

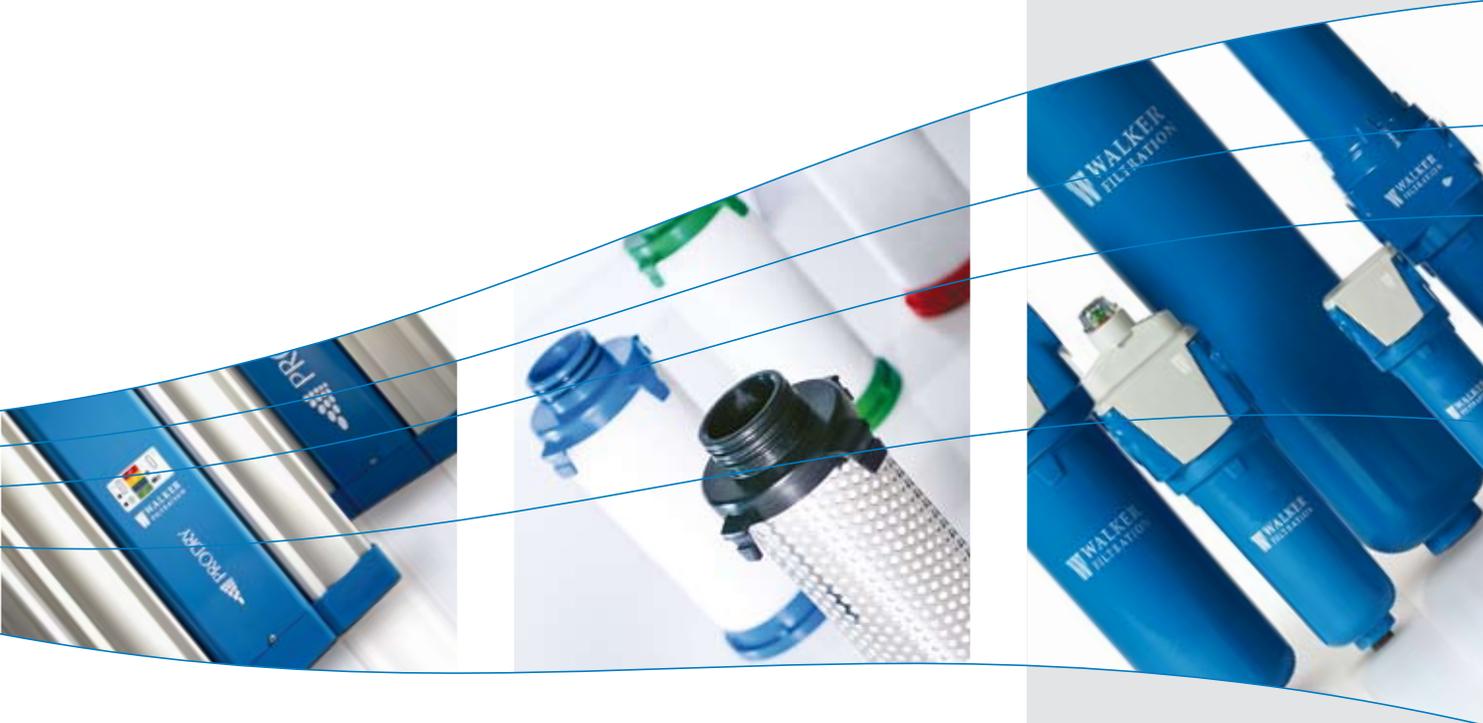


WALKER FILTRATION

The ultimate filtration & drying technology

Product Range

March 2010



Energy Efficiency

We recommend that filter elements are replaced at least every 12 months (6 months for activated carbon) in order to maintain the optimum performance of your system. Every 1 barg (100kPa) of pressure drop represents a 7% increase in compressor energy costs. It is vital to observe a scheduled maintenance programme which includes replacement of filter elements.

In any compressed air system, impurities are inevitable as the quality of your compressed air is only as good as the intake air. Dust, oil and particulates reduce air quality and can significantly affect the system efficiency, including the performance and life of the end-use equipment. Poor system efficiency also means higher running costs.

Filtration and treatment of your compressed air system is critical to:

- Guarantee optimum performance
- Ensure energy costs are minimised

Water condensate is also a significant problem which needs to be removed in order to achieve optimum performance. A single 30kW compressor can generate 20 litres of water in 8 hours from the condensation of the air during the compression process.

Minimising waste and maximising air treatment offers the greatest potential for cost savings in a typical compressed air system.



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correction factors

pressure

for maximum flow rate, multiply model flow rate by the correction factor corresponding to the pressure

Operating pressure barg (psig)	4 (58)	5 (72)	6 (87)	7 (100)	8 (115)	10 (145)	12 (174)	14 (203)	16 (232)
7 barg Correction factor	0.76	0.84	0.92	1.00	1.07	1.19	1.31	1.41	1.51
Operating pressure barg (psig)	4 (58)	6 (87)	8 (116)	10 (145)	12 (174)	14 (203)	16 (232)	18 (261)	20 (290)
20 barg Correction factor	0.45	0.55	0.63	0.71	0.77	0.84	0.90	0.95	1.00
Operating pressure barg (psig)	4 (58)	6 (87)	8 (116)	10 (145)	15 (220)	20 (290)	30 (435)	40 (580)	50 (725)
50 barg Correction factor	0.14	0.22	0.28	0.34	0.47	0.56	0.70	0.85	1.00
Operating pressure barg (psig)	20 (290)	30 (435)	40 (580)	50 (725)	60 (870)	70 (1015)	80 (1160)	90 (1300)	100 (1450)
100 barg Correction factor	0.45	0.57	0.68	0.80	0.84	0.88	0.92	0.96	1.00
Operating pressure barg (psig)	50 (725)	100 (1450)	150 (2175)	200 (2900)	250 (3625)	300 (4350)	350 (5000)		
350 barg Correction factor	0.73	0.78	0.82	0.87	0.91	0.96	1.00		

vacuum

for maximum flow rate, multiply model flow rate by the correction factor corresponding to the working vacuum

Operating vacuum	mbar abs	atmospheric	900	800	700	600	500	400	300	200
	Torr	760	675	600	525	450	375	300	225	150
	psia	14.7	13.0	11.6	10.2	8.7	7.3	5.8	3.3	2.9
Correction factor		1.00	0.93	0.86	0.79	0.71	0.64	0.57	0.50	0.43

dryers

Operating pressure barg (psig)	4 (58)	5 (72)	6 (87)	7 (100)	8 (115)	10 (145)	12 (174)	14 (203)	16 (232)
7 barg Correction factor	0.62	0.75	0.87	1.00	1.12	1.37	1.62	1.87	2.12
Operating temperature °C (°F)	20 (68)	25 (77)	30 (86)	35 (95)	40 (104)	45 (113)	50 (122)		
Correction factor	0.62	0.75	0.87	1.00	1.12	1.37	1.62		
Dewpoint °C (°F)	-40 (-40)	-70 (-94)							
Correction factor	1.00	0.70							

general notes

technical notes

- 1 Threaded and duplex filter housings are suitable for temperatures up to 120°C (248°F).
- 2 Threaded and duplex filters are manufactured from cast aluminium alloy and are PED 97/23/EC compliant for group 2 gases and carry the CE mark where applicable.
- 3 Flanged filters are fabricated from carbon steel and carry the CE mark where applicable.
- 4 Threaded connections are Rp (BSP parallel) to ISO 7/1 or NPT to ANSI B2.1 if supplied within North America, with the following exceptions 50HP25 and 50HP37 are Rc (BSP Taper); 100HP24, 100HP49, 350HP24 and 350HP26 are NPT. Flanged connections are complete with mating flanges to BS4504, PN16.
- 5 For NPT connections, add the suffix N e.g. A018WSN
- 6 Flanged vessels are designed and manufactured in accordance with BS EN286 Part 1 and meet the Simple Pressure Vessels Directive.
- 7 Cross port dimensions on flanged vessels are subject to a manufacturing tolerance of +/- 3mm and a squareness tolerance of 1 degree.
- 8 Filter elements should be changed every 12 months / 8000 hours (whichever comes first). Activated carbon filter elements should be changed every 6 months / 1000 hours (whichever comes first).
- 9 Filters and water separators are suitable for use with mineral and synthetic oils, plus oil-free compressed air applications.
- 10 Dimension 'D' in general arrangement drawings refers to bowl clearance required for element change.
- 11 Mounting brackets are available for various filters, see page 38.
- 12 Silicone free options are available, please contact Sales for details.
- 13 All ppm references are ppm by mass.



conversion tables

convert

pressure

(multiplying factors)

from ↓	to →	psi (lbf/in ²)	inH ₂ O	mmHg (Torr)	atmos	mbar	bar	Kgf/cm ² (Kp/cm ²)	Pascal (N/m ²)	kPa (kN/m ²)	MPa MN/m ² (N/mm ²)
psi (lbf/in ²)		1	27.6799	51.7149	0.068046	68.9476	0.06895	0.070307	6894.76	6.89476	0.0068948
inH ₂ O		0.036127	1	1.86832	0.0024583	2.49089	0.00249	0.00254	249.089	0.24901	0.000249
mmHg (Torr)		0.019337	0.53524	1	0.0013158	1.33322	0.00133	0.0013591	133.322	0.13332	0.000133
atmos		14.6959	406.781	760	1	1013.25	1.01325	1.03323	101,325	101.325	0.101325
mbar		0.014504	0.401463	0.750062	0.0009869	1	0.001	0.0010197	100	0.1	0.0001
bar		14.504	401.463	750.062	0.9869	1000	1	1.0197	100,000	100	0.1
Kgf (Kp/cm ²)		14.2233	393.7	735.556	0.967841	980.665	0.980665	1	98066.5	98.0665	0.09806
Pascal (N/m ²)		0.000145	0.004015	0.007501	0.0000099	0.01	0.00001	0.0000102	1	0.001	0.00001
kPa		0.14504	4.015	7.501	0.0099	10	0.01	0.0102	1000	1	0.001
MPa		145.04	4015	7501	9.9	10000	10	1.02	1,000,000	1000	1

convert

flow rate

(multiplying factors)

from ↓	to →	litre/sec	dm ³ /sec	litre/min	m ³ /sec	m ³ /min	Nm ³ /hr	SCFM
litre/sec		1	1	60	0.001	0.06	3.6	2.118882
dm ³ /sec		1	1	60	0.001	0.06	3.6	2.118882
litre/min		0.016667	0.0166667	1	0.00001667	0.001	0.06	0.035315
m ³ /sec		1000	1000	60,000	1	60	3600	2118.88
m ³ /min		16.66667	16.66667	1000	0.0166667	1	60	35.315
Nm ³ /hr		0.277778	0.277778	16.66667	0.000278	0.0166667	1	0.588578
SCFM		0.471947	0.471947	28.31682	0.000472	0.0283168	1.699	1

recommended air flow rate

Nominal bore		at main line velocity of 6 m/s		at branch line velocity of 15 m/s	
mm	inch	dm ³ /s (l/s)	SCFM	dm ³ /s (l/s)	SCFM
6	1/8	1	2	3	6
8	1/4	3	6	8	17
10	3/8	5	11	12	25
15	1/2	10	21	25	53
20	3/4	17	36	40	85
25	1	25	53	60	127
32	1 1/4	50	106	125	265
40	1 1/2	65	138	160	339
50	2	100	212	250	530
65	2 1/2	180	382	450	954
80	3	240	509	600	1272
100	4	410	869	-	-
125	5	610	1293	-	-
150	6	900	1908	-	-
200	8	1600	3392	-	-
250	10	2500	5300	-	-
300	12	3600	7632	-	-

BS 4575 Maximum Recommended Air Flow Rates at 7 barg (100 psig)

This standard gives guidance and recommendations to designers, manufacturers and users for what are considered to be minimum essential features of the design and construction of fluid power systems and components. BS ISO 4414:1998 (not equivalent) closely follows the recommendations of ISO 4414 and the table above is based on that standard.

Note: Walker Filtration provide these conversion charts as a guide only.



compressed air quality

Compressed air purity classes ISO 8573-1

The ISO 8573 group of International Standards is used for the classification of compressed air. It also provides the test methods and analytical techniques for each type of contaminant.

The table below summarises the maximum contaminant levels specified in ISO 8573 Part 1 (2001) for the various compressed air quality classes.

Each compressed air classification can be achieved by installing a specific filter grade or a combination of filter grades, depending upon required performance (ISO 8573-1 is currently under review and values are expected to be redefined in 2010).

PURITY CLASSIFICATION

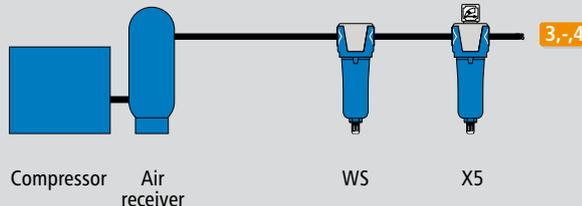


Purity Class	Solid Particles			Water		Oil		
	maximum number of particles per m ³			particle size	concentration	vapour	liquid	total oil (aerosol, liquid and vapour)
	0.1-0.5 micron	0.5-1 micron	1-5 micron	micron	mg/m ³	pressure dewpoint	g/m ³	mg/m ³
0	As specified by the equipment user or supplier							
1	100	1	0	-	-	≤ -70°C	-	≤ 0.01
2	100000	1000	10	-	-	≤ -40°C	-	≤ 0.1
3	-	10000	500	-	-	≤ -20°C	-	≤ 1
4	-	-	1000	-	-	≤ +3°C	-	≤ 5
5	-	-	20000	-	-	≤ +7°C	-	-
6	-	-	-	≤ 5	≤ 5	≤ +10°C	-	-
7	-	-	-	≤ 40	≤ 10	-	≤ 0.5	-
8	-	-	-	-	-	-	0.5 < C _w ≤ 5	-
9	-	-	-	-	-	-	5 < C _w ≤ 10	-

Filter Grade	GRADE X25	GRADE X5	GRADE X1	GRADE XA	GRADE AC
Maximum particle size class to ISO 8573-1:2001(E)	-	Class 3	Class 2	Class 1	Class 1
Maximum oil content class to ISO 8573-1:2001(E)	-	Class 4	Class 2	Class 1	Class 1

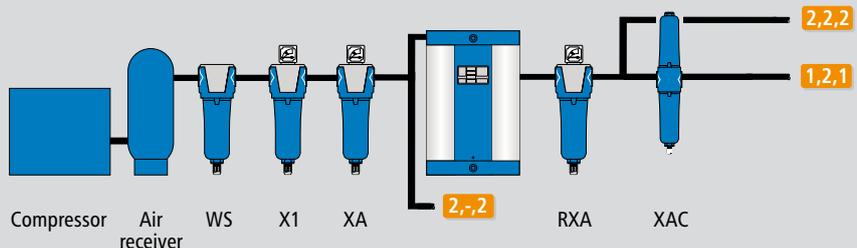
Medium filtration

Bulk liquid and medium filtration especially designed for the removal of high concentrations of oil which contain burnt by-products such as lacquers.



High Efficiency Filtration

High efficiency sub-micron filtration to provide oil/particulate free compressed air. This filter package offers protection to adsorption dryers and provides the user with the best possible compressed air quality.



compressed air standards

Walker Filtration filters and dryers are designed to meet the needs of a wide range of industries. The range aims to address the compressed air purity requirements of almost any application. Product performance is tested and validated in accordance with the latest international standards, of which the main ones are outlined below.

ISO 8573 - compressed air purity standard

ISO 8573 group of International Standards comprises of nine parts, which provide classifications for the main contaminants in compressed air, and the test methods and qualitative analysis used in the determination process.

- ISO 8573-1 Contaminants and Purity classes
- ISO 8573-2 Test Methods for Oil Aerosol Content
- ISO 8573-3 Test Methods for the Measurement of Humidity
- ISO 8573-4 Test Methods for the Solid Particle Content
- ISO 8573-5 Test Methods for Oil Vapour and Organic Solvent Content
- ISO 8573-6 Test Methods for Gaseous Contaminant Content
- ISO 8573-7 Test Methods for Viable Microbiological Contaminant Content
- ISO 8573-8 Test Methods for Solid Particle Content by Mass Concentration
- ISO 8573-9 Test Methods for Liquid Water Content

ISO 12500 - introducing a new series of international standards for compressed air filter testing

The ISO 12500 is a new group of standards for compressed air filter testing and has been introduced to complement the existing ISO 8573 series.

- ISO 12500-1 Oil Aerosols
- ISO 12500-2 Oil Vapours
- ISO 12500-3 Particles
- ISO 12500-4 Water

Other Applicable Standards

- ISO 7183 Compressed-air dryers – Specifications and testing

This standard identifies the required test methods for measuring dryer performance parameters for different types of compressed air dryers which includes: pressure dew point, flow rate, pressure drop, compressed air loss, power consumption and noise emission methods.





alpha series filters & elements

Introducing the next generation

The technologically advanced design boasts enhanced housing and element performance. It is also specifically developed for ease of installation and maintenance for engineers.

This extended range of filter housings and elements has been designed to suit almost every industrial environment.

Advancements in leak reduction and enhanced custom filter media deliver improved filtration performance. This means you get reduced pressure loss, increased energy efficiency levels and lower energy costs.

