1.800	820	700	380	12000531	
HP-DRY 800 PN100	G 1/2	800	776	1.850	820	680	480	12000532	

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

HP-DRY MODEL	Connection IN/OUT	Inlet flow ¹	Outlet flow ²	Dimensions			Mass	CODE	Gross price
	"	Nm ³ /h	Nm ³ /h	H mm	W mm	D mm	kg		
HP-DRY 100 PN420	G 3/8	100	97	1.120	680	450	120	12000544	
HP-DRY 150 PN420	G 3/8	150	145,5	1.350	680	450	135	12000545	
HP-DRY 250 PN420	G 3/8	250	242,5	1.450	680	580	190	12000546	
HP-DRY 350 PN420	G 1/2	350	339,5	1.350	820	580	270	12000547	
HP-DRY 500 PN420	G 1/2	500	485	1.380	820	650	310	12000548	
HP-DRY 650 PN420	G 1/2	650	630	1.450	820	650	440	12000549	
HP-DRY 800 PN420	G 1/2	800	776	1.230	820	650	425	12000550	
HP-DRY 1000 PN420	G 1/2	1000	970	1.450	820	650	600	12000551	
HP-DRY 1200 PN420	G 1/2	1200	1164	1.450	1.000	900	850	12000552	
HP-DRY 1400 PN420	G 1/2	1400	1358	1.500	1.000	900	800	12000553	
HP-DRY 1600 PN420	G 1/2	1600	1552	1.450	1.000	900	1.200	12000554	

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 -25 °C and -55 °C on request.

HP-DRY

SERVICE KITS

Service kit - 12 months

- elements
- silencers
- packaging

Service kit - 36 months

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

SERVICE KITS 12 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
HP-DRY 050 PN50	12	12000821	
HP-DRY 100 PN50	12	12000822	
HP-DRY 150 PN50	12	12000823	
HP-DRY 250 PN50	12	12000824	
HP-DRY 350 PN50	12	12000825	
HP-DRY 500 PN50	12	12000826	
HP-DRY 650 PN50	12	12000827	
HP-DRY 050 PN100	12	12000828	
HP-DRY 100 PN100	12	12000829	
HP-DRY 150 PN100	12	12000830	
HP-DRY 250 PN100	12	12000831	
HP-DRY 350 PN100	12	12000832	
HP-DRY 500 PN100	12	12000833	
HP-DRY 650 PN100	12	12000834	
HP-DRY 800 PN100	12	12000835	
HP-DRY 050 PN250	12	12000836	
HP-DRY 100 PN250	12	12000837	
HP-DRY 150 PN250	12	12000838	
HP-DRY 250 PN250	12	12000839	
HP-DRY 350 PN250	12	12000840	
HP-DRY 500 PN250	12	12000841	
HP-DRY 650 PN250	12	12000842	
HP-DRY 800 PN250	12	12000843	
HP-DRY 1000 PN250	12	12000844	
HP-DRY 1200 PN250	12	12000845	
HP-DRY 1400 PN250	12	12000846	
HP-DRY 100 PN420	12	12000847	
HP-DRY 150 PN420	12	12000848	
HP-DRY 250 PN420	12	12000849	
HP-DRY 350 PN420	12	12000850	
HP-DRY 500 PN420	12	12000851	
HP-DRY 650 PN420	12	12000852	
HP-DRY 800 PN420	12	12000853	
HP-DRY 1000 PN420	12	12000854	
HP-DRY 1200 PN420	12	12000855	
HP-DRY 1400 PN420	12	12000856	
HP-DRY 1600 PN420	12	12000857	

SERVICE KITS 36 MONTHS			
SERVICE KIT TYPE	Period months	CODE	Gross price EUR
HP-DRY 050 PN50	36	12000858	
HP-DRY 100 PN50	36	12000859	
HP-DRY 150 PN50	36	12000860	
HP-DRY 250 PN50	36	12000861	
HP-DRY 350 PN50	36	12000862	
HP-DRY 500 PN50	36	12000863	
HP-DRY 650 PN50	36	12000864	
HP-DRY 050 PN100	36	12000865	
HP-DRY 100 PN100	36	12000866	
HP-DRY 150 PN100	36	12000867	
HP-DRY 250 PN100	36	12000868	
HP-DRY 350 PN100	36	12000869	
HP-DRY 500 PN100	36	12000870	
HP-DRY 650 PN100	36	12000871	
HP-DRY 800 PN100	36	12000872	
HP-DRY 050 PN250	36	12000873	
HP-DRY 100 PN250	36	12000874	
HP-DRY 150 PN250	36	12000875	
HP-DRY 250 PN250	36	12000876	
HP-DRY 350 PN250	36	12000877	
HP-DRY 500 PN250	36	12000878	
HP-DRY 650 PN250	36	12000879	
HP-DRY 800 PN250	36	12000880	
HP-DRY 1000 PN250	36	12000881	
HP-DRY 1200 PN250	36	12000882	
HP-DRY 1400 PN250	36	12000883	
HP-DRY 100 PN420	36	12000884	
HP-DRY 150 PN420	36	12000885	
HP-DRY 250 PN420	36	12000886	
HP-DRY 350 PN420	36	12000887	
HP-DRY 500 PN420	36	12000888	
HP-DRY 650 PN420	36	12000889	
HP-DRY 800 PN420	36	12000890	
HP-DRY 1000 PN420	36	12000891	
HP-DRY 1200 PN420	36	12000892	
HP-DRY 1400 PN420	36	12000893	
HP-DRY 1600 PN420	36	12000894	

OPTIONAL EQUIPMENT		
EQUIPMENT TYPE	CODE	Gross price EUR
Dew point sensor Easidew	2505872	
Calibration with certificate	4000831	
Dew point sensor measurement chamber	2506187	
Output 4...20 mA	2506522	
WebServer Access	2506523	
Start up device 3/8"	12000819	
Start up device 1/2"	12000820	
Wooden shipping crate for HP-DRY	/	

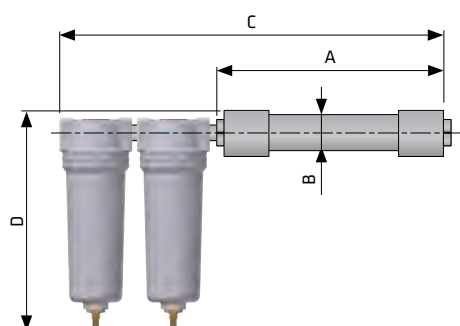
M-DRY

MEMBRANE DRYERS

operating pressure

12 bar**INCLUDED**

- pre-filter M with automatic drain AOK 16B and manometer PDI 16,
- pre-filter S with automatic drain AOK 16B and manometer PDI 16.



TECHNICAL DATA & PRICES

M-DRY model	Pipe size	Operating pressure	Flow rate *		Dimensions				CODE	Gross price
	inch		Nm³/h	scfm	A mm	B mm	C mm	D mm		
M-DRY 3	1/4	12	3	1,8	224	43,7	325	175	3505377	
M-DRY 6	1/4	12	6	3,5	325	43,7	453	175	3505378	
M-DRY 9	1/4	12	9	5,3	427	43,7	555	175	3505379	
M-DRY 12	1/4	12	12	7,1	503	43,7	611	175	3505380	
M-DRY 18	1/2	12	18	10,6	312	61	476	208	3505381	
M-DRY 24	1/2	12	24	14,1	376	61	540	208	3505382	
M-DRY 32	1/2	12	36	21,2	465	61	661	208	3505383	
M-DRY 44	1/2	12	48	28,3	592	61	788	208	3505384	
M-DRY 63	1/2	12	63	37,1	411	89	607	208	3506892	
M-DRY 90	1/2	12	90	53	551	89	755	284	3506893	
M-DRY 123	1/2	12	123	72,4	551	89	577	284	3506894	
M-DRY 180	1/2	12	180	106,6	607	114	1.805	290	3506895	

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

REMARK:

- Prices includes complete kit.

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****MFP**

Membrane model	M-DRY model	CODE	Gross Price (for membrane only)
			EUR
MFP 3	M-DRY 3	3505369	
MFP 6	M-DRY 6	3505370	
MFP 9	M-DRY 9	3505371	
MFP 12	M-DRY 12	3505372	
MFP 18	M-DRY 18	3505373	
MFP 24	M-DRY 24	3505374	
MFP 32	M-DRY 32	3505375	
MFP 44	M-DRY 44	3505376	
MFP 63	M-DRY 63	3506888	
MFP 90	M-DRY 90	3506889	
MFP 123	M-DRY 123	3506890	
MFP 180	M-DRY 180	3506891	

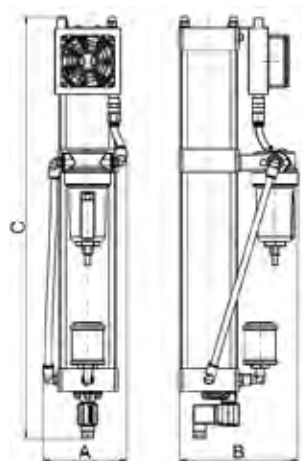
REMARK:

- Prices only for membrane.

PICO-DRY

HEATLESS REGENERATED ADSORPTION DRYER (PISTON COMPRESSOR)

operating pressure

16 bar

TECHNICAL DATA & PRICES

Model	Connection IN/ OUT	Operating pressure	Inlet flow rate ⁽¹⁾	Outlet flow rate ⁽²⁾	Dimensions				Mass	Filter type	CODE	Gross price
	inch				A	B	C	D				
PICO-DRY 06	G 3/8"	16 bar	6	/ *	339	280	100	354	10,5	AAF 0026	12000290	
PICO-DRY 12	G 3/8"	16 bar	12	/ *	573	280	100	354	13,5	AAF 0026	12000291	

⁽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 months

- elements
- silencers
- packaging

Service kit - 24 months

- elements
- silencers
- valves
- packaging
- sealings

Service kit - 48 months

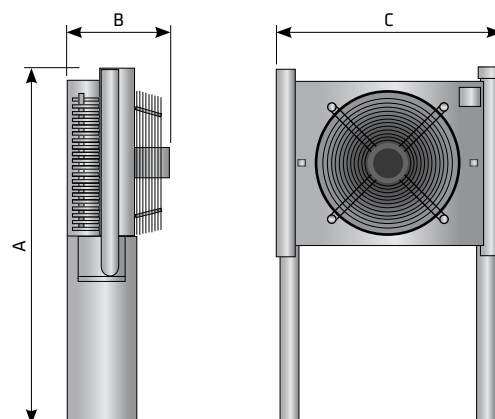
- elements
- silencers
- valves
- adsorbent
- packaging
- sealings

SERVICE KITS

SERVICE KIT TYPE	CODE	Gross price EUR
PICO-DRY 06-12 (12/36/60/72 month replacement kits)	12000292	
PICO-DRY 06-12 (24 month replacement kit)	12000293	
PICO-DRY 06 (48 month replacement kit)	12000296	
PICO-DRY 12 (48 month replacement kit)	12000297	

ACA**AIR COOLED AFTERCOOLERS**

operating pressure

15 bar**TECHNICAL DATA & PRICES**

Model	Flow rate		Pipe size	Power supply	Fan	Dimensions			Mass	CODE	Gross price
	fixed bundle	Nm³/h	scfm			A	B	C			
				inch/DN	ph/V/Hz	ø mm/ W	mm	mm	mm	kg	EUR
ACA 003		66	39	G 1	1/230/50	ø250-45W	850	300	715	19	3506896
ACA 007		126	74	G 1	1/230/50	ø250-45W	850	300	715	20	3506897
ACA 010		222	131	G 1 1/2	3/400/50	ø350-110W	990	310	845	27	3506898
ACA 018		294	173	G 1 1/2	3/400/50	ø400-130W	990	310	845	29	3506899
ACA 030		390	230	G 2	3/400/50	ø500-750W	1.175	440	980	44	3506900
ACA 047		522	307	G 2	3/400/50	ø500-750W	1.175	440	980	48	3506901
ACA 070		774	456	G 2	3/400/50	ø600-370W	1.325	490	1.130	61	3506902
ACA 094		990	583	G 2 1/2	3/400/50	ø600-370W	1.325	490	1.130	66	3506903
ACA 150		1260	742	DN100	3/400/50	ø800-1470W	1.800	660	1.590	127	3506904
ACA 175		1560	918	DN100	3/400/50	ø800-1470W	1.800	660	1.590	143	3506905
ACA 240		1890	1112	DN100	3/400/50	ø800-1470W	1.800	790	1.560	148	3506906
ACA 300		2520	1483	DN100	3/400/50	ø800-1470W	2.000	795	1.740	166	3506907
ACA 450		3090	1819	DN125	3/400/50	2x ø800-1470W	2.090	830	1.850	212	3506908
ACA 600		4500	2649	DN125	3/400/50	2x ø800-1470W	2.300	850	2.010	315	3506909

REMARK:

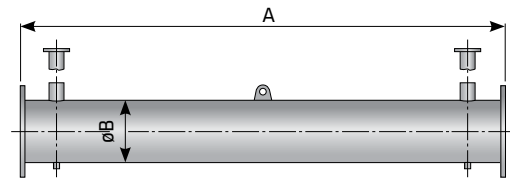
- The compressed air is cooled down to approximately 10 °C above the ambient temperature.

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	1,05	1,25	1,38	1,50	1,75	1,88	2,0

ACW**WATER COOLED AFTERCOOLERS**

operating pressure

10 bar**TECHNICAL DATA & PRICES**

ACW Model fixed bundle	Connections		Flow capacity ⁽¹⁾		Operating pressure bar	Dimensions		CODE	Gross price EUR
	Air	Water	Nm ³ /h	scfm		A mm	B mm		
ACW 010 F	DN50	DN20	132	78	10	806	60,3	3506910	
ACW 018 F	DN50	DN20	235	138	10	816	60,3	3506911	
ACW 030 F	DN50	DN20	367	216	10	816	60,3	3506912	
ACW 047 F	DN50	DN20	661	389	10	870	60,3	3506913	
ACW 070 F	DN50	DN20	955	562	10	870	60,3	3506914	
ACW 094 F	DN80	DN20	1.323	779	10	1.500	88,9	3506915	
ACW 150 F	DN80	DN20	2.205	1.298	10	1.510	88,9	3506916	
ACW 200 F	DN100	DN40	2.650	1.560	10	1.500	114,3	3509883	
ACW 240 F	DN125	DN32	3.087	1.817	10	1.300	139,7	3506917	
ACW 300 F	DN125	DN32	3.969	2.336	10	1.300	139,7	3506918	
ACW 375 F	DN150	DN65	5.200	3.060	10	1.300	168,3	3509884	
ACW 450 F	DN200	DN50	7.056	4.153	10	1.300	219	3506919	
ACW 600 F	DN200	DN65	8.967	5.278	10	1.300	219	3506920	
ACW 900 F	DN250	DN80	11.025	6.489	10	1.300	273	3506921	
ACW 1200 F	DN300	DN80	16.170	9.517	10	1.300	323,9	3506922	
ACW 1500 F	DN400	DN100	22.050	12.978	10	1.300	406	3506923	
ACW 1800 F	DN400	DN150	26.460	15.574	10	1.300	406	3506924	
ACW 2500 F	DN450	DN200	33.810	19.900	10	1.300	457	3506925	
ACW 3000 F	DN500	DN200	45.570	26.821	10	1.300	508	3506926	

CORRECTION FACTOR

Operat. pressure [bar]	2	3	4	5	6	7	8	9	10
Operat. pressure [psi]	29	44	58	72	87	100	115	130	145
Correction factor	0,38	0,50	0,77	0,86	0,93	1,00	1,05	1,25	1,38

TAC

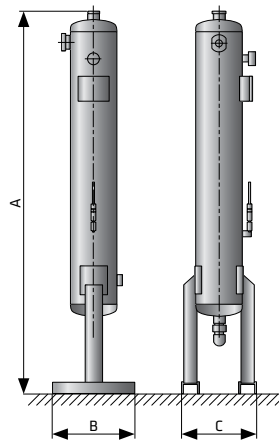
ACTIVATED CARBON TOWER

operating pressure

16 bar

REMARK:

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


TECHNICAL DATA & PRICES

TAC model	Pipe size inch	Operating pressure bar	Flow rate at 7 bar(g), 20 °C		Dimensions			Mass kg	CODE	Gross price EUR
			Nm³/h	scfm	A mm	B mm	C mm			
TACm 6	3/8	16	6	3,5	492	164	130	4	3505435	
TACm 12	3/8	16	12	7,1	687	164	130	5,5	3505436	
TACm 23	3/8	16	24	14,1	1.077	164	130	8,2	3505437	
TACm 35	3/8	16	36	21,1	1.466	164	130	11,1	3505438	
TACm 56	1/2	16	60	35,3	1.082	212	160	17,4	3505439	
TACm 70	1/2	16	75	41,1	1.277	212	160	20,3	3505440	
TACm 105	1/2	16	117	61,8	1.677	212	160	26	3505441	
TACm 150	1	16	150	88,9	1.393	328	240	50	3513510	
TACm 200	1	16	200	117,7	1.608	328	240	57,5	3508073	
TAC 110	1	16	110	86	1.522	350	252	45	3510123	
TAC 150	1	16	150	117	1.766	350	252	52	3510124	
TAC 200	1	16	200	157	1.532	400	303	71	3510125	
TAC 250	1	16	260	204	1.784	400	303	83	3510126	
TAC 300	1 1/2	16	320	251	1.551	450	357	97	3510127	
TAC 400	1 1/2	16	410	321	1.798	450	357	114	3510128	
TAC 600	1 1/2	16	590	462	1.893	650	424	160	3510129	
TAC 800	2	16	770	603	1.877	650	468	201	3510130	
TAC 1000	2	16	1.000	784	1.961	650	506	242	3509901	
TAC 1200 F	DN50	16	1.200	936	2.170	550	550	280	3509902	
TAC 1500 F	DN65	16	1.500	1.170	2.210	620	620	355	3509903	
TAC 2000 F	DN65	16	2.000	1.560	2.330	700	700	420	3509904	
TAC 2500 F	DN80	16	2.500	1.950	2.260	760	760	510	3509905	
TAC 3000 F	DN80	16	3.000	2.340	2.400	800	800	595	3509906	
TAC 3750 F	DN100	16	3.750	2.925	2.490	920	920	745	3509907	
TAC 5000 F	DN100	16	5.000	3.900	2.600	1.050	1.050	960	3509908	
TAC 6500 F	DN125	16	6.500	5.070	2.730	1.150	1.150	1.300	3509909	

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

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

SERVIS KITS

TAC model	CODE	Gross price EUR
TACm 6	3505985	
TACm 12	3505986	
TACm 23	3505987	
TACm 35	3505988	
TACm 56	3505989	
TACm 70	3505990	
TACm 105	3505991	
TACm 150	3513527	
TACm 200	3513528	
TAC 110	3510131	
TAC 150	3510132	
TAC 200	3510133	
TAC 250	3510134	
TAC 300	3510135	
TAC 400	3510136	
TAC 600	3510137	
TAC 800	3510138	
TAC 1000	3509910	
TAC 1200 F	3509911	
TAC 1500 F	3509912	
TAC 2000 F	3509913	
TAC 2500 F	3509914	
TAC 3000 F	3509915	
TAC 3750 F	3509916	
TAC 5000 F	3509917	
TAC 6500 F	3509918	