Tested to ISO 12500 standards, this filter range has been independently validated to guarantee the highest levels of air quality, making the Alpha Series your ultimate filtration solution.



alpha series filters & elements



Filter Element Features

Double O-ring secures against contaminant by-pass

Perforated stainless steel cylinders provide strength, rigidity and corrosion resistance

Spiral wound, inner spring on larger size elements for extra strength

Deep bed filter media provides low operating differential pressure resulting in improved energy efficiency

Hydrophobic and oleophobic borosilicate customised glass fibre media for improved coalescing

Unique anti re-entrainment layer minimises pressure losses and improves liquid removal

Bespoke chemically treated outer drainage layer prevents oil carry over

New improved ultrasonic seam weld process provides greater strength

Air distribution duct gives uniform air flow for improved filtration and low operating differential pressure

Drop-fit, self locating element with no tie rods for ease of installation, servicing and maintenance

Corrosion resistant colour coded endcaps for easy and accurate filtration grade indication



Lower annular location ring prevents element vibration, improves stability in reverse flow dust removal applications and improves drainage

Certificate of Conformity supplied with every filter element



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Filter Housing Features

Extensive range – 1/4" to 3" (BSP & NPT) and flow capacities up to 2550 Nm³/hr

Compact design allowing installation in confined spaces

Modular design enables easy and simple close coupling assembly

Aluminium pressure die cast housing gives enhanced strength and robustness

Advanced E-coat™ protection with a polyester coating gives exceptional corrosion resistance

Secure thread to bowl connection with full 3 turns to ensure safety

Unique seal configuration ensures security of the pressure envelope

Large reservoir to provide quiet zone for bulk oil collection

Automatic drain with manual override fitted as standard

Hexagon spanner locator for simple bowl removal

Minimal clearance required for filter change and no specialist tools

Suitable for both **mineral and synthetic oils**



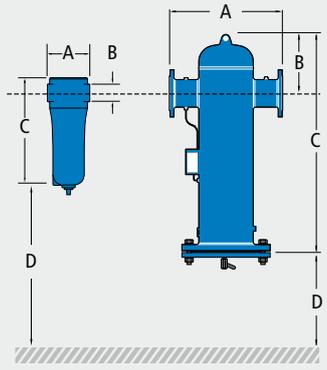


For compressed air installations where water contamination is a problem, Walker Filtration manufacture a range of water separators which utilise an internal spinner to remove large quantities of condensate by centrifugal action.

centrifugal water separators

MARCH 2010

filter model	pipe size	flow rate		dimensions (mm)				weight Kg
		Nm ³ /h	SCFM	A	B	C	D	
A20 WS	¼	35	20	72	35	210	75	0.7
A30 WS	⅜	52	30	72	35	210	75	0.7
A50 WS	½	108	63	88	32	210	100	1.3
A75 WS	¾	216	127	125	39	300	100	2.7
A100 WS	1	300	176	125	39	300	100	2.7
A125 WS	1¼	540	318	125	39	300	100	2.7
A150 WS	1½	725	427	135	50	480	150	4.4
A200 WS	2	1150	675	135	50	480	150	4.4
A250 WS	2½	1700	1000	200	68	590	200	11.5
A300 WS	3	2550	1500	200	68	590	200	11.5
A391 WS	DN80	2160	1270	450	265	1205	n/a	58
A400 WS	DN100	3100	1824	520	285	1245	n/a	74
A600 WS	DN150	6500	3824	680	400	1400	n/a	165
A800 WS	DN200	11000	6470	780	400	1460	n/a	260
A1000 WS	DN250	17000	10000	900	550	1570	n/a	450
A1200 WS	DN300	25500	15000	900	600	1620	n/a	550



A20 WS to A300 WS | A391 WS to A1200 WS

specification

Grade	WS	
Maximum recommended operating temperature	120°C	248°F
Minimum recommended operating temperature	1.5°C	35°F
Typical pressure loss at rated flow	50 mbar	0.7 psi
Maximum working pressure	16 barg	232 psig

technical notes

- 1 Float operated automatic drain valves (ADV16) are fitted to models A20 WS to A300 WS. When high quantities of liquid are anticipated, Walker Filtration recommend the use of electronic drain valves. ½" manual drain valves are fitted to A391 WS to A800 WS, ¾" fitted to A1000 WS to A1200 WS as standard.
- 2 An additional ½" side entry port is included on models A391 WS to A800 WS, ¾" for A1000 WS and A1200 WS.
- 3 A threaded nipple is required to connect a water separator to filter models A018 to A390 and D028 to D109.



For heavy duty applications, alpha series grade X25 micron threaded filter range removes high concentrations of dirt and liquid from compressed air.



coarse filtration

X25

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model	no. of elements
		Nm ³ /h	SCFM	A	B	C	D			
A018 X25	¼"	13.6	8	50	18	152	75	0.3	E0304 X25	1
A019 X25	¼"	25.5	15	50	18	152	75	0.3	E0305 X25	1
A028 X25	¼"	42.5	25	70	25	191	85	0.6	E0406 X25	1
A038 X25	⅜"	59.5	35	70	25	191	95	0.6	E0407 X25	1
A058 X25	½"	85.0	50	70	25	232	135	0.7	E0413 X25	1
A059 X25	½"	119	70	100	35	276	155	1.6	E0613 X25	1
A078 X25	¾"	144	85	100	35	276	155	1.6	E0613 X25	1
A079 X25	¾"	212	125	100	35	396	225	2.0	E0620 X25	1
A108 X25	1"	229	135	100	35	396	225	2.0	E0620 X25	1
A109 X25	1"	297	175	100	35	396	275	2.0	E0625 X25	1
A128 X25	1¼"	476	280	122	42	460	320	2.8	E0730 X25	1
A158 X25	1½"	545	320	122	42	460	320	2.8	E0730 X25	1
A159 X25	1½"	680	400	146	52	482	325	4.2	E0830 X25	1
A208 X25	2"	765	450	146	52	482	325	4.2	E0830 X25	1
A209 X25	2"	1190	700	146	52	785	630	6.3	E0860 X25	1
A254 X25	2½"	1445	850	210	66	595	410	8.5	E1140 X25	1
A340 X25	3"	1530	900	210	66	595	410	8.5	E1140 X25	1
A360 X25	3"	2125	1250	210	66	815	630	10.5	E1160 X25	1
A390 X25	3"	2550	1500	210	66	975	785	12.0	E1175 X25	1
A391 X25	DN80	2160	1270	450	265	1205	700	58	E139 X25	1
A483 X25	DN100	3100	1824	520	285	1245	700	74	E88 X25	3
A484 X25	DN100	4250	2500	520	285	1245	700	74	E88 X25	4
A686 X25	DN150	6500	3824	680	400	1400	700	165	E88 X25	6
A688 X25	DN150	8720	5130	780	400	1430	700	208	E88 X25	8
A8810 X25	DN200	11000	6470	780	400	1460	700	260	E88 X25	10
A10816 X25	DN250	17000	10000	900	550	1570	700	450	E88 X25	16
A12824 X25	DN300	25500	15000	900	600	1620	700	740	E88 X25	24

Replacements and spare parts (refer to pages 38 – 41)

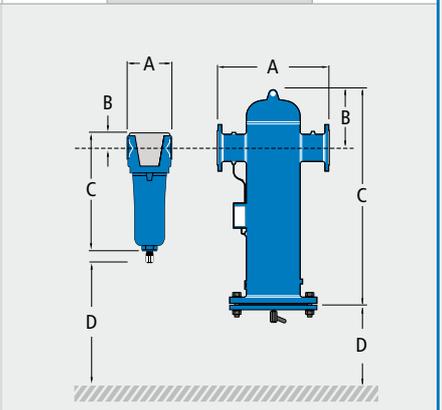


X25 element

float operated drain valve ADV6000(C)

technical notes

- 1 Direction of air flow is inside to out through the filter element.
- 2 Pop up indicators (65DPUG) are fitted to models A028 X25 to A058 X25 as standard. Differential pressure indicators (65DPIG) are fitted to models A059 X25 to A12824 X25 as standard.
- 3 Threaded filters are fitted with float operated automatic drain valves. ADV6000C on models A018 X25 to A058 X25 and ADV6000 on models A059 X25 to A390 X25. Flanged filters are fitted with manual drain valves. On models A391 X25 to A8810 X25, ½" are fitted; ¾" on models A10816 X25 to A12824 X25.
- 4 Models A059 X25 to A390 X25 can be adapted to use ¼" drains with a reducer.
- 5 An additional ½" side entry port is included on models A391 X25 to A8810 X25, ¾" for A10816 X25 and A12824 X25.



A018 X25 to A390 X25 | A391 X25 to A12824 X25

specification

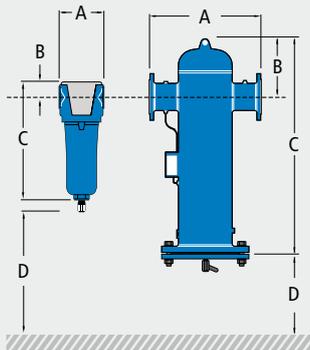
Grade	X25	
Maximum particle size class to ISO 8573-1:2001 (E)	-	
Maximum oil content class to ISO 8573-1:2001 (E)	-	
Particle removal	25 micron	
Maximum oil carryover at 20°C (68°F)	10 mg/m ³	8.2 ppm
Maximum temperature	up to 120°C	up to 248°F
Maximum working pressure	16 barg	232 psig
Element end cap colour	black	



The range of alpha series grade X5 micron coalescing filters are used for removing high concentrations of oil from compressed air.

X5 medium filtration

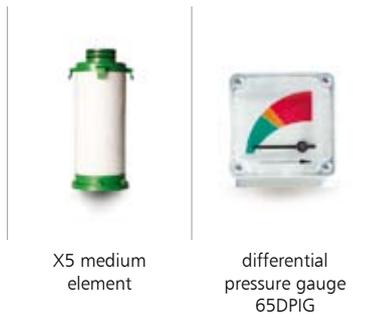
filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model	no. of elements
		Nm ³ /h	SCFM	A	B	C	D			
A018 X5	¼"	13.6	8	50	18	152	75	0.3	E0304 X5	1
A019 X5	¼"	25.5	15	50	18	152	75	0.3	E0305 X5	1
A028 X5	¼"	42.5	25	70	25	191	85	0.6	E0406 X5	1
A038 X5	⅜"	59.5	35	70	25	191	95	0.6	E0407 X5	1
A058 X5	½"	85.0	50	70	25	232	135	0.7	E0413 X5	1
A059 X5	½"	119	70	100	35	276	155	1.6	E0613 X5	1
A078 X5	¾"	144	85	100	35	276	155	1.6	E0613 X5	1
A079 X5	¾"	212	125	100	35	396	225	2.0	E0620 X5	1
A108 X5	1"	229	135	100	35	396	225	2.0	E0620 X5	1
A109 X5	1"	297	175	100	35	396	275	2.0	E0625 X5	1
A128 X5	1¼"	476	280	122	42	460	320	2.8	E0730 X5	1
A158 X5	1½"	545	320	122	42	460	320	2.8	E0730 X5	1
A159 X5	1½"	680	400	146	52	482	325	4.2	E0830 X5	1
A208 X5	2"	765	450	146	52	482	325	4.2	E0830 X5	1
A209 X5	2"	1190	700	146	52	785	630	6.3	E0860 X5	1
A254 X5	2½"	1445	850	210	66	595	410	8.5	E1140 X5	1
A340 X5	3"	1530	900	210	66	595	410	8.5	E1140 X5	1
A360 X5	3"	2125	1250	210	66	815	630	10.5	E1160 X5	1
A390 X5	3"	2550	1500	210	66	975	785	12.0	E1175 X5	1
A391 X5	DN80	2160	1270	450	265	1205	700	58	E139 X5	1
A483 X5	DN100	3100	1824	520	285	1245	700	74	E88 X5	3
A484 X5	DN100	4250	2500	520	285	1245	700	74	E88 X5	4
A686 X5	DN150	6500	3824	680	400	1400	700	165	E88 X5	6
A688 X5	DN150	8720	5130	780	400	1430	700	208	E88 X5	8
A8810 X5	DN200	11000	6470	780	400	1460	700	260	E88 X5	10
A10816 X5	DN250	17000	10000	900	550	1570	700	450	E88 X5	16
A12824 X5	DN300	25500	15000	900	600	1620	700	740	E88 X5	24



A018 X5 to A390 X5

A391 X5 to A12824 X5

Replacements and spare parts (refer to pages 38 – 41)



X5 medium element

differential pressure gauge 65DPUG

specification

Grade	X5	
Maximum particle size class to ISO 8573-1:2001 (E)	3	
Maximum oil content class to ISO 8573-1:2001 (E)	4	
Particle removal	5 micron	
Maximum oil carryover at 20°C (68°F)	5 mg/m ³	4.1 ppm
Maximum temperature	up to 120°C	up to 248°F
Maximum working pressure	16 barg	232 psig
Element end cap colour	green	

technical notes

- 1 Direction of air flow is inside to out through the filter element.
- 2 Pop up indicators (65DPUG) are fitted to models A028 X5 to A058 X5 as standard. Differential pressure indicators (65DPUG) are fitted to models A059 X5 to A390 X5.
- 3 Threaded filters are fitted with float operated automatic drain valves. ADV6000C on models A018 X5 to A058 X5 and ADV6000 on models A059 X5 to A390 X5. Flanged filters are fitted with manual drain valves. On models A391 X5 to A8810 X5, ½" are fitted; ¾" on models A10816 X5 to A12824 X5.
- 4 Models A059 X5 to A390 X5 can be adapted to use ¼" drains with a reducer.
- 5 An additional ½" side entry port is included on models A391 X5 to A8810 X5, ¾" for A10816 X5 and A12824 X5.



Alpha series grade X1 micron removes liquids, particles and coalesced oil aerosols down to 0.1 mg/m³.

fine filtration

X1

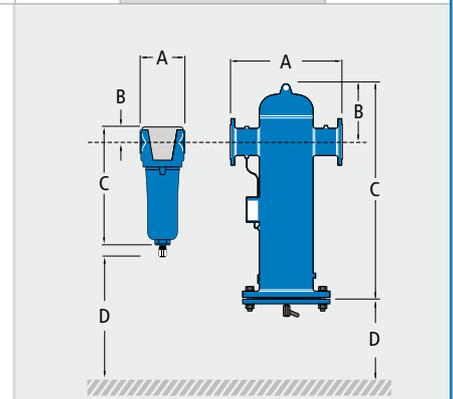
filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model	no. of elements
		Nm ³ /h	SCFM	A	B	C	D			
A018 X1	¼	13.6	8	50	18	152	75	0.3	E0304 X1	1
A019 X1	¼	25.5	15	50	18	152	75	0.3	E0305 X1	1
A028 X1	¼	42.5	25	70	25	191	85	0.6	E0406 X1	1
A038 X1	⅜	59.5	35	70	25	191	95	0.6	E0407 X1	1
A058 X1	½	85.0	50	70	25	232	135	0.7	E0413 X1	1
A059 X1	½	119	70	100	35	276	155	1.6	E0613 X1	1
A078 X1	¾	144	85	100	35	276	155	1.6	E0613 X1	1
A079 X1	¾	212	125	100	35	396	225	2.0	E0620 X1	1
A108 X1	1	229	135	100	35	396	225	2.0	E0620 X1	1
A109 X1	1	297	175	100	35	396	275	2.0	E0625 X1	1
A128 X1	1¼	476	280	122	42	460	320	2.8	E0730 X1	1
A158 X1	1½	545	320	122	42	460	320	2.8	E0730 X1	1
A159 X1	1½	680	400	146	52	482	325	4.2	E0830 X1	1
A208 X1	2	765	450	146	52	482	325	4.2	E0830 X1	1
A209 X1	2	1190	700	146	52	785	630	6.3	E0860 X1	1
A254 X1	2½	1445	850	210	66	595	410	8.5	E1140 X1	1
A340 X1	3	1530	900	210	66	595	410	8.5	E1140 X1	1
A360 X1	3	2125	1250	210	66	815	630	10.5	E1160 X1	1
A390 X1	3	2550	1500	210	66	975	785	12.0	E1175 X1	1
A391 X1	DN80	2160	1270	450	265	1205	700	58	E139 X1	1
A483 X1	DN100	3100	1824	520	285	1245	700	74	E88 X1	3
A484 X1	DN100	4250	2500	520	285	1245	700	74	E88 X1	4
A686 X1	DN150	6500	3824	680	400	1400	700	165	E88 X1	6
A688 X1	DN150	8720	5130	780	400	1430	700	208	E88 X1	8
A8810 X1	DN200	11000	6470	780	400	1460	700	260	E88 X1	10
A10816 X1	DN250	17000	10000	900	550	1570	700	450	E88 X1	16
A12824 X1	DN300	25500	15000	900	600	1620	700	740	E88 X1	24

Replacements and spare parts (refer to pages 38 – 41)



technical notes

- 1 Direction of air flow is inside to out through the filter element.
- 2 Pop up indicators (65DPUG) are fitted to models A028 X1 to A058 X1 as standard. Differential pressure indicators (65DPIG) are fitted to models A059 X1 to A12824 X1.
- 3 Threaded filters are fitted with float operated automatic drain valves. ADV6000C on models A018 X1 to A058 X1 and ADV6000 on models A059 X1 to A390 X1. Flanged filters are fitted with manual drain valves. On models A391 X1 to A8810 X1, ½" are fitted; ¾" on models A10816 X1 to A12824 X1.
- 4 Models A059 X1 to A390 X1 can be adapted to use ¼" drains with a reducer.
- 5 An additional ½" side entry port is included on models A391 X1 to A8810 X1, ¾" for A10816 X1 and A12824 X1.



A018 X1 to A390 X1 | A391 X1 to A12824 X1

specification

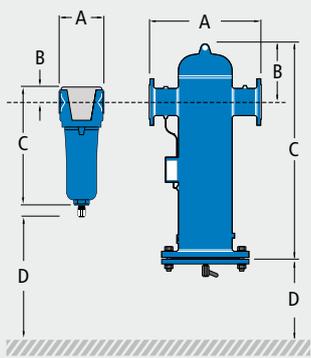
Grade	X1	
Maximum particle size class to ISO 8573-1:2001 (E)	2	
Maximum oil content class to ISO 8573-1:2001 (E)	2	
Particle removal	1 micron	
Maximum oil carryover at 20°C (68°F)	0.1 mg/m ³	0.08 ppm
Maximum temperature	up to 120°C	up to 248°F
Maximum working pressure	16 barg	232 psig
Element end cap colour	red	



Alpha series grade XA filtration removes liquids, sub micron particles and oil aerosols down to 0.01 mg/m³. It is most often used at point of use applications to provide the highest level of filtration.

XA high efficiency filtration

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model	no. of elements
		Nm ³ /h	SCFM	A	B	C	D			
A018 XA	¼	13.6	8	50	18	152	75	0.3	E0304 XA	1
A019 XA	¼	25.5	15	50	18	152	75	0.3	E0305 XA	1
A028 XA	¼	42.5	25	70	25	191	85	0.6	E0406 XA	1
A038 XA	⅜	59.5	35	70	25	191	95	0.6	E0407 XA	1
A058 XA	½	85.0	50	70	25	232	135	0.7	E0413 XA	1
A059 XA	½	119	70	100	35	276	155	1.6	E0613 XA	1
A078 XA	¾	144	85	100	35	276	155	1.6	E0613 XA	1
A079 XA	¾	212	125	100	35	396	225	2.0	E0620 XA	1
A108 XA	1	229	135	100	35	396	225	2.0	E0620 XA	1
A109 XA	1	297	175	100	35	396	275	2.0	E0625 XA	1
A128 XA	1¼	476	280	122	42	460	320	2.8	E0730 XA	1
A158 XA	1½	545	320	122	42	460	320	2.8	E0730 XA	1
A159 XA	1½	680	400	146	52	482	325	4.2	E0830 XA	1
A208 XA	2	765	450	146	52	482	325	4.2	E0830 XA	1
A209 XA	2	1190	700	146	52	785	630	6.3	E0860 XA	1
A254 XA	2½	1445	850	210	66	595	410	8.5	E1140 XA	1
A340 XA	3	1530	900	210	66	595	410	8.5	E1140 XA	1
A360 XA	3	2125	1250	210	66	815	630	10.5	E1160 XA	1
A390 XA	3	2550	1500	210	66	975	785	12.0	E1175 XA	1
A391 XA	DN80	2160	1270	450	265	1205	700	58	E139 XA	1
A483 XA	DN100	3100	1824	520	285	1245	700	74	E88 XA	3
A484 XA	DN100	4250	2500	520	285	1245	700	74	E88 XA	4
A686 XA	DN150	6500	3824	680	400	1400	700	165	E88 XA	6
A688 XA	DN150	8720	5130	780	400	1430	700	208	E88 XA	8
A8810 XA	DN200	11000	6470	780	400	1460	700	260	E88 XA	10
A10816 XA	DN250	17000	10000	900	550	1570	700	450	E88 XA	16
A12824 XA	DN300	25500	15000	900	600	1620	700	740	E88 XA	24



A018 XA to A390 XA | A391 XA to A12824 XA

Replacements and spare parts (refer to pages 38 – 41)



specification

Grade	XA	
Maximum particle size class to ISO 8573-1:2001 (E)	1	
Maximum oil content class to ISO 8573-1:2001 (E)	1	
Particle removal	0.01 micron	
Maximum oil carryover at 20°C (68°F)	0.01 mg/m ³	0.01 ppm
Maximum temperature	up to 120°C	up to 248°F
Maximum working pressure	16 barg	232 psig
Element end cap colour	blue	

- technical notes**
- 1 Direction of air flow is inside to out through the filter element.
 - 2 Pop up indicators (65DPUG) are fitted to models A028 XA to A058 XA as standard. Differential pressure indicators (65DPIG) are fitted to models A059 XA to A12824 XA.
 - 3 Threaded filters are fitted with float operated automatic drain valves. ADV6000C on models A018 XA to A058 XA and ADV6000 on models A059 XA to A390 XA. Flanged filters are fitted with manual drain valves. On models A391 XA to A8810 XA, ½" are fitted; ¾" on models A10816 XA to A12824 XA.
 - 4 Models A059 XA to A390 XA can be adapted to use ¼" drains with a reducer.
 - 5 An additional ½" side entry port is included on models A391 XA to A8810 XA, ¾" for A10816 XA and A12824 XA.