**ACCESSORIES
FOR TAC/TAC F**


OCI



OCI servis kit

Gross Price [EUR]

CORRECTION FACTORS

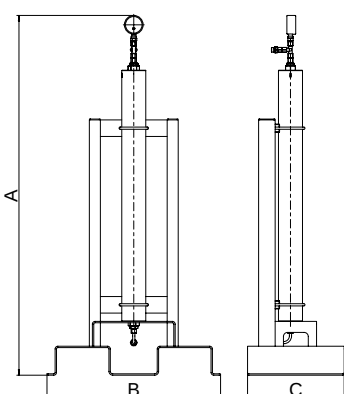
Operating temperature [°C]	20	25	30	35	40	45
Correction factor	1	0,98	0,97	0,92	0,86	0,75

TAC HP

HIGH PRESSURE ACTIVATED CARBON TOWER

operating pressure

50 / 100 / 250 / 420 bar



TECHNICAL DATA & PRICES										
TAC HP model	Pipe size	Operating pressure	Flow rate		Dimensions			Mass	CODE	Gross price
	inch	bar	Nm ³ /h	scfm	A mm	B mm	C mm	kg		EUR
TAC HP 50 PN50	3/8	50	50	49	1.200	340	580	52	12000692	
TAC HP 100 PN50	3/8		100	97	1.250	340	580	60	12000693	
TAC HP 150 PN50	3/8		150	146	1.550	340	580	68	12000694	
TAC HP 250 PN50	3/8		250	243	1.700	410	700	104	12000695	
TAC HP 350 PN50	1/2		350	340	1.700	410	700	128	12000696	
TAC HP 500 PN50	1/2		500	485	1.920	410	700	164	12000697	
TAC HP 650 PN50	1/2	100	650	631	2.250	410	700	184	12000698	
TAC HP 50 PN100	3/8		50	49	1.250	340	580	50	12000699	
TAC HP 100 PN100	3/8		100	97	1.350	340	580	68	12000700	
TAC HP 150 PN100	3/8		150	146	1.650	340	580	80	12000701	
TAC HP 250 PN100	3/8		250	243	1.550	340	600	84	12000702	
TAC HP 350 PN100	1/2		350	340	1.460	410	680	108	12000703	
TAC HP 500 PN100	1/2	250	500	485	1.700	410	680	116	12000704	
TAC HP 650 PN100	1/2		650	631	1.800	410	700	152	12000705	
TAC HP 800 PN100	1/2		800	776	1.850	410	680	192	12000706	
TAC HP 50 PN250	3/8		50	49	1.000	340	450	38	12000707	
TAC HP 100 PN250	3/8		100	97	1.360	340	450	54	12000708	
TAC HP 150 PN250	3/8		150	146	1.600	340	450	58	12000709	
TAC HP 250 PN250	3/8	420	250	243	1.500	340	450	72	12000710	
TAC HP 350 PN250	1/2		350	340	1.500	410	650	120	12000711	
TAC HP 500 PN250	1/2		500	485	1.500	410	650	112	12000712	
TAC HP 650 PN250	1/2		650	631	1.500	410	650	160	12000713	
TAC HP 800 PN250	1/2		800	776	1.550	410	650	184	12000714	
TAC HP 1000 PN250	1/2		1.000	970	1.600	410	650	232	12000715	
TAC HP 1200 PN250	1/2	420	1.200	1164	1.550	410	700	248	12000716	
TAC HP 1400 PN250	1/2		1.400	1358	1.650	410	700	260	12000717	
TAC HP 100 PN420	3/8		100	97	1.120	340	450	48	12000718	
TAC HP 150 PN420	3/8		150	146	1.360	340	450	54	12000719	
TAC HP 250 PN420	3/8		250	243	1.450	340	580	76	12000720	
TAC HP 350 PN420	1/2		250	340	1.350	410	580	108	12000721	
TAC HP 500 PN420	1/2	420	500	485	1.380	410	650	124	12000722	
TAC HP 650 PN420	1/2		650	631	1.450	410	650	176	12000723	
TAC HP 800 PN420	1/2		800	776	1.230	410	650	170	12000724	
TAC HP 1000 PN420	1/2		1.000	970	1.450	410	650	240	12000725	
TAC HP 1200 PN420	1/2		1.200	1.164	1.450	500	900	340	12000726	
TAC HP 1400 PN420	1/2		1.400	1.358	1.500	500	900	320	12000727	
TAC HP 1600 PN420	1/2		1.600	1.552	1.450	500	900	480	12000728	

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

TAC HP SERVICE KITS		
TAC HP model	CODE	Gross price EUR
TAC HP 50 PN50	3402600	
TAC HP 100 PN50	3402601	
TAC HP 150 PN50	3402602	
TAC HP 250 PN50	3402603	
TAC HP 350 PN50	3402604	
TAC HP 500 PN50	3402605	
TAC HP 650 PN50	3402606	
TAC HP 50 PN100	3402607	
TAC HP 100 PN100	3402608	
TAC HP 150 PN100	3402609	
TAC HP 250 PN100	3402610	
TAC HP 350 PN100	3402611	
TAC HP 500 PN100	3402612	
TAC HP 650 PN100	3402613	
TAC HP 800 PN100	3402614	
TAC HP 50 PN250	3402615	
TAC HP 100 PN250	3402616	
TAC HP 150 PN250	3402617	
TAC HP 250 PN250	3402618	
TAC HP 350 PN250	3402619	
TAC HP 500 PN250	3402620	
TAC HP 650 PN250	3402621	
TAC HP 800 PN250	3402622	
TAC HP 1000 PN250	3402623	
TAC HP 1200 PN250	3402624	
TAC HP 1400 PN250	3402625	
TAC HP 100 PN420	3402626	
TAC HP 150 PN420	3402627	
TAC HP 250 PN420	3402628	
TAC HP 350 PN420	3402629	
TAC HP 500 PN420	3402630	
TAC HP 650 PN420	3402631	
TAC HP 800 PN420	3402632	
TAC HP 1000 PN420	3402633	
TAC HP 1200 PN420	3402634	
TAC HP 1400 PN420	3402635	
TAC HP 1600 PN420	3402636	

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 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 TEMPERATURE

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

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 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

A-CAT

OIL VAPOURS CATALYSATOR

operating pressure

4-11 bar**INCLUDED**

- pre-filter with automatic drain AOK 16B and manometer MDM 40,
- after-filter with manual drain MCD and manometer MDM 40.

TECHNICAL DATA & PRICES

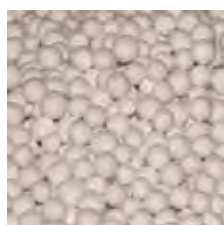
A-CAT model	Connection In/Out	Inlet flow rate ¹ Nm ³ /h	Heater power kW	CODE	Gross price EUR
A-CAT 100	DN15	100	1,5	12000809	
A-CAT 200	DN25	200	3	12000810	
A-CAT 300	DN32	300	4	12000811	
A-CAT 400	DN40	400	5	12000812	
A-CAT 600	DN50	600	7,5	12000813	
A-CAT 800	DN50	800	11	12000814	
A-CAT 1100	DN65	1.100	15	12000815	
A-CAT 1500	DN80	1.500	20	12000816	
A-CAT 2000	DN100	2.000	25	12000817	
A-CAT 2500	DN100	2.500	32	12000818	

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



SORBEO

ADSORBENTS



SORBEO MS 3A - Molecular sieve

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



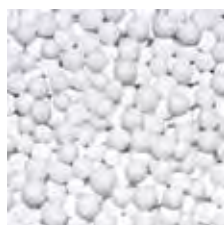
SORBEO MS 4A - Molecular sieve

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



SORBEO MS 10A - Molecular sieve

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



SORBEO AA - Activated Alumina

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

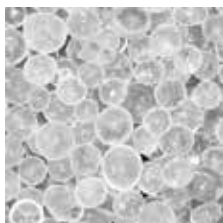


SORBEO SGWS - Water resistant silica gel

Model	Shape	Bulk density	Package	Mass	CODE	Gross price EUR
SORBEO SGWS-S	Granule 2,0 mm - 5,0 mm	0,7 kg/l	5,8 L container	4 kg	3701452	
SORBEO SGWS-M			16,6 L container	12 kg	3701453	
SORBEO SGWS-L			35,4 L container	27 kg	3701454	
SORBEO SGWS-XL			220 L barrel	170 kg	3701455	
SORBEO SGWS-XXL			Big bag	907 kg	3701456	

**SORBEO SGW - Silica Gel**

Model	Shape	Bulk density	Package	Mass	CODE	Gross price EUR
SORBEO SGW-S	Granule 2,0 mm - 5,0 mm	0,45 kg/l	5,8 L container	2,5 kg	3701138	
SORBEO SGW-M			16,6 L container	7 kg	3701139	
SORBEO SGW-L			35,4 L container	15 kg	3701140	
SORBEO SGW-XL			220 L barrel	100 kg	3701141	
SORBEO SGW-XXL			4x barrel	400 kg	3701142	

**SORBEO SGR - Silica Gel**

Model	Shape	Bulk density	Package	Mass	CODE	Gross price EUR
SORBEO SGR-S	Granule 2,0 mm - 5,0 mm	0,7 kg/l	5,8 L container	4 kg	3701143	
SORBEO SGR-M			16,6 L container	11,5 kg	3701144	
SORBEO SGR-L			35,4 L container	24 kg	3701145	
SORBEO SGR-XL			220 L barrel	150 kg	3701146	
SORBEO SGR-XXL			Big bag	500 kg	3701147	