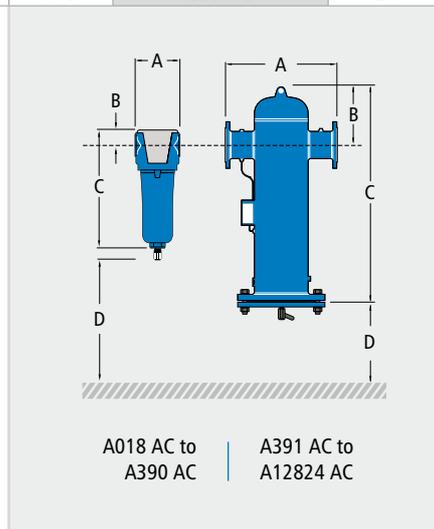
Alpha series grade AC removes odours and tastes from the compressed air supply and provides further oil removal including vapour down to 0.003 mg/m³.

activated carbon filtration

AC

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model	no. of elements
		Nm ³ /h	SCFM	A	B	C	D			
A018 AC	¼"	13.6	8	50	18	152	75	0.3	E0304 AC	1
A019 AC	¼"	25.5	15	50	18	152	75	0.3	E0305 AC	1
A028 AC	¼"	42.5	25	70	25	191	85	0.6	E0406 AC	1
A038 AC	⅜"	59.5	35	70	25	191	95	0.6	E0407 AC	1
A058 AC	½"	85.0	50	70	25	232	135	0.7	E0413 AC	1
A059 AC	½"	119	70	100	35	276	155	1.6	E0613 AC	1
A078 AC	¾"	144	85	100	35	276	155	1.6	E0613 AC	1
A079 AC	¾"	212	125	100	35	396	225	2.0	E0620 AC	1
A108 AC	1"	229	135	100	35	396	225	2.0	E0620 AC	1
A109 AC	1"	297	175	100	35	396	275	2.0	E0625 AC	1
A128 AC	1¼"	476	280	122	42	460	320	2.8	E0730 AC	1
A158 AC	1½"	545	320	122	42	460	320	2.8	E0730 AC	1
A159 AC	1½"	680	400	146	52	482	325	4.2	E0830 AC	1
A208 AC	2"	765	450	146	52	482	325	4.2	E0830 AC	1
A209 AC	2"	1190	700	146	52	785	630	6.3	E0860 AC	1
A254 AC	2½"	1445	850	210	66	595	410	8.5	E1140 AC	1
A340 AC	3"	1530	900	210	66	595	410	8.5	E1140 AC	1
A360 AC	3"	2125	1250	210	66	815	630	10.5	E1160 AC	1
A390 AC	3"	2550	1500	210	66	975	785	12.0	E1175 AC	1
A391 AC	DN80	2160	1270	450	265	1205	700	58	E139 AC	1
A483 AC	DN100	3100	1824	520	285	1245	700	74	E88 AC	3
A484 AC	DN100	4250	2500	520	285	1245	700	74	E88 AC	4
A686 AC	DN150	6500	3824	680	400	1400	700	165	E88 AC	6
A688 AC	DN150	8720	5130	780	400	1430	700	208	E88 AC	8
A8810 AC	DN200	11000	6470	780	400	1460	700	260	E88 AC	10
A10816 AC	DN250	17000	10000	900	550	1570	700	450	E88 AC	16
A12824 AC	DN300	25500	15000	900	600	1620	700	740	E88 AC	24

Replacements and spare parts (refer to pages 38 – 41)



specification

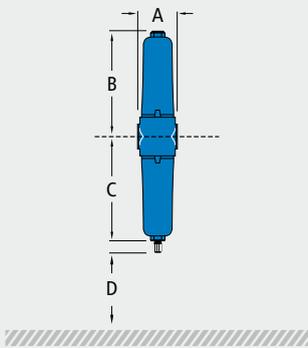
technical notes	1	Grade	AC	
Direction of air flow is inside to out through the filter element.	1	Maximum particle size class to ISO 8573-1:2001 (E)	1	
Activated carbon filters do not include differential pressure equipment.	2	Maximum oil content class to ISO 8573-1:2001 (E)	1	
Semi automatic drain valves SDV25 are fitted to models A018 AC to A390 AC. On models A391 AC to A8810 AC, ½" manual drain valves are fitted; ¾" on models A10816 AC and A12824 AC.	3	Particle removal	0.01 micron	
Models A059 AC to A390 AC can be adapted to use ¼" drains with a reducer.	4	Maximum oil carryover at 20°C (68°F)	0.003 mg/m ³	0.003 ppm
Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO ₂).	5	Maximum temperature	25°C	77°F
		Maximum working pressure	16 barg	232 psig
		Element end cap colour	black	



The alpha series XAC duplex range of filters offers a space saving, economical filtration solution. Duplex filters combine an XA 0.01 micron coalescing filter element which reduces oil concentrations and an AC, secondary activated carbon filter element which removes vapours, odours and tastes.

2 stage duplex filtration

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model	no. of elements
		Nm ³ /h	SCFM	A	B	C	D			
D028 XAC	¼	42.5	25	70	163	159	85	0.9	E0406 XA / E0406 DAC	1/1
D038 XAC	⅜	59.5	35	70	163	159	95	0.9	E0407 XA / E0407 DAC	1/1
D058 XAC	½	85.0	50	70	204	200	135	1.0	E0413 XA / E0413 DAC	1/1
D059 XAC	½	119	70	100	240	236	155	2.3	E0613 XA / E0613 DAC	1/1
D078 XAC	¾	144	85	100	240	236	155	2.3	E0613 XA / E0613 DAC	1/1
D079 XAC	¾	212	125	100	360	356	225	3.1	E0620 XA / E0620 DAC	1/1
D108 XAC	1	229	135	100	360	356	225	3.1	E0620 XA / E0620 DAC	1/1
D109 XAC	1	297	175	100	360	356	275	3.2	E0625 XA / E0625 DAC	1/1



D028 XAC to D109 XAC

Replacements and spare parts (refer to pages 38 – 41)



specification

Grade	XA		AC	
Maximum particle size class to ISO 8573-1:2001 (E)	1		1	
Maximum oil content class to ISO 8573-1:2001 (E)	1		1	
Maximum temperature	25°C	77°F	25°C	77°F
Maximum working pressure	16 barg	232 psig	16 barg	232 psig
Element end cap colour	blue XA (bottom element)		black activated carbon (top element)	

technical notes

- Duplex filters offer 2 stage filtration within one filter unit. Each filtration package provides an XA grade element in the lower section for oil removal, while the AC grade element in the upper section is for odour removal.
- Direction of air flow is inside to out through XA grade and outside to in through AC grade filter element.
- ADV6000C drains are fitted to models D028 XAC to D058 XAC; ADV6000 drains are fitted to D059 XAC to D109 XAC.
- Models D059 XAC to D109 XAC can be adapted to use ¼" drains with a reducer.
- Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).



Walker Filtration offer alpha series dust removal filters for installation downstream of regenerative compressed air and gas dryers. These filters ensure protection of the equipment from dust carryover. Grade RAC will also remove odours.

dust filtration

RX

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model	no. of elements
		Nm ³ /h	SCFM	A	B	C	D			
A018 (grade)	¼	13.6	8	50	18	152	75	0.3	E0304 (grade)	1
A019 (grade)	¼	25.5	15	50	18	152	75	0.3	E0305 (grade)	1
A028 (grade)	¼	42.5	25	70	25	191	85	0.6	E0406 (grade)	1
A038 (grade)	⅜	59.5	35	70	25	191	95	0.6	E0407 (grade)	1
A058 (grade)	½	85.0	50	70	25	232	135	0.7	E0413 (grade)	1
A059 (grade)	½	119	70	100	35	276	155	1.6	E0613 (grade)	1
A078 (grade)	¾	144	85	100	35	276	155	1.6	E0613 (grade)	1
A079 (grade)	¾	212	125	100	35	396	225	2.0	E0620 (grade)	1
A108 (grade)	1	229	135	100	35	396	225	2.0	E0620 (grade)	1
A109 (grade)	1	297	175	100	35	396	275	2.0	E0625 (grade)	1
A128 (grade)	1¼	476	280	122	42	460	320	2.8	E0730 (grade)	1
A158 (grade)	1½	545	320	122	42	460	320	2.8	E0730 (grade)	1
A159 (grade)	1½	680	400	146	52	482	325	4.2	E0830 (grade)	1
A208 (grade)	2	765	450	146	52	482	325	4.2	E0830 (grade)	1
A209 (grade)	2	1190	700	146	52	785	630	6.3	E0860 (grade)	1
A254 (grade)	2½	1445	850	210	66	595	410	8.5	E1140 (grade)	1
A340 (grade)	3	1530	900	210	66	595	410	8.5	E1140 (grade)	1
A360 (grade)	3	2125	1250	210	66	815	630	10.5	E1160 (grade)	1
A390 (grade)	3	2550	1500	210	66	975	785	12.0	E1175 (grade)	1
A391 (grade)	DN80	2160	1270	450	265	1205	700	58	E139 (grade)	1
A483 (grade)	DN100	3100	1824	520	285	1245	700	74	E88 (grade)	3
A484 (grade)	DN100	4250	2500	520	285	1245	700	74	E88 (grade)	4
A686 (grade)	DN150	6500	3824	680	400	1400	700	165	E88 (grade)	6
A688 (grade)	DN150	8720	5130	780	400	1430	700	208	E88 (grade)	8
A8810 (grade)	DN200	11000	6470	780	400	1460	700	260	E88 (grade)	10
A10816 (grade)	DN250	17000	10000	900	550	1570	700	450	E88 (grade)	16
A12824 (grade)	DN300	25500	15000	900	600	1620	700	740	E88 (grade)	24

specification

Grade	RX25		RX5		RX1		RXA		RAC	
Particle removal	25 micron		5 micron		1 micron		0.1 micron		0.01 micron	
Maximum oil carryover at 20°C (68°F)	-		-		-		-		0.003 mg/m ³	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Maximum working pressure	16 barg	232 psig	16 barg	232 psig	16 barg	232 psig	16 barg	232 psig	16 barg	232 psig
Element end cap colour	black		green		red		blue		black	

Replacements and spare parts (refer to pages 38 – 41)



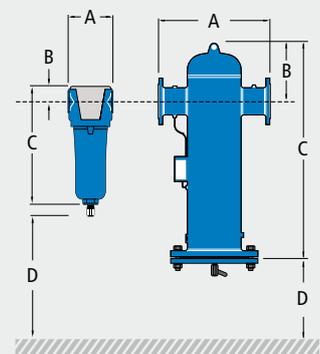
manual drain valve
MDV 25



differential
pressure gauge
65DPIG

technical notes

- Direction of air flow is outside to in through the filter element.
- Pop up indicators (65DPUG) are fitted to models A028 to A058 as standard. Differential pressure indicators (65DPIG) are fitted to models A059 to A12824. AC grade filters do not include DP equipment.
- Threaded filters are fitted with float operated automatic drain valves. ADV6000C on models A018 to A058 and ADV6000 on models A059 to A390. Flanged filters are fitted with manual drain valves. On models A391 to A8810, ½" are fitted; ¾" on models A10816 to A12824.
- Models A059 to A390 can be adapted to use ¼" drains with a reducer.
- An additional ½" side entry port is included on models A391 to A8810, ¾" for A10816 and A12824.
- Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).



A018 (grade) to
A390 (grade) | A391 (grade) to
A12824 (grade)

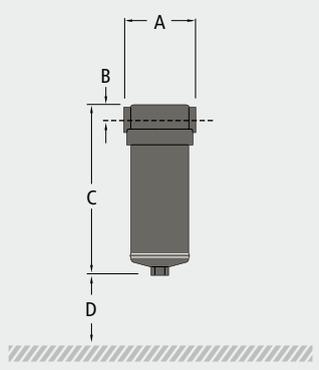




HT high temperature dust filtration

High temperature dust filters are essential for use in specialist high temperature applications. These products are used downstream of heat regenerative dryers, where for short periods of time, the temperature of the air may reach a maximum of 250°C / 482°F.

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model
		Nm ³ /h	SCFM	A	B	C	D		
HT25 (grade)	¼"	35	20	85	18	170	75	1.7	E50 (grade)
HT31 (grade)	⅜"	52	30	85	18	205	100	2.0	E51 (grade)
HT50 (grade)	½"	108	63	85	18	225	100	2.2	E52 (grade)
HT75 (grade)	¾"	216	127	110	27	270	150	4.0	E715 (grade)
HT101 (grade)	1"	300	176	110	27	420	300	5.0	E730 (grade)
HT150 (grade)	1½"	725	427	150	45	525	300	15.0	E830 (grade)
HT200 (grade)	2"	800	470	150	45	525	300	15.0	E830 (grade)
HT201 (grade)	2"	1150	675	150	45	825	500	21.0	E86 (grade)



HT25 to HT201

specification

Grade	HRX5		HRX1		HRXA	
Particle removal	5 micron		1 micron		0.01 micron	
Maximum temperature	250°C	482°F	250°C	482°F	250°C	482°F
Maximum working pressure	16 barg	232 psig	16 barg	232 psig	16 barg	232 psig
Element end cap material	stainless steel					

technical notes

- 1 High temperature filters are manufactured from 316 grade stainless steel and are uncoated.
- 2 Direction of air flow is outside to in through the filter element.
- 3 High temperature threaded filters are supplied without a drain valve.
- 4 Drain ports are ⅛" on models HT25 to HT50 and ¼" on models HT75 to HT201.



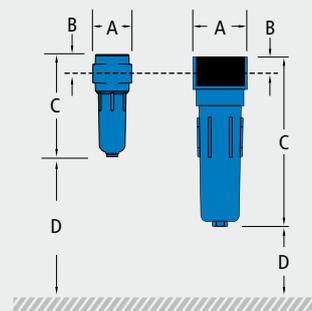
Manufactured from aluminium, the 20 barg (300 psig) range of filters offer flows up to 2580 SCFM (4383 Nm³/hr). These products are ideally suited for high pressure industrial use, such as high pressure testing.



alloy high pressure filters

20 barg

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model
		Nm ³ /h	SCFM	A	B	C	D		
20HP25 (grade)	¼	59	35	72	35	184	75	0.65	E1003 (grade)
20HP37 (grade)	⅜	85	50	72	35	184	75	0.65	E1503 (grade)
20HP50 (grade)	½	110	65	114	38	270	152	2.0	E2005 (grade)
20HP75 (grade)	¾	219	129	114	38	270	152	2.0	E2505 (grade)
20HP100 (grade)	1	292	172	114	38	352	152	2.5	E2008 (grade)
20HP101 (grade)	1	438	258	114	38	352	152	2.5	E2508 (grade)
20HP150 (grade)	1½	658	387	146	51	490	165	5.0	E2512 (grade)
20HP151 (grade)	1½	877	516	146	51	490	165	5.0	E2712 (grade)
20HP200 (grade)	2	1315	774	146	51	490	165	5.0	E3012 (grade)
20HP201 (grade)	2	1899	1118	146	51	685	165	6.0	E3020 (grade)
20HP300 (grade)	3	2922	1720	229	64	681	178	15.0	E5020 (grade)
20HP301 (grade)	3	3653	2150	229	64	810	178	15.0	E5024 (grade)
20HP302 (grade)	3	4383	2580	229	64	962	178	16.0	E5030 (grade)



20HP25 (grade) to 20HP37 (grade) | 20HP50 (grade) to 20HP302 (grade)

specification

Coalescing filter element grades

Grade	X25		X5		X1		XA		AC	
Particle removal	25 micron		5 micron		1 micron		0.01 micron		0.01 micron	
Maximum oil carryover at 20°C (68°F)	10 mg/m ³	8.2 ppm	5 mg/m ³	4.1 ppm	0.1 mg/m ³	0.1 ppm	0.01 mg/m ³	0.01 ppm	0.003 mg/m ³	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Maximum working pressure	20 barg (300 psig)									
Element end cap colour	black									

Dust filter element grades

Grade	RX25		RX5		RX1		RXA		RAC	
Particle removal	25 micron		5 micron		1 micron		0.01 micron		0.01 micron	
Maximum oil carryover at 20°C (68°F)	-	-	-	-	-	-	-	-	0.003 mg/m ³	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Maximum working pressure	20 barg (300 psig)									
Element end cap colour	black									

technical notes

- 1 The direction of air flow is inside to out through the filter element for coalescing grades and outside to in through the filter element for dust grades.
- 2 All alloy high pressure filters are supplied with a drain plug. High pressure drains are available, see page 39.
- 3 Differential pressure indicators are available for 20 barg applications.
- 4 Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).