**SORBEO AC - Activated Carbon**

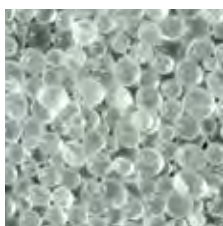
Model	Shape	Bulk density	Package	Mass	CODE	Gross price EUR
SORBEO AC-S	Pellet 3 mm	0,5 kg/l	5,8 L container	2,7 kg	3701128	
SORBEO AC-M			16,6 L container	7,8 kg	3701129	
SORBEO AC-L			35,4 L container	16,5 kg	3701130	
SORBEO AC-XL			220 L barrel	103 kg	3701131	

**SORBEO HC - Catalyst**

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

**SORBEO CMS - Carbon Molecular Sieve**

Model	Shape	Bulk density	Package	Mass	CODE	Gross price EUR
SORBEO CMS-S	Pellets 1,8 ± 0,2 mm	0,68 - 0,73 kg/l	5,8 L container	4 kg	3701370	
SORBEO CMS-M			16,6 L container	11 kg	3701371	
SORBEO CMS-L			35,4 L container	24 kg	3701372	
SORBEO CMS-XL			220 L barrel	137 kg	3701373	

**SORBEO SGC - Silica gel**

Model	Shape	Bulk density	Package	Mass	CODE	Gross price EUR
SORBEO SGC-S	Granulate 2-5 mm	0,8 kg/l	5,8 L container	4,8 kg	3701360	
SORBEO SGC-M			16,6 L container	11,5 kg	3701361	
SORBEO SGC-L			35,4 L container	24 kg	3701362	
SORBEO SGC-XL			220 L barrel	150 kg	3701363	

**SORBEO SL - Soda lime**

Model	Shape	Bulk density	Package	Mass	CODE	Gross price EUR
SORBEO SL-S	Hemispherical pellet	0,93 kg/l	5,8 L container	5,3 kg	3701585	
SORBEO SL-M			16,6 L container	15,4 kg	3701586	
SORBEO SL-L			35,4 L container	32,9 kg	3701587	
SORBEO SL-XL			220 L barrel	204,6 kg	3701588	

**SORBEO BTN - Bentonite**

Model	Shape	Bulk density	Package	Mass	CODE	Gross price EUR
SORBEO BTN-S	Powder	0,9 kg/l	5,8 L container	5,22 kg	3701581	
SORBEO BTN-M			16,6 L container	14,9 kg	3701582	
SORBEO BTN-L			35,4 L container	31,8 kg	3701583	
SORBEO BTN-XL			220 L barrel	198 kg	3701584	

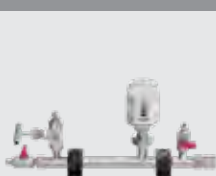
OS**MEASURING EQUIPMENT**

DISPLAY/ DATA LOGGER	OS 330 Display	OS 330 Display with 2 additional analog inputs	OS 331 Data logger	OS 331 Data logger with 2 additional analog inputs	
					
	Code: 4000924 Gross Price: EUR	Code: 4000950 Gross Price: EUR	Code: 4000860 Gross Price: EUR	Code: 4000951 Gross Price: EUR	
DEW POINT SENSOR	OS 215	OS 220	OS MC Measuring chamber for OS 215 & OS 220		
					
	Code: 4000803 Gross Price: EUR	Code: 4000802 Gross Price: EUR	Code: 4000871 Gross Price: EUR		
ECONOMIC FLOW/ CONSUMPTION SENSOR	OS 401	OS 421 G 3/8"	OS 421 G 1/2"	OS 421 G 3/4"	OS 421 G 1"
					
	Code: 4000804 Gross Price: EUR	Code: 4000814 Gross Price: EUR	Code: 4000815 Gross Price: EUR	Code: 4000816 Gross Price: EUR	Code: 4000817 Gross Price: EUR
	OS 421 G 1 1/2"	OS 421 G 2"	OS 421 G 2 1/2"	OS 421 G 3"	OS DSPS Built in display & power supply option for OS401/421
					
	Code: 4000818 Gross Price: EUR	Code: 4000819 Gross Price: EUR	Code: 4000820 Gross Price: EUR	Code: 4000821 Gross Price: EUR	Code: 4000902 Gross Price: EUR
THERMAL MASS FLOW METER	OS 415 DN8	OS 415 DN15	OS 415 DN20	OS 415 DN25	OS 418 DN8
					
	Code: 4001105 Gross Price: EUR	Code: 4001106 Gross Price: EUR	Code: 4001107 Gross Price: EUR	Code: 4001108 Gross Price: EUR	Code: 4001110 Gross Price: EUR

	OS 418  Code: 4001111 Gross Price: EUR	OS 418  Code: 4001112 Gross Price: EUR	OS 418  Code: 4001113 Gross Price: EUR		
PRESSURE SENSOR	OS 16  Code: 4000824 Gross Price: EUR	OS 40  Code: 4000825 Gross Price: EUR			
TEMPERATURE SENSOR	OS TS  Code: 4000988 Gross Price: EUR				
OIL SENSOR	OS 120 oil sensor  Code: 4000828 Gross Price: EUR				
PARTICLE COUNTER	OS 130 A laser particle counter  Code: 4000983 Gross Price: EUR	OS 130 B laser particle counter  Code: 4000984 Gross Price: EUR	OS 130 C laser particle counter  Code: 4000985 Gross Price: EUR	OS 130 D laser particle counter  Code: 4000986 Gross Price: EUR	OS 130 E laser particle counter  Code: 4000987 Gross Price: EUR

COMPRESSED AIR
PURITY ANALYSER**OS 600**
compressed air purity analyser

Code: 4000975 Gross Price: 40.025,80 EUR

OS ISD
isokinetic sampling device

Code: 4000989 Gross Price: 2.920,05 EUR

PORTABLE EQUIPMENT

OS 551-P6 set
portable data logger, sensors:
flow, dew point, pressure

16 bar



Code: 4000861 Gross Price: 13.235,50 EUR

OS 530
portable leak detector for
pressurized systems

Code: 4000830 Gross Price: 2.281,45 EUR

OS 505 set
Sensor A only

Code: 4000940 Gross Price: 4.032,45 EUR

OS 505 set
Sensor B only

Code: 4000941 Gross Price: 4.717,40 EUR

OS 505 set
Sensor A and B

Code: 4000942 Gross Price: 5.356,00 EUR

AFTER MARKET

OS 120
General service and
recalibration

Code: 4000960 Gross Price: 1.349,30 EUR

OS TC
Transport case for cables and
sensors

Code: 4000955 Gross Price: 448,05 EUR

OS 220
Dew point sensor calibration
with certificate

Code: 4000831 Gross Price: 612,85 EUR

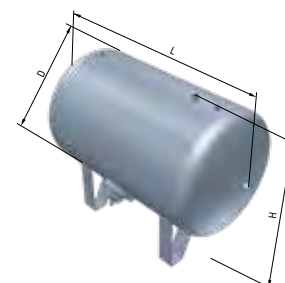
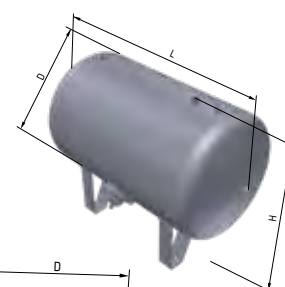
PRESSURE VESSELS - STANDARD PRESSURE

operating pressure

11 bar

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

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

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



PV SK

SERVICE KITS FOR PRESSURE VESSELS

Model	For models	Includes	CODE	Gross Price
				EUR
KITAC05	PV200-900	- safety valve G 3/8" CE certified - axial pressure gauge Ø 63 mm with G 1/4" coupling	2056368	
KITAC06	PV1000-10000	- safety valve G 1" CE certified - axial pressure gauge Ø 63 mm with G 1/4" coupling - valve with pressure flange G 1/4" - manual drain valve G 1 1/4"	2056369	

PP**PAINTING AIR FILTRATION SYSTEMS**

operating pressure

16 bar**TECHNICAL DATA & PRICES**

PP 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	Sterile filter with active carbon SFA	Adsorption dryer A-DRY 105	Pressure regulator	Quick coupling No.	CODE	Gross Price
				A mm	B mm	C mm										
PP-107	1/2	78	46	270	135	276	✓						✓	2	3700450	
PP-110	1/2	120	71	270	135	345	✓						✓	2	3700451	
PP-207	1/2	78	46	380	135	276	✓	✓					✓	2	3700452	
PP-210	1/2	120	71	380	135	345	✓	✓					✓	2	3700453	
PP-307	1/2	78	46	490	135	276	✓	✓	✓				✓	2	3700454	
PP-310	1/2	120	71	490	135	345	✓	✓	✓				✓	2	3700455	
PP-407	1/2	78	46	580	135	276		✓	✓	✓			✓	4	3700456	
PP-410	1/2	120	71	580	135	345		✓	✓	✓			✓	4	3700457	
PP-507	1/2	78	46	612	135	370		✓	✓		✓		✓	4	3700458	
PP-510	1/2	120	71	612	135	440		✓	✓		✓		✓	4	3700459	
PP-607	1/2	78	46	1.150	335	917		✓	✓		✓	✓	✓	4	3700460	
PP-610	1/2	120	71	1.150	335	917		✓	✓		✓		□	4	3700461	