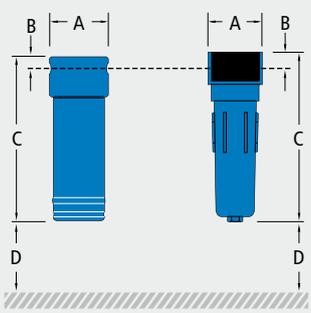


50 barg

Walker Filtration manufacture a range of 50 barg (725 psig) high pressure filters using machined or die cast aluminium components. Ideally suited to a wide range of industrial applications such as pharmaceutical testing, packaging and PET bottle manufacturing.

alloy high pressure filters

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model
		Nm ³ /h	SCFM	A	B	C	D		
50HP25 (grade)	¼	160	94	63	15	150	50	0.3	HP1535 (grade)
50HP37 (grade)	⅜	250	147	63	15	190	50	0.3	HP1550 (grade)
50HP50 (grade)	½	450	265	114	38	305	150	2.6	HP2040 (grade)
50HP75 (grade)	¾	550	324	114	38	305	150	2.6	HP2540 (grade)
50HP101 (grade)	1	835	492	114	38	395	150	3.3	HP2080 (grade)
50HP150 (grade)	1½	1250	736	146	50	435	170	7.5	HP2580 (grade)
50HP151 (grade)	1½	1725	1015	146	50	435	170	7.5	HP2512 (grade)
50HP200 (grade)	2	1925	1132	146	50	435	170	7.5	HP2512 (grade)
50HP201 (grade)	2	3200	1882	146	50	635	170	10.0	HP2520 (grade)



50HP25 (grade) to 50HP37 (grade) | 50HP50 (grade) to 50HP201 (grade)

specification

Coalescing filter element grades												
Grade	WS		X25		X5		X1		XA		AC	
Particle removal	-		25 micron		5 micron		1 micron		0.01 micron		0.01 micron	
Maximum oil carryover at 20°C (68°F)	-		10 mg/m ³	8.2 ppm	5 mg/m ³	4.1ppm	0.1 mg/m ³	0.1 ppm	0.01 mg/m ³	0.01 ppm	0.003 mg/m ³	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Maximum working pressure	50 barg (725 psig)											
Element end cap colour	black											

Dust filter element grades												
Grade	RX25		RX5		RX1		RXA		RAC			
Particle removal	25 micron		5 micron		1 micron		0.01 micron		0.01 micron			
Maximum oil carryover at 20°C (68°F)	-		-		-		-		-		0.003 mg/m ³	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Maximum working pressure	50 barg (725 psig)											
Element end cap colour	black											

technical notes

- The direction of air flow is inside to out through the filter element for coalescing grades and outside to in through the filter element for dust grades.
- All alloy high pressure filters are supplied with a drain plug. High pressure drains are available, see page 39.
- Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).



Manufactured from high grade stainless steel, these filters operate at pressures up to 350 barg (5000 psig). Ideally suited to industries such as PET bottle blowing, offshore, instrumentation, medical, as well as heavy industrial environments.

stainless steel high pressure filters

HP

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model
		Nm ³ /h	SCFM	A	B	C	D		
50 barg (725 psig) maximum working pressure									
C25 (grade)	¼	100	60	85	18	170	75	1.7	E50 (grade)
C37 (grade)	⅜	200	120	85	18	205	100	2.0	E51 (grade)
C50 (grade)	½	340	200	85	18	255	100	2.2	E52 (grade)
C75 (grade)	¾	500	300	110	27	270	150	4.0	E715 (grade)
C101 (grade)	1	1000	600	110	27	420	300	5.0	E730 (grade)
C150 (grade)	1½	1700	1000	150	45	525	300	15.0	E830 (grade)
C200 (grade)	2	2040	1200	150	45	525	300	15.0	E830 (grade)
C201 (grade)	2	3400	2000	150	45	825	500	21.0	E86 (grade)
100 barg (1450 psig) maximum working pressure									
100HP24 (grade)	¼	100	60	65	20	135	70	3.2	HP371 (grade)
100HP49 (grade)	½	315	185	65	20	250	180	5.6	HP381 (grade)
100HP75 (grade)	¾	460	270	88	20	275	250	6.1	HP420 (grade)
100HP100 (grade)	1	680	400	132	26	265	150	10.5	HP710 (grade)
100HP101 (grade)	1	1200	700	132	26	480	300	14.7	HP730 (grade)
100HP150 (grade)	1½	1700	1000	150	45	525	300	22.0	HP830 (grade)
100HP200 (grade)	2	3400	2000	150	45	825	500	28.0	HP860 (grade)
350 barg (5000 psig) maximum working pressure									
350HP24 (grade)	¼	48	28	41	10	103	60	1.6	HP261 (grade)
350HP26 (grade)	¼	111	67	65	20	135	70	3.2	HP371 (grade)
350HP50 (grade)	½	255	150	88	20	210	150	5.6	HP410 (grade)
350HP75 (grade)	¾	510	300	88	25	280	250	6.1	HP420 (grade)
350HP100 (grade)	1	750	445	150	35	330	200	14.5	HP710 (grade)
350HP101 (grade)	1	1330	775	150	35	480	300	17.4	HP730 (grade)

specification

Coalescing filter element grades

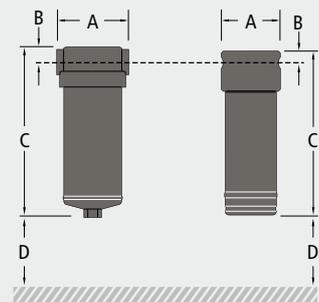
Grade	WS		X25		X5		X1		XA		AC	
Particle removal	-		25 micron		5 micron		1 micron		0.01 micron		0.01 micron	
Maximum oil carryover at 20°C (68°F)	-		10 mg/m ³	8.2 ppm	5 mg/m ³	4.1 ppm	0.1 mg/m ³	0.1 ppm	0.01 mg/m ³	0.01 ppm	0.003 mg/m ³	0.003 ppm
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Element end cap colour	-		black		green		red		blue		black	

Dust filter element grades

Grade	RX25		RX5		RX1		RXA		RAC	
Particle removal	25 micron		5 micron		1 micron		0.01 micron		0.01 micron	
Maximum oil carryover at 20°C (68°F)	-		-		-		-		0.003 mg/m ³ 0.003 ppm	
Maximum temperature	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	25°C	77°F
Element end cap colour	black		green		red		blue		black	

technical notes

- Direction of air flow is inside to out through filter elements for coalescing grades and outside to in through the filter element for dust grades.
- All high pressure filters are supplied with a drain plug. High pressure drains are available, see page 39.
- Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).
- Filter element end caps are colour coded on 'C' range and stainless steel on 100HP and 350HP range.



C25 (grade) to C201 (grade) | 100HP24 (grade) to 350HP101 (grade)



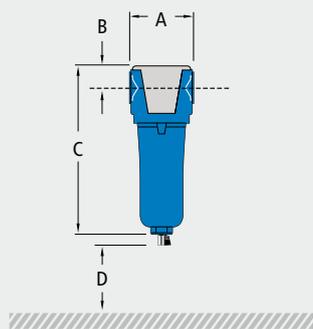
MS

Our range of alpha series medical sterile filters has been specifically designed for medical compressed air plants, as used in hospitals throughout the world. This range meets all requirements of the UK Health Technical Memorandum 02-01 guidance on medical gas pipeline systems.

medical sterile filters

MARCH 2010

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model
		Nm ³ /h	SCFM	A	B	C	D		
A019 MS	¼	25.5	15	50	18	152	75	0.5	E0305 SR
A028 MS	¼	42.5	25	70	25	191	85	0.8	E0407 SR
A038 MS	⅜	59.5	35	70	25	191	95	0.8	E0407 SR
A058 MS	½	85.0	50	70	25	232	135	0.9	E0413 SR
A059 MS	½	119	70	100	35	276	155	2.0	E0613 SR
A078 MS	¾	144	85	100	35	276	155	2.0	E0613 SR
A109 MS	1	297	175	100	35	396	275	2.4	E0625 SR
A128 MS	1¼	476	280	122	42	460	320	3.3	E0730 SR
A158 MS	1½	545	320	122	42	460	320	3.3	E0730 SR
A159 MS	1½	680	400	146	52	482	325	4.9	E0830 SR
A208 MS	2	765	450	146	52	482	325	4.9	E0830 SR
A209 MS	2	1190	700	146	52	785	630	7.0	E0860 SR
A254 MS	2½	1445	850	210	66	595	410	9.6	E1140 SR
A340 MS	3	1530	900	210	66	595	410	9.6	E1140 SR
A360 MS	3	2125	1250	210	66	815	630	11.6	E1160 SR
A390 MS	3	2550	1500	210	66	975	785	13.1	E1175 SR



A019 MS to A390 MS

Replacements and spare parts (refer to pages 38 – 41)



sterile filter element

specification

Grade	SR	
Particle removal	0.01 micron	
Maximum temperature	120°C (50°C recommended)	248°F (122°F recommended)
Maximum autoclave temperature	134°C	273°F
Maximum working pressure	16 barg	232 psig
Element end cap material	stainless steel	

technical notes

- 1 Filter element endcaps are stainless steel.
- 2 Direction of air flow is outside to in through the filter element.
- 3 Pop up indicators (65DPUG) are fitted to models A028 MS, A038 MS and A058 MS as standard. Differential pressure indicators (65DPiG) are fitted to models A059 MS to A390 MS as standard.
- 4 Manual drain valves are fitted to all models. Models A059 MS to A390 MS can be adapted to use ¼" drains with a reducer.
- 5 Medical sterile filter elements must not operate in water or oil saturated conditions.
- 6 Maximum steam sterilising temperature refers to the filter element ONLY. Grade SR filter elements can be steam sterilised 100 times. Each element must be autoclaved before commencement of duty.
- 7 Pre filtration should be used in conjunction with 0.01 micron sterile filters.



Autoclave filters are recommended for use in sterilising atmospheric air entering hospital and laboratory sterilisers during the vacuum break cycle.

autoclave filter elements

AF

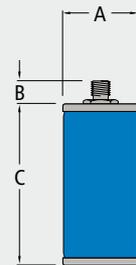
filter model	connection size	flow rate		dimensions (mm)			weight (Kg)
		Nm ³ /h	SCFM	A	B	C	
AF1	Rp 1/2	20	12	83	23	103	0.29
AF2	Rp 1/2	40	24	83	23	183	0.35
AF1 socks	foam prefilter socks to fit AF1 (pack of ten)						
AF2 socks	foam prefilter socks to fit AF2 (pack of ten)						

specification

Grade	AF	
Particle removal	0.01 micron	
Penetration at 0.3 micron	<0.001%	
Maximum steam sterilisation temperature	134°C	273°F
Element end cap material	zinc plated steel	

technical notes

- Autoclave filter elements are manufactured from corrosion resistant materials and are designed specifically to operate in arduous environments.
- The elements can be steam sterilised at 134°C (273°F) and are guaranteed for up to 50 sterilisation cycles.
- High efficiency borosilicate glass microfibre filter media offers over 95% voids volume providing exceptionally high dirt holding capacity for long service life.
- Borosilicate glass microfibre media will not allow 'grow through' of bacteria and assures complete protection against the ingress of contamination.
- Each autoclave filter is supplied with a replaceable outer foam pre-filtration sock. This provides protection to the high efficiency microfibre media against large atmospheric dirt particles.



AF1 & AF2



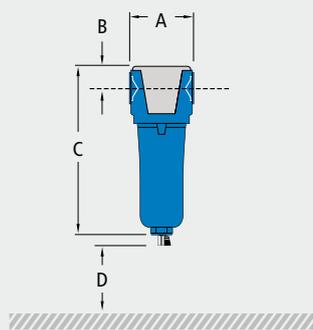
VLR VX1

Our range of alpha series vacuum pump protection filters have a rating of 0.1 Torr and are suitable for both rough and high vacuum applications.

vacuum pump protection filters

MARCH 2010

filter model	pipe size	exhaust flow rate (vacuum displacement)		dimensions (mm)				weight Kg	element model
		Nm ³ /h	SCFM	A	B	C	D		
A038 (grade)	3/8	7	4.1	70	25	191	95	0.6	E0407 (grade)
A058 (grade)	1/2	11	6.5	70	25	232	135	0.7	E0413 (grade)
A059 (grade)	1/2	20	11.8	100	35	276	155	1.6	E0613 (grade)
A078 (grade)	3/4	25	14.7	100	35	276	155	1.6	E0613 (grade)
A079 (grade)	3/4	35	20.6	100	35	396	225	2.0	E0620 (grade)
A108 (grade)	1	40	23.5	100	35	396	225	2.0	E0620 (grade)
A109 (grade)	1	50	29.4	100	35	396	275	2.0	E0625 (grade)
A128 (grade)	1 1/4	75	44.1	122	42	460	320	2.8	E0730 (grade)
A158 (grade)	1 1/2	85	50.0	122	42	460	320	2.8	E0730 (grade)
A159 (grade)	1 1/2	100	59.0	146	52	482	325	4.2	E0830 (grade)
A208 (grade)	2	115	67.5	146	52	482	325	4.2	E0830 (grade)
A209 (grade)	2	180	106	146	52	785	630	6.3	E0860 (grade)
A254 (grade)	2 1/2	200	118	210	66	595	410	8.5	E1140 (grade)
A340 (grade)	3	235	138	210	66	595	410	8.5	E1140 (grade)
A360 (grade)	3	360	212	210	66	815	630	10.5	E1160 (grade)
A390 (grade)	3	490	288	210	66	975	785	12.0	E1175 (grade)



A038 (grade) to A390 (grade)

specification

Grade	VLR		VX1	
Particle removal	5 micron		1 micron	
Maximum temperature	120°C	248°F	120°C	248°F
Maximum working pressure	16 barg	232 psig	16 barg	232 psig
Maximum working vacuum	full vacuum		full vacuum	
Element end cap colour code	green		red	

technical notes

- 1 Direction of air flow is inside to out through the filter element.
- 2 Pop up indicators (65DPUGA-100) are fitted to models A038 to A058. Differential pressure gauges (65DPG250G) are fitted to models A059 to A390 as standard.
- 3 Manual drain valves are fitted to all models. Models A059 to A390 can be adapted to use 1/4" drains with a reducer.
- 4 Drain flasks are available for liquid collection for use at atmospheric pressure or vacuum only.



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email sales@walkerfiltration.co.uk web www.walkerfiltration.com

Walker Filtration offer three types of alpha series vacuum pump exhaust filters, all of which are designed for oil mist removal from oil injected vacuum pumps.

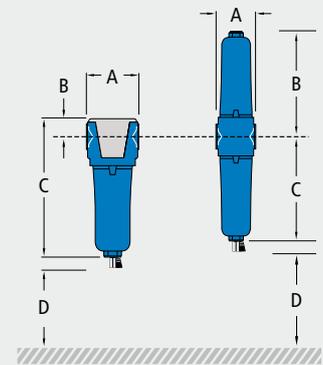
vacuum pump exhaust filters

EF

filter model	pipe size	exhaust flow rate (vacuum displacement)		dimensions (mm)				weight Kg	element model
		Nm ³ /h	SCFM	A	B	C	D		
A038 EF	3/8	7	4.1	70	25	191	95	0.6	E0407 EF
A058 EF	1/2	11	6.5	70	25	232	135	0.7	E0413 EF
A059 EF	1/2	20	11.8	100	35	276	155	1.6	E0613 EF
A078 EF	3/4	25	14.7	100	35	276	155	1.6	E0613 EF
A079 EF	3/4	35	20.6	100	35	396	225	2.0	E0620 EF
A108 EF	1	40	23.5	100	35	396	225	2.0	E0620 EF
A109 EF	1	50	29.4	100	35	396	275	2.0	E0625 EF
A128 EF	1 1/4	75	44.1	122	42	460	320	2.8	E0730 EF
A158 EF	1 1/2	85	50.0	122	42	460	320	2.8	E0730 EF
A159 EF	1 1/2	100	59.0	146	52	482	325	4.2	E0830 EF
A208 EF	2	115	67.5	146	52	482	325	4.2	E0830 EF
A209 EF	2	180	106	146	52	785	630	6.3	E0860 EF
A254 EF	2 1/2	200	118	210	66	595	410	8.5	E1140 EF
A340 EF	3	235	138	210	66	595	410	8.5	E1140 EF
A360 EF	3	360	212	210	66	815	630	10.5	E1160 EF
A390 EF	3	490	288	210	66	975	785	12.0	E1175 EF
D038 EFC	3/8	7	4.1	70	163	159	95	0.9	E0407 EF / E0407 AC
D058 EFC	1/2	11	6.5	70	204	200	135	1.0	E0413 EF / E0413 AC
D059 EFC	1/2	20	11.8	100	240	236	155	2.3	E0613 EF / E0613 AC
D078 EFC	3/4	25	14.7	100	240	236	155	2.3	E0613 EF / E0613 AC
D079 EFC	3/4	35	20.6	100	360	356	225	3.1	E0620 EF / E0620 AC
D108 EFC	1	40	23.5	100	360	356	225	3.1	E0620 EF / E0620 AC
D109 EFC	1	50	29.4	100	360	356	275	3.2	E0625 EF / E0625 AC

specification

Grade	EF		AC	
Particle removal	0.1 micron		0.1 micron	
Maximum oil carryover at 20°C (68°F)	1 mg/m ³	0.82 ppm	1 mg/m ³	0.82 ppm
Maximum temperature	120°C	248°F	120°C	248°F
Element end cap colour code	black		black	



A038 EF to
A390 EF

D038 EFC to
D109 EFC

technical notes

- Duplex filters offer 2 stage filtration within one filter unit. Each filtration package provides an EF grade element in the lower section for oil removal, while the AC grade element in the upper section is for odour removal.
- Direction of air flow is inside to out through EF grade and outside to in through AC grade filter element.
- Differential pressure (DP) equipment fitted as standard (excluding AC grade filters): 65DPUGA-100 pop-up indicators to models A038 to A058, 65DPG250G gauges to models A059 to A390.
- Manual drain valves are fitted to all models. Models A059/D059 to A109/D109 can be adapted to use 1/4" drains with a reducer.
- Drain flasks are available for liquid collection, for use at atmospheric pressure or vacuum only.
- Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).



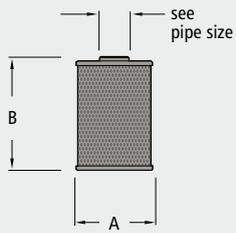


OS odasorb exhaust filters

For rotary vane type pumps with internal oil separation, Odasorb exhaust filters are fitted directly to the pump outlet to provide a safe working environment.

MARCH 2010

filter model	pipe size	flow rate		dimensions		weight Kg
		Nm ³ /h	SCFM	A	B	
OS50	¾	50	30	80	150	0.8
OS75	1	75	45	100	150	0.9
OS100	1¼	100	60	130	150	1.0
OS150	1½	150	90	130	250	1.1
OS200	2	250	150	130	300	1.2



OS50 to OS200

specification

Specification	OS	
Maximum temperature	120°F	248°F
Element end cap material	zinc plated steel	

technical notes

- 1 Activated carbon filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).
- 2 Odasorb products must be changed at least every six months.



The Walker Filtration range of alpha series medical vacuum filters are designed to protect centralised hospital vacuum plant installations from liquid, solid and bacterial contamination, as specified in the UK Health Technical Memorandum 02-01 guidance.

medical vacuum filters

MV

filter model	pipe size	free air capacity at atmospheric pressure		dimensions (mm)				weight Kg	element model	No. of elements
		Nm ³ /h	SCFM	A	B	C	D			
A028 MV	¼	3.5	2.1	70	25	191	85	0.6	E0406 MV	1
A038 MV	⅜	5	2.9	70	25	191	95	0.6	E0407 MV	1
A058 MV	½	7	4.1	70	25	232	135	0.7	E0413 MV	1
A059 MV	½	12	7.1	100	35	276	155	1.6	E0613 MV	1
A078 MV	¾	15	8.8	100	35	276	155	1.6	E0613 MV	1
A079 MV	¾	25	14.7	100	35	396	225	2.0	E0620 MV	1
A108 MV	1	33	19.4	100	35	396	225	2.0	E0620 MV	1
A109 MV	1	45	26.5	100	35	396	275	2.0	E0625 MV	1
A128 MV	1¼	60	35.3	122	42	460	320	2.8	E0730 MV	1
A158 MV	1½	70	41.2	122	42	460	320	2.8	E0730 MV	1
A159 MV	1½	95	55.9	146	52	482	325	4.2	E0830 MV	1
A208 MV	2	120	70.6	146	52	482	325	4.2	E0830 MV	1
A209 MV	2	175	103	146	52	785	630	6.3	E0860 MV	1
A254 MV	2½	190	112	210	66	595	410	8.5	E1140 MV	1
A340 MV	3	200	118	210	66	595	410	8.5	E1140 MV	1
A360 MV	3	225	132	210	66	815	630	10.5	E1160 MV	1
A390 MV	3	265	156	210	66	975	785	12.0	E1175 MV	1
A391 MV	DN80	330	194	450	265	1205	n/a	58	E139 MV	1
A483 MV	DN100	406	238	520	285	1245	n/a	74	E88 MV	3
A484 MV	DN100	492	289	520	285	1245	n/a	74	E88 MV	4
A686 MV	DN150	660	388	680	400	1400	n/a	165	E88 MV	6

Replacements and spare parts (refer to pages 38 – 41)



MV element

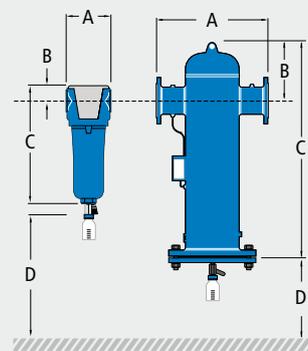
specification

Grade	MV	
Particle removal efficiency*	>99.995%	
Maximum temperature	60°C	140°F
Maximum working pressure	0.5 barg	7 psig (see note 5)
Maximum working vacuum	full vacuum	
Element end cap colour code	black	

* in accordance with BS 3928-1969

technical notes

- Direction of air flow is outside to in through the filter element.
- Pop up indicators (65DPUGA-100) are fitted to models A028 MV to A058 MV as standard. Differential pressure gauges (65DPG250G) are fitted to models A059 MV to A390 MV as standard. Differential pressure gauges are fitted to all flanged models.
- Manual drain valves (MDV25) are fitted to all models. Sterilisable glass drain flasks are supplied as standard, 100ml for models A028 MV to A078 MV and 250ml for A079 MV to A390 MV. An additional ½" side entry drain port is included on models A391 MV to A686 MV.
- Flow rates shown above are free air conditions when operating at atmospheric pressure.
- Pressure for leak testing purposes MUST be limited to 7 barg and only applied with the drain valve and drain flask REMOVED.



A028 MV to
A390 MV

A391 MV to
A686 MV

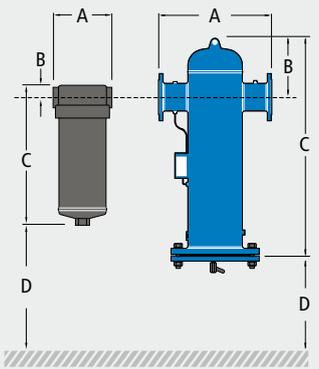




Ammonia and refrigerant filters have been designed for use in specialist applications where the quality and cleanliness of the gas needs to be maintained to the highest level.

ammonia & refrigerant filters

filter model	pipe size	flow rate		dimensions (mm)				weight Kg	element model	No. of elements
		Nm ³ /h	SCFM	A	B	C	D			
C25 (grade)	¼	35	20	85	18	170	75	1.7	E50 (grade) NH ₃	1
C37 (grade)	⅜	52	30	85	18	205	100	2.0	E51 (grade) NH ₃	1
C50 (grade)	½	108	63	85	18	255	100	2.2	E52 (grade) NH ₃	1
C75 (grade)	¾	216	127	110	27	270	150	4.0	E715 (grade) NH ₃	1
C101 (grade)	1	300	176	110	27	420	300	5.0	E730 (grade) NH ₃	1
C150 (grade)	1½	725	427	150	45	525	300	15.0	E830 (grade) NH ₃	1
C200 (grade)	2	800	470	150	45	525	300	15.0	E830 (grade) NH ₃	1
C201 (grade)	2	1150	675	150	45	825	500	21.0	E86 (grade) NH ₃	1
A371 (grade)	DN80	2160	1270	450	265	1205	700	58	E139 (grade) NH ₃	1
A473 (grade)	DN100	3100	1824	520	285	1245	700	74	E88 (grade) NH ₃	3
A474 (grade)	DN100	4250	2500	520	285	1245	700	74	E88 (grade) NH ₃	4
A676 (grade)	DN150	6500	3824	680	400	1400	700	165	E88 (grade) NH ₃	6
A678 (grade)	DN150	8720	5130	780	400	1430	700	208	E88 (grade) NH ₃	8
A8710 (grade)	DN200	11000	6470	780	400	1460	700	260	E88 (grade) NH ₃	10
A10716 (grade)	DN250	17000	10000	900	550	1570	700	450	E88 (grade) NH ₃	16
A12724 (grade)	DN300	25500	15000	900	600	1620	700	1200	E88 (grade) NH ₃	24



C25 (grade) to C201 (grade) | A371 (grade) to A12724 (grade)

Replacements and spare parts (refer to pages 38 – 41)



NH₃ filter element

specification

Grade	X1 NH ₃		XA NH ₃	
	1 micron		0.01 micron	
Particle removal	1 micron		0.01 micron	
Max. oil carryover at 20°C (68°F)	0.1 mg/m ³	0.1 ppm	0.01 mg/m ³	0.01 ppm
Maximum temperature	120°C	248°F	120°C	248°F
Maximum working pressure	16 barg	232 psig	16 barg	232 psig
Element end cap material	stainless steel			

technical notes

- 1 Threaded ammonia and refrigerant filters are manufactured from stainless steel.
- 2 Direction of air flow is inside to out through the filter element.
- 3 Models C25 to C201 are supplied with a drain plug.
- 4 ½" manual drains are fitted to A371 (grade) to A8710 (grade), ¾" manual drains are fitted to A10716 (grade) and A12724 (grade) as standard. An additional ½" side entry port is included on all models.
- 5 Models A371 (grade) NH₃ to A12724 (grade) NH₃ include pressure tappings.
- 6 All ammonia and refrigerant filters are PED compliant for Group 1 Gases.

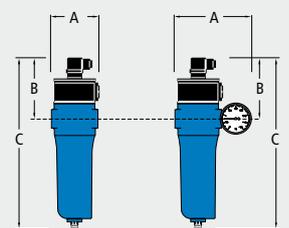
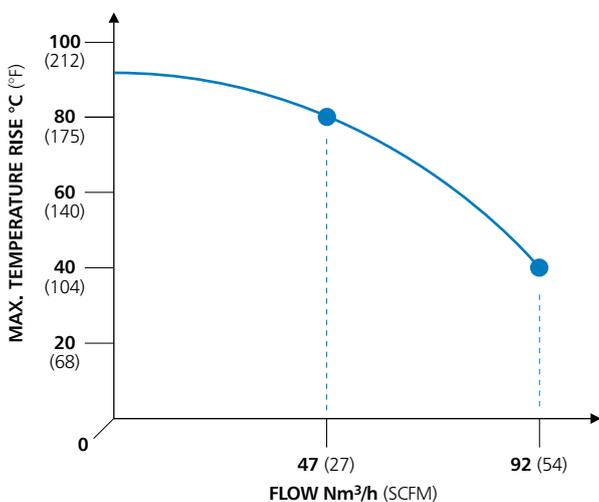


Compressed air in-line heater packages ensure variable compressed air temperature control from 20°C (68°F) to 120°C (248°F), ideally suitable for industrial or breathing air applications.

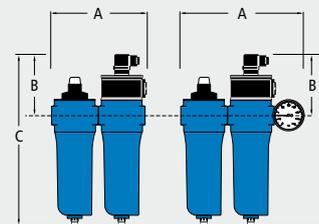
heater & filter heater

FH

filter model	pipe size	flow rate		dimensions (mm)			weight Kg	element model
		Nm ³ /h	SCFM	A	B	C		
A39BH	3/8	47	27	88	337	130	1.0	-
A39FH	3/8	47	27	176	337	130	2.3	E511 XA
A39TH	3/8	47	27	138	337	130	1.3	-
A39FTH	3/8	47	27	226	337	130	2.6	E511 XA
A55BH	1/2	92	54	88	337	130	1.0	-
A55FH	1/2	92	54	176	337	130	2.3	E511 XA
A55TH	1/2	92	54	138	337	130	1.3	-
A55FTH	1/2	92	54	226	337	130	2.6	E511 XA



A39BH & A55BH | A39TH & A55TH



A39FH & A55FH | A39FTH & A55FTH

specification

Heater specification	230 volt AC		115 volt AC	
Supply voltage	230 volt AC-50/60Hz		115 volt AC-50/60Hz	
Power rating	1.5Kw		1.5Kw	
Maximum working pressure	16 barg	232 psig	16 barg	232 psig
Controlled output range	20°C to 120°C	68°F to 248°F	20°C to 120°C	68°F to 248°F
Minimum inlet temperature	-20°C	-4°F	-20°C	-4°F

replacement parts for heater models

model	description
WKN40037	replacement heating element
WKN40170	replacement printed circuit board
WKN40171	replacement sensor
WKN40173	replacement thermometer

technical notes

- 1 Semi-automatic drain valve (SDV25) are fitted to all heaters. Float operated automatic drain valves (ADV16) are fitted to all filters.
- 2 When liquid, oil and water are present, FH or FTH models should be specified.
- 3 Electrical connections to the unit are via an industry standard DIN connector.
- 4 When placing an order, please specify voltage required. Example A39FTH-115.
- 5 If used in a breathing air installation, please note adequate breathing air filtration is required prior to the heater assembly. Heater and filter heater packages will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).

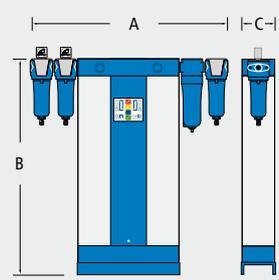


BA breathing & medical air

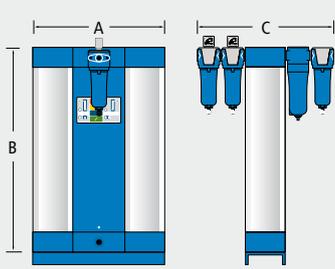
This product range has been designed to provide the user with a clean supply of compressed air, to ensure the safety of personnel operating in hazardous or contaminated conditions.

MARCH 2010

model	pipe size	inlet flow rate		outlet flow rate		dimensions (mm)			weight Kg
		Nm ³ /h	SCFM	Nm ³ /h	SCFM	A	B	C	
BA025	½	42	25	34	20	580	1045	92	30
BA035	½	59	35	48	28	580	1440	92	37
BA045	¾	76	45	61	36	520	660	645	64
BA055	¾	93	55	75	44	520	760	645	70
BA065	¾	110	65	88	52	520	860	645	75
BA085	1	144	85	116	68	520	1060	645	86
BA105	1	178	105	143	84	520	1370	645	102
BA135	1	229	135	184	108	520	1570	645	116
BA175	1	297	175	238	140	520	1970	645	137



BA025 to BA035



BA045 to BA175

model	element models and price			
	X1	XA	HC	AC
BA 025	E511X1	E511XA	E521HC	E511AC
BA 035	E511X1	E511XA	E521HC	E511AC
BA 045	E711X1	E711XA	E811HC	E711AC
BA 055	E711X1	E711XA	E811HC	E711AC
BA 065	E711X1	E711XA	E811HC	E711AC
BA 085	E811X1	E811XA	E831HC	E811AC
BA 105	E811X1	E811XA	E831HC	E811AC
BA 135	E731X1	E731XA	E831HC	E731AC
BA 175	E731X1	E731XA	E831HC	E731AC

specification

Maximum operating pressure	16 barg	232 psig
Minimum operating pressure	4 barg	58 psig
Maximum recommended inlet temperature	30°C	86°F
Minimum inlet temperature	1.5°C	35°F
Power supply	12VDC to 24VDC	100VAC to 240VAC

technical notes

- Breathing and medical air must be installed and maintained in accordance with local regulations and standards.
- Self relieving air pressure regulators are used with 0 to 16 barg (0 to 232 psig) pressure gauges and can control the outlet air pressure between 2 and 16 barg (29 and 232 psig).
- Wall mounted version is supplied complete with mounting brackets.
- Manifold outlet connection are ¾", supplied complete with blanking plugs.
- Standard models operate at 7 barg; for other pressures, add suffix e.g. BA045R12 for 12 barg operation.
- For NPT versions, replace R with N in model number e.g. BA045N.
- Standard models supplied with pressure gauges, electronic fault alarm and diagnostic controller.
- Standard models supplied with 100-240 VAC at 50-60Hz or 12VDC to 24VDC.

Complete system packaging price

model

Packaging specifications

Breathing air purifiers are supplied in a timber framed 12mm plywood crate, suitable for international transportation. Each crate has a foam lined interior to protect dryer from transit damage.

BA025
BA035
BA045
BA055
BA065
BA085
BA105
BA135
BA175



Walker Filtration offer a comprehensive range of wall or floor mounted breathable compressed air products to suit 2 and 4 man breathing air installations. These purification packages consist of a high dirt holding capacity 0.01 micron rated filter to remove particles and oil aerosol and an activated carbon filter to remove odours and vapours.

breathable compressed air



filter model	inlet pipe size	flow rate		dimensions (mm)				weight Kg	no. of outlets	element model
		Nm ³ /h	SCFM	A	B	C	D			
BA20W	1/4	25	15	260	320	323	77	0.90	2 at 3/8"	E361XA / E381AC
BA20WH	1/4	25	15	398	458	337	100	0.90	2 at 3/8"	E361XA / E381AC
BA20F	1/4	25	15	500	n/a	450	500	0.90	2 at 3/8"	E361XA / E381AC
BA20FH	1/4	25	15	500	n/a	450	500	0.90	2 at 3/8"	E361XA / E381AC
BA30W	3/8	50	30	260	320	323	77	0.95	4 at 3/8"	E371XA / E381AC
BA30WH	3/8	50	30	398	458	337	100	0.95	4 at 3/8"	E371XA / E381AC
BA30F	3/8	50	30	500	n/a	450	500	0.95	4 at 3/8"	E371XA / E381AC
BA30FH	3/8	50	30	500	n/a	450	500	0.95	4 at 3/8"	E371XA / E381AC

model	description
BAF1	Stand alone frame assembly suitable for Rp 1/4 to Rp 3/8 filter assemblies
WKN40178	Air pressure regulator and pressure gauge
LPA1	Audible alarm for low inlet air pressure condition
WKN40180	Manifold two port version
WKN40179	Manifold four port version

ordering information

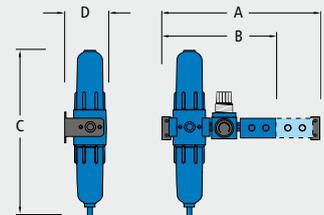
BA20W or BA30W: wall mounting option with duplex filter.
 BA20WH or BA30WH: wall mounting option with duplex filter and compressed air heater.
 BA20F or BA30F: duplex filter mounted onto a portable frame.
 BA20FH or BA30FH: duplex filter and compressed air heater mounted onto a portable frame.

specification

Particle removal	0.01 micron	
Maximum oil carryover at 20°C (68°F)	0.003 mg/m ³	0.003 ppm
Maximum recommended temperature	25°C	77°F
Maximum working pressure	10 barg	145 psig

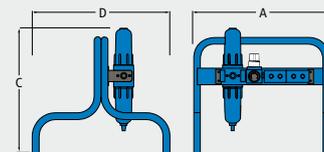
technical notes

- Duplex filters offer 2 stage filtration within one filter unit. Each filtration package provides an XA grade element in the lower section for oil removal, while the AC grade element in the upper section is for odour removal.
- Direction of air flow is inside to out through XA grade and outside to in through AC grade filter element.
- Breathable air filters include float operated drains as standard.
- Self relieving air pressure regulators are used with 0 to 16 barg (0 to 232 psig) pressure gauges and can control the outlet air pressure between 2 and 10 barg (29 and 145 psig).
- Walker Filtration recommend that a water separator and a 1 micron particulate removal filter are installed prior to breathable compressed air filter products.
- These filter packages typically exceed requirements of EN12021, but will not remove certain types of gases including Carbon Monoxide (CO) and Carbon Dioxide (CO₂).



wall mountable option

BA20W / BA20WH (2 users)
 BA30W / BA30WH (4 users)



floor standing option

BA20F / BA20FH (2 users)
 BA30F / BA30FH (4 users)



compressed air dryers & accessories

Compressed Air Dryers and Adsorption Systems	Activated Carbon Towers	35
	Pro Dry	36
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Accessories	Differential Pressure Equipment	38
	Drain Valve Equipment	39
	Accessories	40-41
	Previous Walker Elements	42



In applications requiring low levels of oil removal, activated carbon towers will, by the use of adsorption, reduce the residual oil content to lower than 0.003 mg/m³ (0.003 ppm).

activated carbon towers

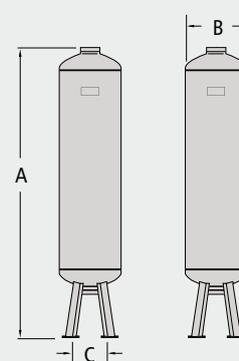
MFC



dryer model	pipe size	flow rate		dimensions (mm)		
		Nm ³ /h	SCFM	A	B	C
480MFC	2	816	480	2096	300	220
600MFC	2	1020	600	1940	434	260
800MFC	3	1360	800	2192	434	260
1000MFC	3	1700	1000	2211	508	362
1170MFC	3	1989	1170	2056	600	428
1400MFC	3	2380	1400	2305	600	428

specification

Minimum working pressure	4 barg	58 psig
Maximum working pressure	16 barg	232 psig
Minimum inlet temperature	1.5°C	35°F
Maximum inlet temperature	50°C	122°F
Minimum ambient temperature	5°C	41°F



480MFC to 1400MFC

technical notes

- 1 Activated carbon towers are manufactured from carbon steel and carry the CE mark.
- 2 Activated carbon towers are designed and manufactured in accordance with BS EN286.
- 3 Activated carbon must be changed periodically to suit the application, but at least every 6 months.
- 4 Activated carbon towers must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide (CO₂).
- 5 Activated carbon towers should NOT be used downstream of heat regenerative dryers.
- 6 Grade X1 and XA filtration is recommended upstream of activated carbon towers. Grade RX1 filtration is recommended downstream of activated carbon towers.

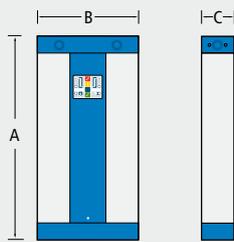


The Pro Dry range of desiccant dryers are designed to eliminate moisture problems in compressed air systems. When used in accordance with Walker Filtration coalescing filters, the Pro Dry reduces moisture levels to -40°C (-40°F) and -70°C (-94°F) pressure dewpoint.