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

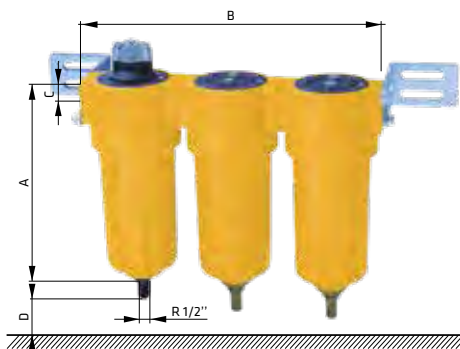
FILTER ELEMENTS

						
			0,1 µm	0,01 µm	0,01 µm	
			M microfilter	S finefilter	A activated carbon	CKL-PP separator
			borosilicate micro fibres		borosil. micro fibres activated carbon	stainless steel, PA
Filter element type	Flow rate Nm³/h	Corresponding housing	Gross Price			Gross Price
			EUR			EUR
07050	78	PP-07				
14050	120	PP-10				

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 EUR
		Nm³/h	scfm	A mm	B mm	C mm	D mm				
B-AIR 0076	1/2	78	46	187	88	20	60	3x0,47	07050	3504422	
B-AIR 0106	3/4	120	70	257	88	20	80	3x0,6	14050	3504423	
B-AIR 0186	1	198	116	263	125	32	100	3x1,57	12075	3504424	
B-AIR 0306	1	335	197	363	125	32	120	3x2,2	22075	3504425	
B-AIR 0476	1 1/2	510	300	461	125	32	140	3x2,8	32075	3504426	
B-AIR 0706	1 1/2	780	459	640	125	32	160	3x3,9	50075	3504427	

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



0,01 µm


S
finefilter

H²
catalyst

A²
adsorption

borosilicate micro fibres

hopcalite

borosil. 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			
14050	120	B-AIR 0106			
12075	198	B-AIR 0186			
22075	335	B-AIR 0306			
32075	510	B-AIR 0476			
50075	780	B-AIR 0706			

CONDENSATE DRAINS



MCD



AOK 16B

Gross Price [EUR]

DIFFERENTIAL PRESSURE INDICATORS



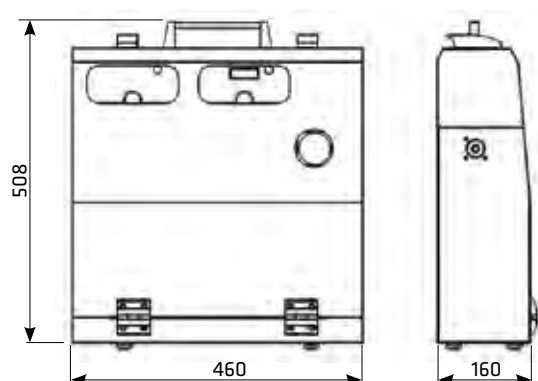
PDI 16

Gross Price [EUR]

B-AIR plus

PORTABLE BREATHING AIR FILTRATION SYSTEMS

operating pressure

16 bar

TECHNICAL DATA & PRICES

Model	Pipe size	Flow rate at 7 bar(g), 20 °C		Mass kg	Filter element type	CODE	Gross price EUR
	inch	Nm³/h	scfm				
B-AIR plus	1/2	120	71	12	07050	3505307	

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:

- Price is for the complete set.

FILTER ELEMENTS



0,01 µm

S
finefilterborosilicate micro
fibres

0,1 µm

H²
catalyst

hopcalite



0,1 µm

A²
adsorptionborosil. micro fibres
activated carbon

Filter element type	Flow rate Nm³/h	Corresponding housing	Gross price EUR	Gross price EUR	Gross price EUR
07050	78	B-AIR 0076			
14050	120	B-AIR 0106			
12075	198	B-AIR 0186			
22075	335	B-AIR 0306			
32075	510	B-AIR 0476			
50075	780	B-AIR 0706			

CONDENSATE DRAINS



MCD



AOK 16B

Gross Price [EUR]

DIFFERENTIAL PRESSURE INDICATORS



PDI 16

Gross Price [EUR]

AIRWATT

HEAT RECOVERY UNITS



AIRWATT - HEAT RECOVERY UNIT

Type	Motor power	Heat capacity	Oil connection	Water connection	Dimensions			Mass	CODE	Gross price
	kW	kW	G	G	A mm	B mm	C mm	kg		EUR
AirWATT 22	15-22	12-17,6	1 1/4"	1"	360	500	760	33	3506206	
AirWATT 37	26-37	20,8-29,6	1 1/4"	1"	360	500	760	35	3506207	
AirWATT 75	45-75	36-60	1 1/4"	1"	360	500	760	42	3506208	
AirWATT 100	90-132	72-100	2"	2"	450	600	860	58	3506428	

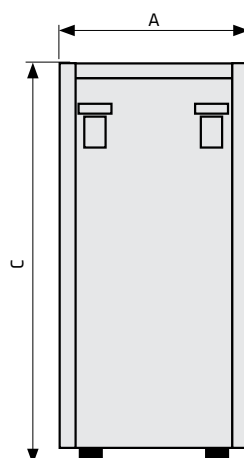
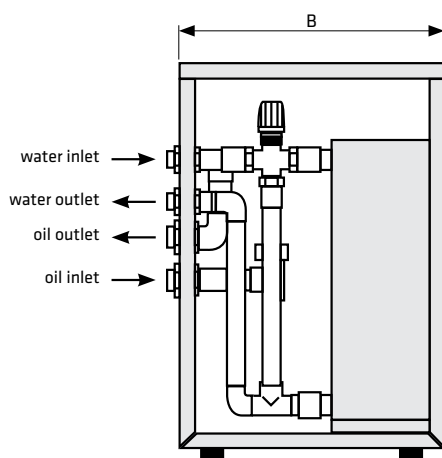
TECHNICAL SPECIFICATIONS

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:
EUR

AWS

Painted



Code:
10001143

Net Price:
EUR

AWS

Stainless steel



Code:
10001144

Net Price:
EUR

PETRO-PACK



Code:
10001133

Net Price:
EUR

BS TOWER



Code:
10001135

Net Price:
EUR

OBE

AIR-COOLED WATER CHILLERS WITH AXIAL FANS



OBE SERIES		002	003	004	005	006	007	008	009	012	014	020	025
Cooling capacity ⁽¹⁾	[kW]	2,55	2,74	3,51	4,28	5,21	6,21	8,16	10,11	12,73	16,22	21,02	23,11
Compressors power input ⁽¹⁾	[kW]	0,48	0,49	0,71	0,86	1,22	1,76	1,49	2,09	2,81	2,54	3,76	4,87
Total power input ^{(1) (2)}	[kW]	0,79 ⁽⁵⁾	0,99	1,21	1,36	1,72 ⁽²⁾	2,26 ⁽²⁾	2,80 ⁽⁵⁾	3,40 ⁽⁵⁾	4,12	4,32	5,99	7,1
Total absorbed current (1) (2)	[A]	4,44 ⁽⁵⁾	5,38	6,45	7,22	9,01 ⁽²⁾	11,31 ⁽²⁾	5,97 ⁽⁵⁾	6,88 ⁽⁵⁾	8,19	8,14	10,97	12,9
EER (pump excluded) ⁽¹⁾	---	4,16	4,43	4,19	4,32	3,85	3,29	4,53	4,21	4,09	4,89	4,63	4,09
Water flow ⁽¹⁾	[l/ h]	438	471	604	736	897	1068	1404	1739	2190	2790	3615	3975
Available pressure ⁽¹⁾	[kPa]	146	287	261	248	215	181	235	210	222	188	217	199
Maximum power input (total) ^{(2) (3)}	[kW]	1,3 ⁽⁵⁾	1,5	1,8	2	2,5 ⁽²⁾	3,0 ⁽²⁾	3,8 ⁽⁵⁾	4,9 ⁽⁵⁾	5,8	6,8	8,6	10
Maximum absorbed current (total) ^{(2) (3)}	[A]	6,6 ⁽⁵⁾	7,5	9,1	10,4	12,6 ⁽²⁾	14,4 ⁽²⁾	7,7 ⁽⁵⁾	9,5 ⁽⁵⁾	10,8	12,1	15,9	17,5
Starting current ^{(2) (3)}	[A]	21,3 ⁽⁵⁾	22,1	26,1	34,2	39,2 ⁽²⁾	55,2 ⁽²⁾	34,2 ⁽⁵⁾	42,2 ⁽⁵⁾	44,2	62,7	78,3	89,3
Fan power	[kW]	0,13	0,13	0,13	0,13	0,13	0,13	0,31	0,31	0,31	0,78	0,78	0,78
Fan current	[A]	0,65	0,65	0,65	0,65	0,65	0,65	1,2	1,2	1,2	1,7	1,7	1,7
Number of fans	[#]	1	1	1	1	1	1	1	1	1	1	1	1
P3 Pump power input	[kW]	0,18 ⁽⁵⁾	0,37	0,37	0,37	0,37 ⁽²⁾	0,37 ⁽²⁾	1,00 ⁽⁵⁾	1,00 ⁽⁵⁾	1	1	1,45	1,45
P3 Pump absorbed current	[A]	1,60 ⁽⁵⁾	2,5	2,5	2,5	2,50 ⁽²⁾	2,50 ⁽²⁾	2,00 ⁽⁵⁾	2,00 ⁽⁵⁾	2	2	2,6	2,6
Power supply	[V/Ph/Hz]	230/1/50						400/3/50					
IP protection degree	---	IP40	IP40	IP40	IP40	IP40	IP40	IP44	IP44	IP44	IP44	IP44	IP44
Refrigerant	---	R407C											
Compressor type	---	Rotary								Screw			
Evaporator type	---	Coaxial						Brazed plates					
Condenser type	---	Microchannel											
N° of compressors	[#]	1	1	1	1	1	1	1	1	1	1	1	1
N° of refrigerant circuits	[#]	1	1	1	1	1	1	1	1	1	1	1	1
Air flow	[m³/h]	2.200	2.200	2.200	2.200	2.200	2.200	4.800	4.800	5.000	5.500	5.500	5.500
Sound pressure level (4)	[dB(A)]	46	46	46	46	46	46	49	49	49	49	49	49
Water connections diameter	[inch]	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1"	1"	1"	1"	1"	1"
Width	[mm]	718	718	718	718	718	718	1.004	1.004	1.004	1.004	1.004	1.004
Depth	[mm]	678	678	678	678	678	678	753	753	753	753	753	753
Height	[mm]	668	668	668	668	668	668	1.257	1.257	1.257	1.257	1.257	1.257
Weight	[kg]	82	85	88	92	95	100	235	240	245	255	255	255
Tank capacity - Option	[dm³]	25	25	25	25	25	25	90	90	90	90	90	90
P3 Input pump power- Option	[kW]							1,60	1,60	1,60	1,60	0,75	0,75
P3 Absorbed pump current - Option	[A]							1,90	1,90	1,90	1,90	2,5	2,5
P5 Input pump power - Option	[kW]		0,55	0,55	0,55	0,55	0,55	0,75	0,75	0,75	0,75	0,9	0,9
P5 Absorbed pump current - Option	[A]		6,2	6,2	6,2	6,2	6,2	2,5	2,5	2,5	2,5	2,6	3
CODE		2101540	2101541	2101542	2101543	2101544	2101545	2101546	2101547	2101548	2101549	2101525	2101550
Gross Price		[EUR]											