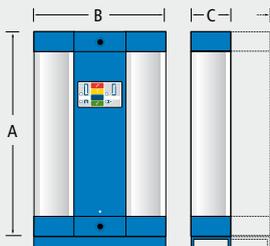
PD

pro dry desiccant dryers

dryer model	pipe size	inlet flow rate		dimensions (mm)			weight Kg
		Nm ³ /h	SCFM	A	B	C	
PD004	3/8	7	4	445	281	92	13
PD006	3/8	10	6	504	281	92	14
PD008	3/8	14	8	565	281	92	15
PD010	3/8	17	10	635	281	92	17
PD015	3/8	25	15	815	281	92	20
PD025	3/8	42	25	1065	281	92	24
PD035	3/8	59	35	1460	281	92	31
PD045	3/4	76	45	652	520	164	53
PD055	3/4	93	55	752	520	164	59
PD065	3/4	110	65	852	520	164	64
PD085	1	144	85	1052	520	164	75
PD105	1	178	105	1362	520	164	91
PD135	1 1/4	229	135	1562	520	164	102
PD175	1 1/4	297	175	1962	520	164	123
PD215	1 1/2	365	215	1362	520	328	172
PD275	1 1/2	467	275	1562	520	328	192
PD365	1 1/2	620	365	1962	520	328	232



PD004 to PD035



PD045 to PD365 (see note 6)

specification

Standard pressure dewpoint	-40°C	-40°F
Optional pressure dewpoint	-70°C	-94°F
Minimum working pressure	4 barg	58 psig
Maximum working pressure	16 barg	232 psig
Electronic control	100-240 VAC at 50-60Hz or 12VDC to 24VDC	
Minimum inlet temperature	1.5°C	34°F
Maximum inlet temperature	50°C	122°F
Minimum ambient temperature	5°C	41°F

technical notes

- 1 Pro Dry features easy removable desiccant cartridges with integral 1 micron dust filter.
- 2 For additional security, Walker Filtration recommends fitting an RX1 dust filter to the outlet.
- 3 All models are supplied together with an XA pre-filter.
- 4 Additional filtration, including a water separator, is recommended for high loaded inlet conditions.
- 5 Standard models operate at 7 barg; for other pressures, please specify at time of order.
- 6 PD215, PD275 and PD365 are duplex systems.

Complete system packaging price

Packaging specifications

Pro Dry desiccant dryers are supplied in a timber framed 12mm plywood crate, suitable for international transportation. Each crate has a foam lined interior to protect dryer from transit damage.

Filtration is supplied in additional packaging as a separate item.

model	packaging dimensions (mm)
PD045	915 x 680 x 460
PD055	1015 x 680 x 460
PD065	1115 x 680 x 460
PD085	1315 x 680 x 460
PD105	1625 x 680 x 460
PD135	1825 x 680 x 460
PD175	2225 x 680 x 460
PD215	1625 x 680 x 620
PD275	1825 x 680 x 620
PD365	2225 x 680 x 620



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pro dry accessories

dryer model	description	kit number	
PD004	service kit (2 cartridges)	PDC004-12000	<p>12,000 hour service kit includes: desiccant cartridges, pre-filter element, pack of sealing O-rings and sealing washers, instruction manual, controller re-set disc.</p> 
PD006		PDC006-12000	
PD008		PDC008-12000	
PD010		PDC010-12000	
PD015		PDC015-12000	
PD025		PDC025-12000	
PD035		PDC035-12000	
PD045		PDC045-12000	
PD055		PDC055-12000	
PD065		PDC065-12000	
PD085	PDC085-12000		
PD44SFD	service kit (4 cartridges)	PDC044-12000	
PD66SFD		PDC066-12000	
PD105		PDC105-12000	
PD135		PDC135-12000	
PD175	service kit (8 cartridges)	PDC175-12000	
PD215		PDC215-12000	
PD275		PDC275-12000	
PD365	PDC365-12000		
PD004-PD035	valve service kit	VSKS 01	<p>Valve service kit includes: shuttle seats, shuttles, O-rings, diaphragms and springs, solenoid valves, controller re-set disc, spare pressure plugs</p>
PD44SFD/PD66SFD		VSKD 01	
PD045-PD175		PDVSKS 01	
PD215-PD365		PDVSKD 01	
All models	optional software	PDFS 01	Energy management, monitoring and diagnostics software
PD004-PD035	wall mounting bracket	WKN01804	
PD004-PD035	foot mounting bracket	WKN01805	
PD004-PD035	shuttle kit	PD1SKS01	<p>Shuttle kit includes: shuttle seats, shuttles, exhaust block shuttles, O-rings and seals</p>
PD044SFD/PD066SFD		PD1SKD01	
PD045-PD175		PD2SKS01	
PD215-PD365		PD2SKD01	
PD004-PD035	top diaphragm kit	PD1TDKS01	<p>Diaphragm kit includes: valve bonnets, valve diaphragm and diaphragm spring</p>
PD044SFD/PD066SFD	PD1TDKD01		
PD004-PD035	bottom diaphragm kit	PD1BDKS01	
PD044SFD/PD066SFD		PD1BDKD01	
PD004	silencer kit	PD1SK01	
PD006-PD035		PD1SK02	
PD044SFD/PD066SFD		PD1SK03	
PD045-PD085		PD2SK01	
PD105-PD175		PD2SK02	
PD215-PD365		PD2SK03	
PD004-PD035	controller assembly kit	PDCK01	<p>Controller assembly kit includes: electronic controller complete with solenoid valves</p>
PD044SFD/PD066SFD		PDCK01	
PD045-PD365		PDCK02	
	controller (separate)		
All models	purge plug kit	PPK004-PPK365	<p>Purge plug kit includes: sized purge plugs and assembled O-rings</p>
All models	DIN plug kit	PDDIN01	<p>DIN plug kit includes: DIN plug, gasket and screw</p>





Walker Filtration manufacture a comprehensive range of differential pressure monitoring equipment for air and gas applications.

differential pressure equipment

	55 size	65 size	model	differential pressure range		equipment description						
				mbar d	psi d	55 size	65 size	grey	black	indicator	gauge	
			55DPG250B	250	3.6	✓	-	-	✓	-	✓	
			55DPG1000B	1000	14.5	✓	-	-	✓	-	✓	
			65DPG250B	250	3.6	-	✓	-	✓	-	✓	
			65DPG250G	250	3.6	-	✓	✓	-	-	✓	
			65DPG700G	700	10.1	-	✓	✓	-	-	✓	
			65DPG700B	700	10.1	-	✓	-	✓	-	✓	
			65DPG1000B	1000	14.5	-	✓	-	✓	-	✓	
			65DPG1000G	1000	14.5	-	✓	✓	-	-	✓	
			55DPIB	700	10.1	✓	-	-	✓	✓	-	
			65DPIB	700	10.1	-	✓	-	✓	✓	-	
			65DPIG	700	10.1	-	✓	✓	-	✓	-	
			55DPUB	400	5.8	✓	-	-	✓	✓	-	
			65DPUBA	400	5.8	-	✓	-	✓	✓	-	
			65DPUGA	400	5.8	-	✓	✓	-	✓	-	
			65DPUGA-100	100	1.4	-	✓	✓	-	✓	-	
			65DPUBA-100	100	1.4	-	✓	-	✓	✓	-	
		WPN4020902	panel mounting kit for all 55 size models									
		WPN4021002	panel mounting kit for all 65 size models									
		WPN4021102	mounting block for all 65 size models to fit other housings									
		GBK059	gauge blanking kit									
IMPORTANT: replacement gauges for filter models A059 to A390 require a fixing kit. Please reference the adjacent table for details.			FK65	fixing kits for A059 - A158								
			FK65L	fixing kits for A159 - A390								

technical notes

- Differential pressure indicator and gauge working pressure 20 barg (290 psig).
- Differential pressure indicator and gauge maximum working temperature 50°C (122°F).
- Differential pressure indicator and gauge accuracy, + or - 2.5% FSD.
- Gauge adaptor blocks are available to convert the indicators from standard Walker Filtration mounting connections to 1/8" or M5.
- Electrical version differential pressure indicator and gauge switching voltage = 200VDC. Indicator and gauge switching current = 0.5A. Indicator and gauge carry current = 1.2A. Indicator and gauge switch type = two pole normally open.
- For panel mounting a 55 model differential pressure indicator gauge, remove gauge face, cut 50mm hole in panel and relocate face (not available for 65 models).
- Volt free contact options available on request on DPG and DPI models only. Add 'E' to model number, for example, 65DPIBE.



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For safe and reliable condensate drainage systems Walker Filtration supply a comprehensive range of float, automatic, manual and electronic drain valves.

drain valve equipment

DV

model	pipe size		condensate flow rate		pressure		dimensions (mm)		weight Kg		
	inlet	outlet	Nm ³ /h	SCFM	barg	psig	A	B			
manually operated drain valves											
MDV 25	¼	¼	-	-	20	290	41	50	0.15		
MDV 25CS-50	¼	¼	-	-	50	725	50	70	0.45		
MDV 25SS-50	¼	¼	-	-	50	725	50	70	0.45		
MDV 25SS-350	¼	¼	-	-	350	5075	50	70	0.45		
PDV 25	¼	-	-	-	10	150	35	28	0.45		
float operated automatic / semi automatic drain valves											
SDV 25	¼	¼	-	-	16	232	30	15	0.05		
ADV 16	-	⅛	-	-	16	232	24	85	0.05		
ADVA 16	-	⅛	-	-	16	232	24	85	0.05		
ADV 3000	-	¼	-	-	16	232	39	76	0.02		
ADV 6000	-	6mm	-	-	16	232	26	82	0.05		
ADV 6000C	-	6mm	-	-	16	232	26	82	0.05		
ADV K16	Replacement O-ring seal & circlip to fit ADV16 and ADVA16										
solenoid operated drain valves											
EDV 1000	⅛	⅛	-	-	16	232	83	80	0.45		
EDV 2000	⅜	⅜	-	-	16	232	90	73	0.55		
EDV 2000 (40 barg/600 psig)	¼	¼	-	-	40	580	90	73	0.7		
EDV 2000 (80 barg/1200 psig)	¼	¼	-	-	80	1160	90	73	0.7		
EDV 2211	¼	¼	-	-	16	232	90	73	0.7		
no loss electronically operated drain valves											
BDV 12	½	¾	392	230	16	232	150	141	0.8		
BDV 13	2 x ½	½	1786	1050	16	232	212	162	2.0		
BDV 14	3 x ¾	½	7729	4550	16	232	252	180	2.9		
BDV 32	½	¾	148	87	16	232	179	127	1.0		

technical notes

- 1 BDV models supplied complete with installation kit, which includes mounting brackets, connection kit and discharge kit.
- 2 Maximum operating temperature as follows: float operated drain valves 80°C (176°F), solenoid operated drain valves 90°C (194°F), no loss electronically operated drain valves 60°C (140°F).
- 3 ADV 16 drain is suitable for previous filter range models A20 and A30.
- 4 ADV 3000 drain is suitable for previous filter range models A55 to A308.
- 5 ADV 6000C drains are supplied as standard on filter housing models A018 to A058.
- 6 ADV 6000 drains are supplied as standard on filter housing models A059 to A390.
- 7 Float operated automatic drain valve ADV 6000 is normally open and ADV 6000C is normally closed.
- 8 Drain adaptor kit DAK 1 is required to fit simplex models A059 to A390 and duplex models D059 to D109.





To accompany our standard product range we supply a range of accessories.

accessories

	model	equipment description	to fit equipment model	
	mounting bracket kits			
	MBK 1	wall mounting bracket, nuts and bolts	A27, A50WS, A39, A55, D40, D45, A72	
	MBK 1/1		A20WS, A30WS, A20, A30, D20, D30,	
	MBK 2		A75WS, A100WS, A125WS, A76, A105, A106	
	MBK 2/1		A150WS, A200WS, A153, A203, A126, A205	
	MBK 3/1		A300WS, A250WS, A350WS, A305, A306	
	MBK 50HP 1	wall mounting bracket	50HP25, 50HP37 and 50HP101	
	MBK 50HP 2		50HP50	
	MBK 50HP 3		50HP150 and 50HP201	
	MBK018	wall mounting bracket, nuts and bolts	A018, A019	
	MBK028		A028, A038, A058	
	MBK059		A059, A078, A079, A108, A109	
	MBK128		A128, A158	
	MBK159		A159, A208, A209	
	MBK254		A254, A340, A360, A390	
	MBK-D028		D028, D038, D058	
	MBK-D059		D059, D078, D079, D108, D109	
	'O' ring sealing kits			
	OSK 1		O-ring seal kit, 1 body, 1 drain and 1 element seal	A27, A34, A39, A55, A56, A73
	OSK 1/1	A20, A30		
	OSK 2	O-ring seal kit, 2 body, 1 drain and 2 element seal	D45	
	OSK 2/1		D20, D30	
	OSK 3	O-ring seal kit, 1 body, 1 drain and 1 element seal	A76, A105, A106, A126	
	OSK 3/1		A153, A203, A205	
	OSK 4/1		A250, A305, A306	
	OSK 5		A308	
	OSK 6	O-ring seal kit, 2 flange and 1 body flange seal	A400MV	
	OSK 7	O-ring seal kit, 4	differential pressure gauge/indicators	
	OSK 8	O-ring seal kit, 1 body	1/4", 3/8" high pressure housing kit	
	OSK 9		1" high pressure housing kit	
	OSK 10		2" high pressure housing kit	
	OSK 11	O-ring sealing kit	C25, C37, C50	
	OSK 12		C75, C101	
	OSK 13		C150, C200, C201, C250	
	OSK018	O-ring sealing kit	A018, A019	
	OSK028		A028, A038, A058	
	OSK059		A059, A078, A079, A108, A109	
	OSK128		A128, A158	
OSK159	A159, A208, A209			
OSK254	A254, A340, A360, A390			
OSK-D028	D028, D038, D058			
OSK-D059	D059, D078, D079, D108, D109			



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To accompany our standard product range we supply a range of accessories.



accessories

model	equipment description	to fit equipment model	
connecting kits			
2CK 1	connecting kit for joining 2 filter housings together	A27, A34, A39, A55, A73, D40, D45	
2CK 1/1		A20, A30, D20, D30	
2CK 2		A76, A105, A106, A126	
2CK 2/1		A153, A203, A205	
2CK 3/1		A250, A305, A306	
3CK 1	connecting kit for joining 3 filter housings together	A27, A34, A39, A55, A73, D40, D45	
3CK 1/1		A20, A30, D20, D30	
3CK 2		A76, A105, A106, A126	
3CK 2/1		A153, A203, A205	
3CK 3/1		A250, A305, A306	
CNK018	connecting kit for joining 2 filter housings together (for every additional bowl connection, 1 connection kit is required. For example, 3 connection kits are required to join 4 filter housings)	A018, A019	
CNK028		A028, A038, A058	
CNK059		A059, A078, A079, A108, A109	
CNK128		A128, A158	
CNK159		A159, A208, A209	
CNK254		A254, A340, A360, A390	
CNKD028		D028, D038, D058	
CNKD059		D059, D078, D079, D108, D109	
medical vacuum flasks			
MLF100	100ml glass flask (polymer coating)	A018 to A390 VLR, VX1, EF, EFC and MV	
MLF250	250ml glass flask (polymer coating)		
MLF500	500ml glass flask (polymer coating)		
MLF1000	1000ml glass flask (polymer coating)		
MLA100	100ml glass flask, plastic screw cap and 1/4" connection/valve		
MLA250	250ml glass flask, plastic screw cap and 1/4" connection/valve		
MLA500	500ml glass flask, plastic screw cap and 1/4" connection/valve		
MLA1000	1000ml glass flask, plastic screw cap and 1/4" connection/valve		





Elements suitable for use in Walker Filtration's earlier ranges of air, gas, medical vacuum, medical sterile and high pressure filter housings.

previous Walker filter elements

previous compressed air and gas elements

housing reference	element reference
A20	E361 (grade)
A30	E371 (grade)
A55	E511 (grade)
A76	E711 (grade)
A105	E811 (grade)
A106	E731 (grade)
A126	E821 (grade)
A153	E831 (grade)
A203	E831 (grade)
A205	E851 (grade)
A250	E1251 (grade)
A305	E1251 (grade)
A306	E1261 (grade)
A308	E1281 (grade)
A25, A35, A40	E50 (grade)
A38, A45, A70	E51 (grade)
A49	E52 (grade)
A74, A75	E71 (grade)
A100, A124	E81 (grade)
A101	E73 (grade)
A125	E83 (grade)
A141	E831 (grade)
A150	E103 (grade)
A200	E123 (grade)
A201	E125 (grade)
A202	E134 (grade)
A250, A291	E135 (grade)
A300	E127 (grade)
A301	E128 (grade)
D25, D38	E01AC
A131, A151	E830 (grade)
A261, A463	E86 (grade)
A474, A676, A678, A8710, A10716, A12724	E87 (grade)
A361	E137 (grade)
A371	E138 (grade)

previous medical sterile elements

housing reference	element reference
A25 MS	E50 SR
A38 MS	E51 SR
A49 MS	E52 SR
A74 MS	E71 SR
A100 MS	E81 SR
A101 MS	E73 SR
A125 MS	E83 SR
A141 MS	E831 SR
A191 MS	E831 SR
A200 MS	E123 SR
A201 MS	E125 SR
A202 MS	E134 SR
A250 MS	E135 SR
A291 MS	E135 SR
A300 MS	E127 SR
A301 MS	E128 SR

previous medical vacuum elements

housing reference	element reference
A27 MV	E27 MV
A37 MV	E37 MV
A47 MV	E57 MV
A77 MV	E57 MV
A100 MV	E81 MV
A125 MV	E83 MV
A150 MV	E103 MV
A200 MV	E133 MV
A300 MV	E137 MV
A301 MV	E138 MV

previous high pressure elements

housing reference	element reference
350 HP 12	HP 260 (grade)
350 HP 25	HP 310 (grade)
100 HP 25	HP 310 (grade)



alternative elements & vacuum pump separators



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Customer Service

As filtration specialists, Walker Filtration manufacture and supply one of the most comprehensive and competitively priced ranges of alternative filter elements, air/oil separators and vacuum pump separators in the market today.

Delivery

Walker Filtration guarantee a 24 hour delivery service (on all in stock items) for all of your alternative elements. By maintaining optimum stock levels and 'off the shelf' products, we ensure that wherever you are located in the world, we can deliver your order on time.

Certified performance

Our entire product range provides certified performance levels, guaranteeing that stringent specifications are met. Each element is assured to be 'equal or superior to' the original manufacturers stated performance and elements are supplied with a Certificate of Conformity.

Support

Walker Filtration have one of the most comprehensive technical libraries to support all alternative element queries.

Solution

With the combination of our technical ability and experience, product performance, competitive pricing and swift delivery, the decision is simple.