OPTIONAL EQUIPMENT		002	003	004	005	006	007	008	009	012	014	020	025
Refrigerant gauges	GR	215,00	215,00	215,00	215,00	215,00	215,00	STD	STD	STD	STD	STD	STD
Single P3 Pump	P3	N/D	STD	STD	STD	STD	STD	95,00	95,00	95,00	95,00	115,00	115,00
Single P5 Pump	P5	N/D	225,00	225,00	225,00	225,00	225,00	225,00	225,00	225,00	225,00	225,00	225,00
No tank (with plate heat exc.)	TO EXP	N/D	150,00	150,00	380,00	380,00	380,00	505,00	505,00	505,00	505,00	505,00	505,00
Plate heat exc. (without pump & without tank)	PO TO EXP	N/D	380,00	380,00	610,00	610,00	610,00	995,00	995,00	995,00	995,00	1.025,00	1.025,00
Pressurized Water Tank with plate heat exchanger	TP EXP	N/D	755,00	755,00	385,00	385,00	385,00	385,00	385,00	385,00	385,00	385,00	385,00
Compressors Crankcase heaters	RC	165,00	165,00	165,00	165,00	165,00	165,00	90,00	90,00	90,00	90,00	90,00	90,00
Automatic water bypass valve	BA	N/D	430,00	430,00	430,00	430,00	430,00	430,00	430,00	430,00	430,00	430,00	430,00
Heating Resistors	RH [1]	N/D	[1]	[1]	[1]	[1]	[1]	N/D	N/D	N/D	N/D	N/D	N/D
External Installation	FE	N/D	635,00	635,00	635,00	635,00	177,00	STD	STD	STD	STD	STD	STD
Condenser air filter	FP	190,00	190,00	190,00	190,00	190,00	54,00	STD	STD	STD	STD	STD	STD
Condensing control: Electronic fans	CE	N/D	N/D	N/D	N/D	N/D	N/D	1.675,00	1.675,00	1.675,00	1.675,00	1.675,00	1.675,00
RS485 Serial port	EMB	N/D	120,00	120,00	120,00	120,00	120,00	120,00	120,00	120,00	120,00	120,00	120,00
Wooden crate	PWC	225,00	225,00	225,00	225,00	225,00	225,00	365,00	365,00	365,00	365,00	365,00	365,00
Wheels	FW	100,00	100,00	100,00	100,00	100,00	100,00	435,00	435,00	435,00	435,00	435,00	435,00

OWT

AIR-COOLED WATER CHILLERS WITH ROTARY AND SCROLL COMPRESSORS



OWT SERIES

Cooling capacity ⁽¹⁾	[kW]
Compressors power input ⁽¹⁾	[kW]
Total power input ^{(1) (2)}	[kW]
Total absorbed current (1) (2)	[A]
EER (pump excluded) ⁽¹⁾	---
Water flow ⁽¹⁾	[l/h]
Available pressure ⁽¹⁾	[kPa]
Maximum power input (total) ^{(2) (3)}	[kW]
Maximum absorbed current (total) ^{(2) (3)}	[A]
Starting current ^{(2) (3)}	[A]
Fan power	[kW]
Fan current	[A]
Number of fans	[#]
P3 Pump power input	[kW]
P3 Pump absorbed current	[A]
Power supply	[V/Ph/Hz]
IP protection degree	---
Refrigerant	---
Compressor type	---
Evaporator type	---
Condenser type	---
N° of compressors	[#]
N° of refrigerant circuits	[#]
Air flow	[m³/h]
Sound pressure level ⁽⁴⁾	[dbA]
Water connections diameter	[inch]
Width	[mm]
Depth	[mm]
Height	[mm]
Weight	[kg]
Tank capacity - Option	[dm³]
Expansion vessel capacity	[dm³]
P5 Input pump power- Option	[kW]
P5 Absorbed pump current - Option	[A]
Available pressure ^{(1) (5)}	[kPa]

CODE

Gross Price [EUR]

OPTIONAL EQUIPMENT

Single P5 Pump	P5
Double P3 Pump	D3
Double P5 Pump	D5
Open circuit kit (Additional Water Tank)*	TA*
No tank version with single P3 pump	T0
No tank version with double P3 pump	T0 D3
No pump version with pressurized water tank	P0
No pump version with open circuit kit (additional water tank)	P0 TA
No ferrous pressurized water circuit (stainless steel water tank)	TPI
Water level switch	LS
Automatic water filling kit	WF
Automatic water bypass valve	BA
Basamento in legno per imballaggio in container	PWB
Wind baffle	FWB
Remote panel	ER
Wheels (supplied separately)	FW
Feet (supplied separately)	FF
Rubber anti-vibration mountings for no tank units	FA1 [1]
Rubber anti-vibration mountings for units with tank	FA2 [1]

	007	010	015	018	020	025	030	038	040	045	055	065	075	090	110	130
	7	10,31	14,54	18,9	21,31	23,3	28,11	37,8	42,7	45,1	56,7	64	75,61	89,79	113,41	128,11
	145	2,26	3,54	4,11	4,69	5,22	6,92	7,92	9,16	10,00	12,79	14,49	15,47	17,71	24,19	27,81
	2,51	3,32	4,6	5,71	6,29	6,82	8,52	10,82	12,06	12,9	15,55	17,25	21,27	23,51	30,69	35,31
	5,08	6,48	8,7	11,30	12,75	13,06	16,07	20,30	23,29	23,96	28,19	32,55	37,26	42,72	54,22	64,88
	3,76	3,86	3,68	3,93	3,96	3,94	3,69	4,06	4,04	3,96	4,03	4,06	3,96	4,21	4,1	4,09
	1.204	1.773	2.501	3.251	3.665	4.008	4.834	6.502	7.345	7.758	9.753	11.009	13.004	15.444	19.506	22.035
	252	246	315	323	324	311	302	327	331	335	278	259	227	227	263	307
	3,3	4,4	5,9	7,7	8,5	9,4	11,4	15,1	16,8	17,5	21,1	23,6	30,3	33,5	43,2	49,1
	6,7	8,1	10,9	14,7	16,3	17,3	20,8	27,7	30,8	31,5	37,9	42,6	52,5	58,7	75,8	86,9
	35,6	47,6	55,6	74,3	94,3	49,8	65,5	87,2	108,8	76,3	97,5	120,6	112	136,7	135,3	164,9
	0,41	0,41	0,41	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,63	0,63	1,8	1,8	1,75	1,75
	1,8	1,8	1,8	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,7	2,7	3	3	3,3	3,3
	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
	0,65	0,65	0,65	0,9	0,9	0,9	0,9	1,5	1,5	1,5	1,5	1,5	2,2	2,2	3	4
	1,6	1,6	1,6	2,6	2,6	2,6	2,6	3,4	3,4	3,4	3,4	3,4	4,6	4,6	6,3	8,1
	400/3/50															
	IP44															
	R410A															
	Rotary		Screw													
	Brazed plates															
	Microchannel															
	1	1	1	1	1	2	2	2	2	3	3	3	4	4	6	6
	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
	4.346	4.346	4.531	8.179	8.179	8.049	8.049	15.399	15.399	15.399	18.791	18.791	32.931	32.931	44.185	44.185
	43	43	43	50	50	50	50	53	53	53	49,5	49,5	58,5	58,5	52	52
	1"	1"	1"	1"	1"	1"	1"	11/2"	11/2"	11/2"	11/2"	11/2"	2"	2"	2"	2"
	662	662	662	662	662	662	662	752	752	832	832	832	1.110	1.110	1.210	1.210
	991	991	991	1.305	1.305	1.305	1.305	1.635	1.635	1.850	1.850	1.850	2.025	2.025	2.230	2.230
	1.335	1.335	1.335	1.425	1.425	1.425	1.425	1.535	1.535	1.700	1.700	1.700	1.900	1.900	2.255	2.255
	210	215	260	265	275	315	325	400	410	500	500	515	720	770	980	1000
	95	95	95	95	95	95	95	135	135	135	135	135	205	205	205	205
	5	5	5	5	5	5	5	8	8	8	8	8	12	12	12	12
	0,75	0,75	0,75	1,3	1,3	1,3	1,3	2,2	2,2	2,2	2,2	2,2	4	4	4	4
	2,5	2,5	2,5	3,5	3,5	3,5	3,5	4,6	4,6	4,6	4,6	4,6	8,1	8,1	8,1	8,1
	452	445	415	521	518	502	483	530	527	532	452	421	432	424	426	372
	2101551	2101552	2101553	2101554	2101555	2101556	2101557	2101558	2101559	2101560	2101561	2101562	2101562	2101563	2101564	2101565

[illegible]

OWE/HWE

AIR-COOLED WATER CHILLERS AND HEAT PUMPS WITH SCROLL COMPRESSORS



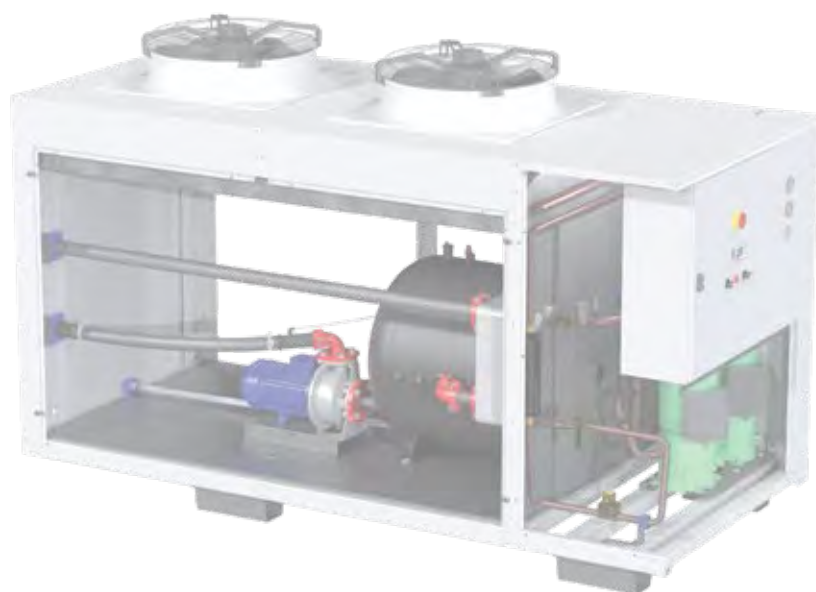
OWE/HWE SERIES

Cooling capacity ⁽¹⁾	[kW]
Compressors power input ⁽¹⁾	[kW]
Total power input ^{(1) (2)}	[kW]
Total absorbed current ^{(1) (2)}	[A]
EER (pump excluded) ⁽¹⁾	---
Water flow ⁽¹⁾	[l/h]
Pressure drop ⁽¹⁾	[kPa]
Maximum power input (total) ^{(2) (3)}	[kW]
Total absorbed current ^{(2) (3)}	[A]
Starting current ^{(2) (3)}	[A]
Fan power	[kW]
Fan current	[A]
Number of fans	[#]
Power supply	[V/Ph/hz]
IP protection degree	-
Refrigerant	---
Compressor type	---
Evaporator type	---
Condenser type	---
N° of compressors	[#]
N° of refrigerant circuits	[#]
Air flow	[m³/h]
Sound pressure level ⁽⁴⁾	[dB(A)]
Water connections diameter	[inch]
Width	[mm]
Depth	[mm]
Height	[mm]
Weight	[kg]
Tank capacity - Option	[dm³]
Expansion vessel capacity - Option	[dm³]
P2 Pump power input - Option	[kW]
P2 Pump absorbed current - Option	[A]
P3 Pump power input - Option	[kW]
P3 Pump absorbed current - Option	[A]
P5 Pump power input - Option	[kW]
P5 Pump absorbed current - Option	[A]

CODE

Gross Price [EUR]

	013	021	026	036	041	046	053	068	075	076	085	086	100	110	111	125	126	140	141
	13,77	19,68	25,58	4,28	39,49	49,32	52,50	65,97	72,41	70,05	78,29	82,31	92,11	106,18	109,86	123,87	124,12	134,82	134,91
	3,48	5,01	7,12	0,86	10,05	10,34	12,70	17,22	16,05	15,49	18,65	21,68	20,71	23,89	26,62	27,98	29,10	33,21	33,68
	3,75	5,28	7,74	1,36	11,99	12,28	14,64	19,16	17,29	16,73	19,89	22,92	21,95	25,77	28,50	29,86	30,98	35,09	35,56
	6,74	9,77	15,18	7,22	20,09	20,73	24,98	31,85	28,37	27,98	32,84	36,93	36,30	43,49	46,47	49,70	52,83	57,57	58,66
	3,67	3,73	3,31	4,32	3,29	3,77	3,58	3,44	4,19	4,19	3,94	3,59	4,20	4,12	3,85	4,15	4,01	3,84	3,79
	2.368	3.385	4.400	736	6.792	7.968	9.030	11.346	12.454	12.049	13.466	14.157	15.843	18.263	18.896	21.306	21.348	23.189	23.204
	47	64	62	248	62	84	75	84	55	52	64	70	49	64	68	43	43	50	50
	5,1	7,2	9,7	14,8	16,3	19,6	18,6	24,1	24,1	23,4	26,9	31,8	29,9	35,1	39,9	40,7	44,8	46,2	48,3
	9,0	12,7	17,7	24,2	26,6	30,7	30,7	39,2	38,4	37,8	43,1	50,6	48,1	57,0	64,3	65,5	73,7	74,1	78,3
	53,8	90,8	100,4	144,9	148,9	179,9	179,9	215,9	144,5	214,5	163,8	212,5	170,3	206,2	290,4	244,5	270,4	250,7	301,4
	0,14	0,14	0,31	0,97	0,97	0,97	0,97	0,97	0,62	0,62	0,62	0,62	0,62	0,94	0,94	0,94	0,94	0,94	0,94
	0,38	0,38	1,20	1,93	1,93	1,93	1,93	1,93	1,25	1,25	1,25	1,25	1,25	1,70	1,70	1,70	1,70	1,70	1,70
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	400/3/50																		
	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP44	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54
	R410A																		
	Scroll																		
	Brazen plates																		
	Tube&fins																		
	1	1	1	1	1	1	1	1	2	1	2	1	2	2	1	2	1	2	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5.100	4.800	4.800	14.000	17.300	17.300	15.900	14.800	19.500	19.500	19.500	19.500	18.950	23.000	18.950	27.000	23.000	27.000	27.000
	43,5	43,5	43,5	55,0	55,0	55,0	55,5	56,0	54,0	53,0	54,0	51,0	55,0	59,5	59,0	60,0	59,0	60,0	59,5
	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC
	680	680	680	925	925	925	925	925	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380
	1.550	1.550	1.550	1.890	1.890	1.890	1.890	1.890	2.590	2.590	2.590	2.590	2.590	2.590	2.590	3.090	2.590	3.090	3.090
	1.405	1.405	1.405	1.580	1.580	1.580	1.580	1.580	1.960	1.960	1.960	1.960	1.960	1.960	1.960	1.960	1.960	1.960	1.960
	250	270	270	380	380	400	420	420	650	650	670	670	700	730	730	820	820	850	850
	110	110	110	200	200	200	200	200	400	400	400	400	400	400	400	400	400	400	400
	8	8	8	12	12	12	12	12	18	18	18	18	18	18	18	18	18	18	18
	0,68	1,00	1,00	1,60	1,60	1,60	1,45	1,45	2,22	2,22	2,22	2,22	2,22	2,22	2,22	2,87	2,87	2,87	2,87
	1,40	2,00	2,00	1,90	1,90	1,90	2,60	2,60	4,30	4,30	4,30	4,30	4,30	4,30	4,30	5,00	5,00	5,00	5,00
	1,60	1,45	1,45	2,09	2,09	2,09	2,87	2,87	2,87	2,87	2,87	2,87	2,87	2,87	2,87	6,70	6,70	6,70	6,70
	1,90	2,60	2,60	4,00	4,00	4,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	11,80	11,80	11,80	11,80
	0,75	1,30	1,30	2,20	2,20	2,20	2,20	2,20	3,00	3,00	3,00	3,00	4,00	4,00	4,00	11,00	11,00	11,00	11,00
	2,50	3,50	3,50	4,60	4,60	4,60	4,60	4,60	6,30	6,30	6,30	6,30	8,10	8,10	8,10	18,80	18,80	18,80	18,80
	2204673	2204674	2204675	2204676	2204677	2204678	2101527	2204679	2204680	2204681	2204682	2204683	2204670	2204684	2204685	2204686	2204687	2204688	2204689