Replacement filter elements manufactured by Walker Filtration Ltd to fit ATLAS COPCO filter housings.

atlas copco

Grade DD - 1 micron oil removal filter

walker model	replaces	
ATC-0190-00	2901-0190-00	
ATC-0191-00	2901-0191-00	
ATC-0234-00	2901-0234-00	
ATC-0192-00	2901-0192-00	
ATC-0193-00	2901-0193-00	
ATC-0194-00	2901-0194-00	
ATC-0213-00	2906-0213-00	
ATC-0212-00	2906-0212-00	

Grade DD - 1 micron oil removal

walker model	replaces	
ATC 6255-02	1202-6255-02	
ATC 6257-02	1202-6257-02	
ATC 6257-04	1202-6257-04	
ATC 6259-02	1202-6259-02	
ATC 6259-04	1202-6259-04	
ATC 6262-02	1202-6262-02	
ATC 8573-02	1202-8573-02	
ATC 6273-02	1202-6273-02	
ATC 6262-04	1202-6262-04	

Grade UFD - 5 micron filtration

walker model	replaces	
ATC 10 PF	9703-1921	
ATC 11 PF	9703-1922	
ATC 12 PF	9703-1923	
ATC 13 PF	9703-1924	
ATC 14 PF	9703-1925	
ATC 15 PF	9703-1926	
ATC 16 PF	9703-1927	
ATC 17 PF	9703-1928	
ATC 18 PF	9703-1929	
ATC 19 PF	9703-1930	
ATC 20 PF	9703-1931	

Grade AC - Activated carbon

walker model	replaces	
ATC 10 AC	9703-1427	
ATC 11 AC	9703-1428	
ATC 12 AC	9703-1429	
ATC 13 AC	9703-1430	
ATC 14 AC	9703-1431	
ATC 15 AC	9703-1432	
ATC 16 AC	9703-1433	
ATC 17 AC	9703-1434	
ATC 18 AC	9703-1435	
ATC 19 AC	9703-1436	
ATC 20 AC	9703-1437	

Grade PD - 0.01 micron oil removal filter

walker model	replaces	
ATC-0195-00	2901-0195-00	
ATC-0196-00	2901-0196-00	
ATC-0233-00	2901-0233-00	
ATC-0197-00	2901-0197-00	
ATC-0198-00	2901-0198-00	
ATC-0199-00	2901-0199-00	
ATC-0215-00	2906-0215-00	
ATC-0214-00	2906-0214-00	

Grade PD - 0.01 micron oil removal

walker model	replaces	
ATC 6255-01	1202-6255-01	
ATC 6257-01	1202-6257-01	
ATC 6257-03	1202-6257-03	
ATC 6259-01	1202-6259-01	
ATC 6259-03	1202-6259-03	
ATC 6262-01	1202-6262-01	
ATC 8573-01	1202-8573-01	
ATC 6273-01	1202-6273-01	
ATC 6262-03	1202-6262-03	

Grade UDD - 1 micron filtration

walker model	replaces	
ATC 10 GP	9703-1416	
ATC 11 GP	9703-1417	
ATC 12 GP	9703-1418	
ATC 13 GP	9703-1419	
ATC 14 GP	9703-1420	
ATC 15 GP	9703-1421	
ATC 16 GP	9703-1422	
ATC 17 GP	9703-1423	
ATC 18 GP	9703-1424	
ATC 19 GP	9703-1425	
ATC 20 GP	9703-1426	

Grade QD - Activated carbon

walker model	replaces	
ATC-0206-00	2901-0206-00	
ATC-0201-00	2901-0201-00	
ATC-0203-00	2901-0203-00	
ATC-0235-00	2901-0235-00	
ATC-0205-00	2901-0205-00	
ATC-0217-00	2901-0217-00	
ATC-0202-00	2901-0202-00	
ATC-0204-00	2901-0204-00	
ATC-0216-00	2906-0216-00	

Grade QD - Activated carbon

walker model	replaces	
ATC 6264-00	1202-6264-00	
ATC 6281-01	1202-6281-01	
ATC 6268-01	1202-6268-01	
ATC 6281-02	1202-6281-02	
ATC 6268-02	1202-6268-02	
ATC 6268-03	1202-6268-03	
ATC 6263-01	1202-6263-01	
ATC 8572-00	1202-8572-00	
ATC 6274-00	1202-6274-00	
ATC 6263-02	1202-6263-02	

Grade UPD - 0.01 micron oil removal

walker model	replaces	
ATC 10 XA	9703-1438	
ATC 11 XA	9703-1439	
ATC 12 XA	9703-1440	
ATC 13 XA	9703-1441	
ATC 14 XA	9703-1442	
ATC 15 XA	9703-1443	
ATC 16 XA	9703-1444	
ATC 17 XA	9703-1445	
ATC 18 XA	9703-1446	
ATC 19 XA	9703-1447	
ATC 20 XA	9703-1448	



Replacement sterile filter elements manufactured by Walker Filtration Ltd to fit
BALSTON (PARKER) sterile gas filter housings.

balston (parker)

walker model	replaces	
BA 15 SR	SAC 15	
BA 35 SR	SAC 35	
BA 80 SR	SAC 80	
BA120 SR	SAC 120	
BA150 SR	SAC 150	

Replacement filter elements manufactured by Walker Filtration Ltd to fit BEA FILTRI
filter housings.

bea filtri

Grade X1 - 1 micron filtration

walker model	replaces	
BF30 X1	ARS30 RB	
BF100 X1	ARS100 RB	
BF180 X1	ARS180 RB	
BF290 X1	ARS290 RB	
BF460 X1	ARS460 RB	
BF610 X1	ARS610 RB	
BF930 X1	ARS930 RB	
BF1050 X1	ARS1050 RB	
BF1400 X1	ARS1400 RB	

BF0501 X1	FCY0501 RC	
BF1001 X1	FCY1001 RC	
BF2001 X1	FCY2001RC	
BF2501 X1	FCY2501 RC	
BF3001 X1	FCY3001 RC	
BF4001 X1	FCY4001 RC	

Grade XA - 0.01 micron oil removal

walker model	replaces	
BF30 XA	ARS30 RA	
BF100 XA	ARS100 RA	
BF180 XA	ARS180 RA	
BF290 XA	ARS290 RA	
BF460 XA	ARS460 RA	
BF610 XA	ARS610 RA	
BF930 XA	ARS930 RA	
BF1050 XA	ARS1050 RA	
BF1400 XA	ARS1400 RA	

BF0501 XA	FCY0501 RA	
BF1001 XA	FCY1001 RA	
BF2001 XA	FCY2001 RA	
BF2501 XA	FCY2501 RA	
BF3001 XA	FCY3001 RA	
BF4001 XA	FCY4001 RA	

Grade AC - Activated carbon

walker model	replaces	
BF30 AC	ARS30 CA	
BF100 AC	ARS100 CA	
BF180 AC	ARS180 CA	
BF290 AC	ARS290 CA	
BF460 AC	ARS460 CA	
BF610 AC	ARS610 CA	
BF930 AC	ARS930 CA	
BF1050 AC	ARS1050 CA	
BF1400 AC	ARS1400 CA	

BF0501 AC	FCY0501 CA	
BF1001 AC	FCY1001 CA	
BF2001 AC	FCY2001 CA	
BF2501 AC	FCY2501 CA	
BF3001 AC	FCY3001 CA	
BF4001 AC	FCY4001 CA	

Grade RX1 - 1 micron dust filtration

walker model	replaces	
BF30 RX1	ARS30 RF	
BF100 RX1	ARS100 RF	
BF180 RX1	ARS180 RF	
BF290 RX1	ARS290 RF	
BF460 RX1	ARS460 RF	
BF610 RX1	ARS610 RF	
BF930 RX1	ARS930 RF	
BF1050 RX1	ARS1050 RF	
BF1400 RX1	ARS1400 RF	

BF0501 RX1	FCY0501 RF	
BF1001 RX1	FCY1001 RF	
BF2001 RX1	FCY2001RF	
BF2501 RX1	FCY2501 RF	
BF3001 RX1	FCY3001 RF	
BF4001 RX1	FCY4001 RF	





Replacement air oil separators manufactured by Walker Filtration Ltd to fit BECKER vacuum pumps.

becker

Grade PD - 0.01 micron oil removal filter

walker model	replaces	
BE06540100MF	6540100	
BE904009MF	904009	
BE965402MF	965402	
BE965403MF	965403	
BE965404MF	965404	
BE965406MF	965406	
BE965409MF	965409	
BE965410MF	965410	
BE965411MF	965411	



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Replacement filter elements manufactured by Walker Filtration Ltd to fit
COMPAIR (GARDNER DENVER) filter housings.

compair (gardner denver)



Grade X25 - 25 micron filtration

walker model	replaces	
COM 0005 X25	CE 0005 A	
COM 0010 X25	CE 0010 A	
COM 0018 X25	CE 0018 A	
COM 0036 X25	CE 0036 A	
COM 0087 X25	CE 0087 A	
COM 0132 X25	CE 0132 A	
COM 0198 X25	CE 0198 A	
COM 0258 X25	CE 0258 A	
COM 0372 X25	CE 0372 A	

Grade X1 - 1 micron filtration

walker model	replaces	
COM 0005 X1	CE 0005 B	
COM 0010 X1	CE 0010 B	
COM 0018 X1	CE 0018 B	
COM 0036 X1	CE 0036 B	
COM 0087 X1	CE 0087 B	
COM 0132 X1	CE 0132 B	
COM 0198 X1	CE 0198 B	
COM 0258 X1	CE 0258 B	
COM 0372 X1	CE 0372 B	

Grade XA - 0.01 micron filtration

walker model	replaces	
COM 0005 XA	CE 0005 C	
COM 0010 XA	CE 0010 C	
COM 0018 XA	CE 0018 C	
COM 0036 XA	CE 0036 C	
COM 0087 XA	CE 0087 C	
COM 0132 XA	CE 0132 C	
COM 0198 XA	CE 0198 C	
COM 0258 XA	CE 0258 C	
COM 0372 XA	CE 0372 C	

Grade ACS - Activated carbon

walker model	replaces	
COM 0005 ACS	CE 0005 D	
COM 0010 ACS	CE 0010 D	
COM 0018 ACS	CE 0018 D	
COM 0036 ACS	CE 0036 D	
COM 0087 ACS	CE 0087 D	
COM 0132 ACS	CE 0132 D	
COM 0198 ACS	CE 0198 D	
COM 0258 ACS	CE 0258 D	
COM 0372 ACS	CE 0372 D	

Grade RX1 - 1 micron dust filtration

walker model	replaces	
COM 0005 RX1	CE 0005 E	
COM 0010 RX1	CE 0010 E	
COM 0018 RX1	CE 0018 E	
COM 0036 RX1	CE 0036 E	
COM 0087 RX1	CE 0087 E	
COM 0132 RX1	CE 0132 E	
COM 0198 RX1	CE 0198 E	
COM 0258 RX1	CE 0258 E	
COM 0372 RX1	CE 0372 E	

Grade AC - Activated carbon

walker model	replaces	
COM 0004 AC	CE0004 D	
COM 0008 AC	CE0008 D	
COM 0015 AC	CE0015 D	
COM 0024 AC	CE0024 D	
COM 0039 AC	CE0039 D	
COM 0051 AC	CE0051 D	

Grade X1 - 1 micron filtration

walker model	replaces	
COM 21 X1	98245/121	
COM 22 X1	98245/122	
COM 23 X1	98245/123	
COM 25 X1	98245/125	
COM 26 X1	98245/126	
COM 27 X1	98245/127	
COM 28 X1	98245/128	
COM 29 X1	98245/129	
COM 30 X1	98245/130	

Grade OFP - 0.01 micron oil removal

walker model	replaces	
COM 41 XA	98245/141	
COM 42 XA	98245/142	
COM 43 XA	98245/143	
COM 45 XA	98245/145	
COM 46 XA	98245/146	
COM 47 XA	98245/147	
COM 48 XA	98245/148	
COM 49 XA	98245/149	
COM 50 XA	98245/150	

Grade OVR - Activated carbon

walker model	replaces	
COM 61 AC	98245/161	
COM 62 AC	98245/162	
COM 63 AC	98245/163	
COM 64 AC	98245/164	
COM 65 AC	98245/165	
COM 66 AC	98245/166	
COM 67 AC	98245/167	
COM 68 AC	98245/168	
COM 69 AC	98245/169	
COM 70 AC	98245/170	

Grade GPP - 1 micron filtration

walker model	replaces	
COM 22 X1	98245/21	
COM 23 X1	98245/22	
COM 25 X1	98245/23	
COM 26 X1	98245/25	
COM 27 X1	98245/27	
COM 28 X1	98245/28	
COM 29 X1	98245/29	

Grade OFP - 0.01 micron oil removal

walker model	replaces	
COM 42 XA	98245/41	
COM 43 XA	98245/42	
COM 45 XA	98245/43	
COM 46 XA	98245/45	
COM 47 XA	98245/47	
COM 48 XA	98245/48	
COM 49 XA	98245/49	

Grade OVR - Activated carbon

walker model	replaces	
COM 62 AC	98245/62	
COM 65 AC	98245/65	
COM 67 AC	98245/67	
COM 68 AC	98245/68	





Replacement filter elements manufactured by Walker Filtration Ltd to fit CTA filter housings.

cta

Grade 1 micron

walker model	replaces	
CT06050M	06050M	
CT07050M	07050M	
CT12075M	12075M	
CT14050M	14050M	
CT22075M	22075M	
CT32075M	32075M	
CT50075M	50075M	
CT51090M	51090M	
CT75140M	75140M	
CT76090M	76090M	

Grade Activated carbon

walker model	replaces	
CT07050A	07050A	
CT12075A	12075A	
CT14050A	14050A	
CT22075A	22075A	
CT32075A	32075A	
CT50075A	50075A	
CT51090A	51090A	
CT75140A	75140A	
CT76090A	76090A	

Grade 3 micron

walker model	replaces	
CT06050P	06050P	
CT07050P	07050P	
CT12075P	12075P	
CT14050P	14050P	
CT22075P	22075P	
CT32075P	32075P	
CT50075P	50075P	
CT51090P	51090P	
CT75140P	75140P	
CT76060P	76090P	

Grade 0.01 micron

walker model	replaces	
CT06050S	06050S	
CT07050S	07050S	
CT12075S	12075S	
CT14050S	14050S	
CT22075S	22075S	
CT32075S	32075S	
CT50075S	50075S	
CT51090S	51090S	
CT75140S	75140S	
CT76090S	76090S	



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Replacement filter elements manufactured by Walker Filtration Ltd to fit DELTECH (SPX) filter housings.

deltech (spx)



Grade E - Dual stage filtration

walker model	replaces	
DE811E	811E	
DE812E	812E	
DE813E	813E	
DE814E	814E	
DE815E	815E	
DE816E	816E	
DE817E	817E	
DE818E	818E	
DE819E	819E	
DE820E	820E	
DE830E	830E	
DE831E	831E	

Grade CC - Colour change

walker model	replaces	
DE110CC	DFE110E	
DE115CC	DFE115E	
DE130CC	DFE130E	
DE150CC	DFE150E	
DE160CC	DFE160E	

Grade AC - Activated carbon

walker model	replaces	
DE110AC	DE110KE	
DE115AC	DE115KE	
DE130AC	DE130KE	
DE150AC	DE150KE	
DE160AC	DE160KE	

walker model	replaces	
DE850 (GRADE)	850 (GRADE)	
DE851 (GRADE)	851 (GRADE)	
DE852 (GRADE)	852 (GRADE)	
DE870 (GRADE)	870 (GRADE)	
DE871 (GRADE)	871 (GRADE)	
DE872 (GRADE)	872 (GRADE)	
DE101 (GRADE)	8101 (GRADE)	
DE102 (GRADE)	8102 (GRADE)	
DE111 (GRADE)	8111 (GRADE)	
DE113 (GRADE)	8113 (GRADE)	
DE201 (GRADE)	8201 (GRADE)	
DE202 (GRADE)	8202 (GRADE)	

Grade:

- X1 replaces grade PFD (1 micron filter)
- XA replaces grade HFD (0.01 micron filter)
- AC replaces grade CFD (activated carbon filter)
- RX1 replaces grade DFD (1 micron dust filter)

Grade AC - Activated carbon

walker model	replaces	
DE850AC	850CFD	
DE853AC	853CFD	
DE854AC	854CFD	
DE873AC	873CFD	
DE874AC	874CFD	
DE875AC	875CFD	
DE105AC	105CFD	
DE112AC	112CFD	
DE121AC	121CFD	
DE121AC-OS	121CFD-OS	

Replacement filter elements manufactured by Walker Filtration Ltd to fit DOLLINGER (SPX) filter housings.

dollinger (spx)

walker model	replaces	
D006 (GRADE)	501130 (GRADE)	
D013 (GRADE)	501135 (GRADE)	
D025 (GRADE)	501177 (GRADE)	
D040 (GRADE)	501210 (GRADE)	
D085 (GRADE)	501254 (GRADE)	
D195 (GRADE)	501455 (GRADE)	
D400 (GRADE)	501494 (GRADE)	
D500 (GRADE)	501375 (GRADE)	

Grade AC - Activated carbon

walker model	replaces	
D006 AC	501130	
D013 AC	501135	
D025 AC	501177	
D040 AC	501210	
D085 AC	501254	
D195 AC	501455	
D400 AC	501494	
D500 AC	501375	





Replacement current filter elements manufactured by Walker Filtration Ltd to fit housings made by DOMNICK HUNTER (PARKER) Ltd.

domnick hunter (parker)

Grade X25 - 25 micron pre filter

walker model	replaces	
D009 X25	K009PF	
D017 X25	K017PF	
D030 X25	K030PF	
D058 X25	K058PF	
D145 X25	K145PF	
D220 X25	K220PF	
D330 X25	K330PF	
D430 X25	K430PF	
D620 X25	K620PF	

Grade XAA - 0.001 micron / 0.001 mg/m³ oil removal

walker model	replaces	
D009 XAA	K009AX	
D017 XAA	K017AX	
D030 XAA	K030AX	
D058 XAA	K058AX	
D145 XAA	K145AX	
D220 XAA	K220AX	
D330 XAA	K330AX	
D430 XAA	K430AX	
D620 XAA	K620AX	

Grade MV - Medical vacuum

walker model	replaces	
D025 MV	K025PL	
D040 MV	K040PL	
D085 MV	K085PL	
D195 MV	K195PL	
D400 MV	K400PL	

Hopcolite replacement elements

walker model	replaces	
D013 HC	K013HC	
D035 HC	K035HC	
D040 HC	K040HC	

Previous filter elements references

Grade X25 - 25 micron pre filter

walker model	replaces	
D006 X25	K006PF	
D013 X25	K013PF	
D025 X25	K025PF	
D040 X25	K040PF	
D085 X25	K085PF	
D195 X25	K195PF	
D295 X25	K295PF	
D400 X25	K400PF	
D500 X25	K500PF	

Grade ACS - Activated carbon

walker model	replaces	
D006 ACS	K006ACS	
D013 ACS	K013ACS	
D025 ACS	K025ACS	
D040 ACS	K040ACS	
D085 ACS	K085ACS	
D195 ACS	K195ACS	
D295 ACS	K295ACS	
D400 ACS	K400ACS	
D500 ACS	K500ACS	