OWE/HWE SERIES OPTIONAL EQUIPMENT

Single P2 pump	P2	
Single P3 pump	P3	
Single P5 pump	P5	
Double P2 pump	D2	
Double P3 pump	D3	
Double P5 pump	D5	
No ferrous water piping for single pump units	WP [1]	
No ferrous water piping for double pump units	WD [2]	
Pressurized water tank with single pump housing	TP [3]	
Pressurized water tank with double pump housing	TP2 [3]	
No ferrous pressurized water circuit for single pump housing (stainless steel water tank)	TPI [3]	
No ferrous pressurized water circuit for double pump housing (stainless steel water tank)	TPI2 [3]	
Open circuit kit (additional water tank)	TA [4]	
No ferrous atmospheric water circuit (plastic material water tank)	TANF [5]	
Disconnect tank with P2 pump	X2	
Disconnect tank with P3 pump	X3	
Disconnect tank with P5 pump	X5	
Water level switch	LS	
Automatic water filling kit	WF	
Automatic water bypass valve	BA	
Threaded water connection (GAS)	WC2	
Stainless steel threaded water connection (GAS)	WC2I	
Evaporator anti freeze heater	RA1	
Evaporator and pump anti freeze heater	RA2	
Evaporator, pump and tank anti freeze heater	RA3	
Electrical switchboard anti-condensation resistor	RS	
Double set point included liquid refrigerant valve	W1	
Liquid refrigerant valve (STD in HP)	VL	
Electronic thermostatic valve	VE [6]	
Condensing control: Continuous speed (voltage regulator)	CA	
Condensing control: Electronic fans	CE	
Condensing control: Low ambient temperature kit (up to -20°C ambient temp.)	CL	
Remote panel	ER	
Condensers cataphoresis treatment	OEC [6]	
Condenser copper-copper	OCC [6]	
Rubber anti-vibration mountings for no tank units	FA1	
Rubber anti-vibration mountings for units with tank	FA2	
Wheels	FW	
Wooden basement	PWB	
Wooden crate	PWC	

[illegible]

OWB

AIR-COOLED WATER CHILLERS WITH AXIAL FANS AND SCROLL COMPRESSORS



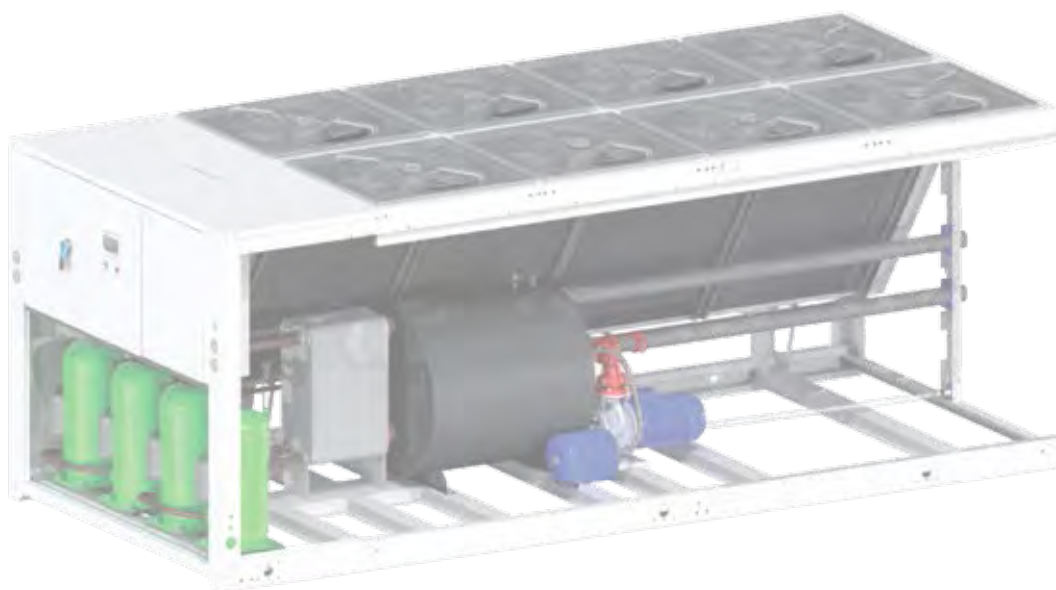
OWB SERIES

Cooling capacity ⁽¹⁾	[kW]	
Compressors power input ⁽¹⁾	[kW]	
Total power input ^{(1) (2)}	[kW]	
Total absorbed current ^{(1) (2)}	[A]	
EER (pump excluded) ⁽¹⁾	---	
Water flow ⁽¹⁾	[l/h]	
Pressure drop ⁽¹⁾	[kPa]	
Maximum power input (total) ^{(2) (3)}	[kW]	
Total absorbed current ^{(2) (3)}	[A]	
Starting current ^{(2) (3)}	[A]	
Fan power	[kW]	
Fan current	[A]	
Number of fans	[#]	
Power supply	[V/Ph/hz]	
IP protection degree	-	
Refrigerant	---	
Compressor type	---	
Evaporator type	---	
Condenser type	---	
N° of compressors	[#]	
N° of refrigerant circuits	[#]	
Air flow	[m³/h]	
Sound pressure level ⁽⁴⁾	[dB(A)]	
Water connections diameter	[inch]	
Width	[mm]	
Depth	[mm]	
Height	[mm]	
Weight	[kg]	
Tank capacity - Option	[dm³]	
Expansion vessel capacity - Option	[dm³]	
P2 Pump power input - Option	[kW]	
P2 Pump absorbed current - Option	[A]	
P3 Pump power input - Option	[kW]	
P3 Pump absorbed current - Option	[A]	
P5 Pump power input - Option	[kW]	
P5 Pump absorbed current - Option	[A]	

CODE

Gross Price	[EUR]
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	140	160	190	220	270	300	320	380	420	450	510	570
	142,37	166,11	193,06	224,25	270,55	293,84	318,38	386,82	423,69	458,07	526,44	574,08
	31,93	43,53	38,45	50,98	52,67	62,54	74,26	73,30	87,75	103,02	105,15	122,70
	36,05	47,65	44,63	57,16	60,91	70,78	82,50	85,66	100,11	115,38	121,63	139,18
	59,90	76,72	74,60	94,16	103,14	117,93	134,65	140,93	164,73	189,89	212,16	232,79
	3,95	3,49	4,33	3,92	4,44	4,15	3,86	4,52	4,23	3,97	4,33	4,12
	24,488	28,570	33,207	37,571	46,535	50,541	54,761	66,532	72,874	78,789	90,547	98,742
	55	73	51	67	53	62	71	51	60	70	67	79
	54,4	65,2	69,4	82,2	85,8	97,0	113,6	134,5	149,6	164,5	188,0	202,0
	88,1	103,8	112,6	133,3	139,5	156,5	181,6	215,2	241,0	266,6	311,5	332,6
	257,8	265,7	349,0	359,3	318,4	333,2	352,0	377,1	473,5	492,6	508,2	555,0
	20,6	2,06	2,06	2,06	2,06	2,06	2,06	2,06	2,06	2,06	2,06	2,06
	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80	3,80
	2	2	3	3	4	4	4	6	6	6	6	6
	400/3/50											
	IP54											
	R410A											
	Scroll											
	Brazed plates											
	Microchannel											
	2	2	2	2	4	4	4	4	4	4	4	4
	1	1	1	1	2	2	2	2	2	2	2	2
	44.000	44.000	66.000	66.000	88.000	88.000	88.000	132.000	88.000	132.000	176.000	176.000
	58,0	56,6	58,0	58,0	60,5	60,5	59,5	59,5	60,5	60,5	59,5	61,5
	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	3"	3"	3"	3"	3"	3"
	1.104	1.104	1.104	1.104	2.204	2.204	2.204	2.204	2.204	2.204	2.204	2.204
	3.004	3.004	4.002	4.002	3.004	3.004	3.004	4.004	4.004	4.004	5.004	5.004
	1.977	1.977	1.977	1.977	1.977	1.977	1.977	1.977	1.977	1.977	1.977	1.977
	1.170	1.180	1.290	1.300	1.810	1.830	1.850	2.250	2.270	2.290	2.650	2.650
	470	470	470	470	600	600	600	600	600	600	600	600
	18	18	18	18	18	18	18	18	18	18	18	18
	3,75	3,75	3,75	3,75	5,10	5,10	5,10	6,70	6,70	6,70	9,10	9,10
	6,50	6,50	6,50	6,50	9,20	9,20	9,20	11,80	11,80	11,80	15,70	15,70
	6,70	6,70	6,70	6,70	9,10	9,10	9,10	9,10	9,10	9,10	13,10	13,10
	11,80	11,80	11,80	11,80	15,70	15,70	15,70	15,70	15,70	15,70	22,00	22,00
	11,00	11,00	11,00	11,00	16,58	16,58	16,58	17,50	17,50	17,50	13,10	13,10
	18,80	18,80	18,80	18,80	27,20	27,20	27,20	30,00	30,00	30,00	22,00	30,00
	2204690	2204691	2204692	2204693	2204694	2204695	2204696	2204697	2204698	2204699	2204700	2204701



OWB SERIES OPTIONAL EQUIPMENT

Single P2 pump	P2	
Single P3 pump	P3	
Single P5 pump	P5	
Double P2 pump	D2	
Double P3 pump	D3	
Double P5 pump	D5	
No ferrous water piping for single pump units	WP [1]	
No ferrous water piping for double pump units	WD [2]	
Pressurized water tank	TP [3]	
No ferrous pressurized water circuit (stainless steel water tank)	TPI [3]	
Water level switch	LS	
Evaporator anti freeze heater	RA1	
Evaporator and pump anti freeze heater	RA2	
Evaporator, pump and tank anti freeze heater	RA3	
Electrical switchboard anti-condensation resistor	RS	
Double water set point	WE	
Condensing control: Electronic fans (-10°C ambient)	CE	
Condensing control: Low ambient temperature kit (up to -20°C ambient temp.)	CL	
E-coating condensers treatment	OEC	
Wooden basement	PWB	
Wooden crate	PWC	
Automatic water filling kit	WF	
Condenser air filter	FP	
Flanged water connection (EN 1092-1)	WC1	
Threaded water connection (GAS)	WC2	
Rubber anti-vibration mountings for no tank units	FA1	
Rubber anti-vibration mountings for units with tank	FA2	
Remote panel	ER	
Packing with barrier bag	PBB	
Container loading	PCL	

[illegible]



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