Grade X1 - 1 micron filtration

walker model	replaces	
D009 X1	K009AO	
D017 X1	K017AO	
D030 X1	K030AO	
D058 X1	K058AO	
D145 X1	K145AO	
D220 X1	K220AO	
D330 X1	K330AO	
D430 X1	K430AO	
D620 X1	K620AO	

Grade ACS - Activated carbon

walker model	replaces	
D009 ACS	K009ACS	
D017 ACS	K017ACS	
D030 ACS	K030ACS	
D058 ACS	K058ACS	
D145 ACS	K145ACS	
D220 ACS	K220ACS	
D330 ACS	K330ACS	
D430 ACS	K430ACS	
D620 ACS	K620ACS	

Grade ASR - Sterile filters

walker model	replaces	
D2 ASR	MER2SRH/MER2SRL	
D3 ASR	MER3SRH/MER3SRL	
D4 ASR	MER4SRH	
D8 ASR	MER8SRH	
D12 ASR	MER12SRH	
D24 ASR	MER24SRH	

Ammonia Filter Elements (NH₃) - 1 micron

walker model	replaces	
D12BX1NH ₃	C12MSDBNH ₃	
D24BX1NH ₃	C24MSDBNH ₃	
D245BX1NH ₃	C245MSDNH ₃	
D120X1NH ₃	E120AONH ₃	
D250X1NH ₃	E250AONH ₃	
D360X1NH ₃	E360AONH ₃	

Grade XA - 0.01 micron / 0.01 mg/m³ oil removal

walker model	replaces	
D009 XA	K009AA	
D017 XA	K017AA	
D030 XA	K030AA	
D058 XA	K058AA	
D145 XA	K145AA	
D220 XA	K220AA	
D330 XA	K330AA	
D430 XA	K430AA	
D620 XA	K620AA	

Grade AC - Activated carbon

walker model	replaces	
D006 AC	K006AC	
D013 AC	K013AC	
D025 AC	K025AC	
D040 AC	K040AC	
D065 AC	K065AC	
D085 AC	K085AC	

Ammonia Filter Elements (NH₃) - 0.01 micron

walker model	replaces	
D12BXANH ₃	C12DBNH ₃	
D24BXANH ₃	C24DBNH ₃	
D245XANH ₃	C245DNH ₃	
D120XANH ₃	E120AANH ₃	
D250XANH ₃	E250AANH ₃	
D360XANH ₃	E360AANH ₃	

Grade X1 - 1 micron filtration

walker model	replaces	
D006 X1	K006AO	
D013 X1	K013AO	
D025 X1	K025AO	
D040 X1	K040AO	
D085 X1	K085AO	
D195 X1	K195AO	
D295 X1	K295AO	
D400 X1	K400AO	
D500 X1	K500AO	

Grade XA - 0.01 micron / 0.01 mg/m³ oil removal

walker model	replaces	
D006 XA	K006AA	
D013 XA	K013AA	
D025 XA	K025AA	
D040 XA	K040AA	
D085 XA	K085AA	
D195 XA	K195AA	
D295 XA	K295AA	
D400 XA	K400AA	
D500 XA	K500AA	

Grade XAA - 0.001 micron / 0.001 mg/m³ oil removal

walker model	replaces	
D006 XAA	K006AX	
D013 XAA	K013AX	
D025 XAA	K025AX	
D040 XAA	K040AX	
D085 XAA	K085AX	
D195 XAA	K195AX	
D295 XAA	K295AX	
D400 XAA	K400AX	
D500 XAA	K500AX	

technical notes

All replacement filter elements supplied against Domnick Hunter 'K' references are supplied with O-ring kits.



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Replacement current filter elements manufactured by Walker Filtration Ltd to fit housings made by DOMNICK HUNTER (PARKER) Ltd.

domnick hunter (parker)



Grade X25 - 25 micron pre filter

walker model	replaces	
D007 X25	K007PF	
D011 X25	K011PF	
D035 X25	K035PF	
D060 X25	K060PF	
D120 X25	K120PF	
D200 X25	K200PF	
D250 X25	K250PF	
D300 X25	K300PF	
D360 X25	K360PF	

Grade X1 - 1 micron filtration

walker model	replaces	
D3 X1	C3MS	
D4 X1	C4MS	
D8 X1	C8MS	
D12 DX1	C12 MSD	
D12 X1	C12MS	
D12 BX1	C12MSDB	
D24 BX1	C24MSDB	
D155 X1	C155MSD	
D185 X1	C185MSD	
D245 X1	C245MSD	
D007 X1	K007AO	
D011 X1	K011AO	
D035 X1	K035AO	
D060 X1	K060AO	
D120 X1	K120AO	
D200 X1	K200AO	
D250 X1	K250AO	
D300 X1	K300AO	
D360 X1	K360AO	

Grade XA - 0.01 micron oil removal

walker model	replaces	
D2 XA	C2EPO	
D3 XA	C3EPO	
D4 XA	C4EPO	
D8 XA	C8EPO	
D12 XA	C12EPO	
D24 XA	C24EPO	
D12 DXA	C12D	
D12B XA	C12DB	
D24B XA	C24DB	
D155 XA	C155D	
D185 XA	C185D	
D245 XA	C245D	
D305 XA	C305D	
D007 XA	K007AA	
D011 XA	K011AA	
D035 XA	K035AA	
D060 XA	K060AA	
D120 XA	K120AA	
D200 XA	K200AA	
D250 XA	K250AA	
D300 XA	K300AA	
D360 XA	K360AA	

Grade AC - Activated carbon

walker model	replaces	
D4 AC	C4AC	
D8 AC	C8AC	
D12 AC	C12AC	
D12 ACB	C12ACDB	
D24 ACB	C24ACDB	
D155 AC	C155ACD	
D245 AC	C245ACD	
D011 AC	ABN 1	
D011 AC	E011AC	
D060 AC	E060AC	
D120 AC	E120AC	
D200 AC	E200AC	
D250 AC	E250AC	
D300 AC	E300AC	
D360 AC	E360AC	

Grade AS - Sterile filters

walker model	replaces	
D 2AS	C 2ME & MESR	
D 3AS	C 3ME & MESR	
D 4AS	C 4ME & MESR	
D 8AS	C 8ME & MESR	
D 12AS	C12ME & MESR	
D 12ASB	C12MERBSR	
D 24AS	C24ME & MESR	
D 24ASB	C24MERBSR	
D 36ASB	C36MERBSR	

Grade MV - Medical vacuum

walker model	replaces	
D3 MV	C3CT	
D4 MV	C4CT	
D8 MV	C8CT	
D12 MV	C12CT	
D12 BMV	C12CTDB	
D24 BMV	C24CTDB	
D125 MV	C125CTD	
D155 MV	C155CTD	
D185 NFBMV	C185CTD	
D245 MV	C245CTD	
D011 MV	E011CT	
D035 MV	E035CT	
D060 MV	E060CT	
D120 MV	E120CT	
D250 MV	E250CT	
D360 MV	E360CT	

High temperature requirement filter elements

Grade TX1 - 1 micron high temperature

walker model	replaces	
D4 TX1	C4MSTS	
D8 TX1	C8MSTS	
D12 TX1	C12MSTS	
D12 BTX1	C12MSDTS	
D24 BTX1	C24MSDBTS	
D155 TX1	C155MSDTS	
D185 TX1	C185MSDTS	
D245 TX1	C245MSDTS	
D007 TX1	E007AOTS	
D011 TX1	E011AOTS	
D035 TX1	E035AOTS	
D060 TX1	E060AOTS	
D085 TX1	E085AOTS	
D120 TX1	E120AOTS	
D195 TX1	K195AOTS	
D200 TX1	E200AOTS	
D250 TX1	E250AOTS	
D295 TX1	K295AOTS	
D300 TX1	E300AOTS	
D360 TX1	E360AOTS	
D500 TX1	K500AOTS	

Grade TXA - 0.01 micron high temperature

walker model	replaces	
D2 TXA	C2TS	
D3 TXA	C3TS	
D4 TXA	C4TS	
D8 TXA	C8TS	
D12 TXA	C12TS	
D12 BTXA	C12DBTS	
D24 BTXA	C24DBTS	
D155 TXA	C155DTS	
D185 TXA	C185DTS	
D245 TXA	C245DTS	
D305 TXA	C305DTS	
D007 TXA	E007AATS	
D011 TXA	E011AATS	
D035 TXA	E035AATS	
D060 TXA	E060AATS	
D085 TXA	E085AATS	
D120 TXA	E120AATS	
D195 TXA	K195AATS	
D200 TXA	E200AATS	
D250 TXA	E250AATS	
D295 TXA	K295AATS	
D300 TXA	E300AATS	
D360 TXA	E360AATS	
D500 TXA	K500AATS	





Replacement filter elements manufactured by Walker Filtration Ltd to fit DONALDSON ULTRAFILTER 90 series.

donaldson ultrafilter 90 series

MARCH 2010

Grade UV - 25 micron pre filter

walker model	replaces	
UV 0205	V-PE 02/05	
UV 0210	V-PE 02/10	
UV 0305	V-PE 03/05	
UV 0310	V-PE 03/10	
UV 0410	V-PE 04/10	
UV 0420	V-PE 04/20	
UV 0520	V-PE 05/20	
UV 0525	V-PE 05/25	
UV 0725	V-PE 07/25	
UV 0730	V-PE 07/30	
UV 1030	V-PE 10/30	
UV 1530	V-PE 15/30	
UV 2030	V-PE 20/30	
UV 3030	V-PE 30/30	
UV 3050	V-PE 30/50	

Grade USM - 0.01 micron oil removal

walker model	replaces	
USM 0205	SMF 02/05	
USM 0210	SMF 02/10	
USM 0305	SMF 03/05	
USM 0310	SMF 03/10	
USM 0410	SMF 04/10	
USM 0420	SMF 04/20	
USM 0520	SMF 05/20	
USM 0525	SMF 05/25	
USM 0725	SMF 07/25	
USM 0730	SMF 07/30	
USM 1030	SMF 10/30	
USM 1530	SMF 15/30	
USM 2030	SMF 20/30	
USM 3030	SMF 30/30	
USM 3050	SMF 30/50	

Replacement elements for

Donaldson Ultrafilter 90 series HT/CR or HT/NX

walker model	replaces	
UFF/UMF/USM 0205*	FF/MF/SMF 02/05	
UFF/UMF/USM 0305*	FF/MF/SMF 03/05	
UFF/UMF/USM 0310*	FF/MF/SMF 03/10	
UFF/UMF/USM 0410*	FF/MF/SMF 04/10	
UFF/UMF/USM 0420*	FF/MF/SMF 04/20	
UFF/UMF/USM 0520*	FF/MF/SMF 05/20	
UFF/UMF/USM 0525*	FF/MF/SMF 05/25	
UFF/UMF/USM 0725*	FF/MF/SMF 07/25	
UFF/UMF/USM 0730*	FF/MF/SMF 07/30	
UFF/UMF/USM 1030*	FF/MF/SMF 10/30	
UFF/UMF/USM 1530*	FF/MF/SMF 15/30	
UFF/UMF/USM 2030*	FF/MF/SMF 20/30	
UFF/UMF/USM 3030*	FF/MF/SMF 30/30	
UFF/UMF/USM 3050*	FF/MF/SMF 30/50	

* Please indicate grade required

Grade UFF - 1 micron oil removal

walker model	replaces	
UFF 0205	FF 02/05	
UFF 0210	FF 02/10	
UFF 0305	FF 03/05	
UFF 0310	FF 03/10	
UFF 0410	FF 04/10	
UFF 0420	FF 04/20	
UFF 0520	FF 05/20	
UFF 0525	FF 05/25	
UFF 0725	FF 07/25	
UFF 0730	FF 07/30	
UFF 1030	FF 10/30	
UFF 1530	FF 15/30	
UFF 2030	FF 20/30	
UFF 3030	FF 30/30	
UFF 3050	FF 30/50	

Grade UAC - Activated carbon

walker model	replaces	
UAC 0205	AK 02/05	
UAC 0210	AK 02/10	
UAC 0305	AK 03/05	
UAC 0310	AK 03/10	
UAC 0410	AK 04/10	
UAC 0420	AK 04/20	
UAC 0520	AK 05/20	
UAC 0525	AK 05/25	
UAC 0725	AK 07/25	
UAC 0730	AK 07/30	
UAC 1030	AK 10/30	
UAC 1530	AK 15/30	
UAC 2030	AK 20/30	
UAC 3030	AK 30/30	
UAC 3050	AK 30/50	

Grade UMF - 0.1 micron oil removal

walker model	replaces	
UMF 0205	MF 02/05	
UMF 0210	MF 02/10	
UMF 0305	MF 03/05	
UMF 0310	MF 03/10	
UMF 0410	MF 04/10	
UMF 0420	MF 04/20	
UMF 0520	MF 05/20	
UMF 0525	MF 05/25	
UMF 0725	MF 07/25	
UMF 0730	MF 07/30	
UMF 1030	MF 10/30	
UMF 1530	MF 15/30	
UMF 2030	MF 20/30	
UMF 3030	MF 30/30	
UMF 3050	MF 30/50	

Grade USR - Sterile filters

walker model	replaces	
USR 0205	SRF 02/05	
USR 0210	SRF 02/10	
USR 0305	SRF 03/05	
USR 0310	SRF 03/10	
USR 0410	SRF 04/10	
USR 0420	SRF 04/20	
USR 0520	SRF 05/20	
USR 0525	SRF 05/25	
USR 0725	SRF 07/25	
USR 0730	SRF 07/30	
USR 1030	SRF 10/30	
USR 1530	SRF 15/30	
USR 2030	SRF 20/30	
USR 3030	SRF 30/30	
USR 3050	SRF 30/50	

ordering information

Walker Filtration supply both threaded (USR) and push-fit (UPSR) replacement filter elements. Please indicate your preference when ordering.



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Replacement filter elements manufactured by Walker Filtration Ltd to fit
DONALDSON ULTRAFILTER 80 series.



donaldson ultrafilter 80 series

Grade UV - 25 micron pre filter

walker model	replaces	
UV 310	V 3/1	
UV 315	V 3/1.5	
UV 415	V 4/1.5	
UV 425	V 4/2.5	
UV 525	V 5/2.5	
UV 530	V 5/3	
UV 103	V 10/3	
UV 153	V 15/3	
UV 203	V 20/3	
UV 303	V 30/3	
UV 305	V 30/5	

Grade UFF - 1 micron oil removal

walker model	replaces	
UFF 310	FF 3/1	
UFF 315	FF 3/1.5	
UFF 415	FF 4/1.5	
UFF 425	FF 4/2.5	
UFF 525	FF 5/2.5	
UFF 530	FF 5/3	
UFF 103	FF10/3	
UFF 153	FF15/3	
UFF 203	FF20/3	
UFF 303	FF30/3	
UFF 305	FF30/5	

Grade UMF - 0.1 micron oil removal

walker model	replaces	
UMF 310	MF 3/1	
UMF 315	MF 3/1.5	
UMF 415	MF 4/1.5	
UMF 425	MF 4/2.5	
UMF 525	MF 5/2.5	
UMF 530	MF 5/3	
UMF 103	MF10/3	
UMF 153	MF15/3	
UMF 203	MF20/3	
UMF 303	MF30/3	
UMF 305	MF30/5	

Grade USM - 0.01 micron oil removal

walker model	replaces	
USM 310	SMF 3/1	
USM 315	SMF 3/1.5	
USM 415	SMF 4/1.5	
USM 425	SMF 4/2.5	
USM 525	SMF 5/2.5	
USM 530	SMF 5/3	
USM 103	SMF10/3	
USM 153	SMF15/3	
USM 203	SMF20/3	
USM 303	SMF30/3	
USM 305	SMF30/5	

Grade UAC - Activated carbon

walker model	replaces	
UAC 310	AK 3/1	
UAC 315	AK 3/1.5	
UAC 415	AK 4/1.5	
UAC 425	AK 4/2.5	
UAC 525	AK 5/2.5	
UAC 530	AK 5/3	
UAC 103	AK10/3	
UAC 153	AK15/3	
UAC 203	AK20/3	
UAC 303	AK30/3	
UAC 305	AK30/5	

Grade USR - Sterile filters

walker model	replaces	
USR 310	SRF 3/1	
USR 315	SRF 3/1.5	
USR 415	SRF 4/1.5	
USR 425	SRF 4/2.5	
USR 525	SRF 5/2.5	
USR 530	SRF 5/3	
USR 103	SRF10/3	
USR 153	SRF15/3	
USR 203	SRF20/3	
USR 303	SRF30/3	
USR 305	SRF30/5	

Replacement elements for Donaldson Ultrafilter 80 series HT/CR or HT/NX

walker model	replaces	
UFF/UMF/USM 310*	3/1 FF/MF/SMF	
UFF/UMF/USM 315*	3/1.5 FF/MF/SMF	
UFF/UMF/USM 415*	4/1.5 FF/MF/SMF	
UFF/UMF/USM 425*	4/2.5 FF/MF/SMF	
UFF/UMF/USM 525*	5/2.5 FF/MF/SMF	
UFF/UMF/USM 530*	5/3 FF/MF/SMF	
UFF/UMF/USM 103*	10/3 FF/MF/SMF	
UFF/UMF/USM 153*	15/3 FF/MF/SMF	
UFF/UMF/USM 203*	20/3 FF/MF/SMF	
UFF/UMF/USM 303*	30/3 FF/MF/SMF	
UFF/UMF/USM 305*	30/5 FF/MF/SMF	

* Please indicate grade required

ordering information

Walker Filtration supply both threaded (USR) and push-fit (UPSR) replacement filter elements. Please indicate your preference when ordering.





Replacement filter elements manufactured by Walker Filtration Ltd to fit DONALDSON ULTRAFILTER 70 series.

donaldson ultrafilter 70 series

Grade UPE - 25 micron pre filter

walker model	replaces	
UPE 215	V-PE 2/1.5	
UPE 415	V-PE 4/1.5	
UPE 43	V-PE 4/3	
UPE 83	V-PE 8/3	
UPE 1231S	V-PE 12/3 1"S	
UPE 1231G	V-PE 12/3 1"G	
UPE 1232S	V-PE 12/3 2"S	
UPE 2431G	V-PE 24/3 1"G	
UPE 2431S	V-PE 24/3 1"S	
UPE 2432S	V-PE 24/3 2"S	
UPE 155	V-PE 15/5	
UPE 245	V-PE 24/5	

Grade UOL - 0.01 micron oil removal

walker model	replaces	
UOL 215	OL 2/1.5	
UOL 415	OL 4/1.5	
UOL 43	OL 4/3	
UOL 83	OL 8/3	
UOL 1231G	OL 12/3 1"G	
UOL 1231S	OL 12/3 1"S	
UOL 1232G	OL 12/3 2"G	
UOL 2431G	OL 24/3 1"G	
UOL 2431S	OL 24/3 1"S	
UOL 2432S	OL 24/3 2"S	
UOL 155	OL 15/5	
UOL 245	OL 24/5	

Grade UFF - 1 micron pre-filter

walker model	replaces	
UFF 215	FF 2/1.5	
UFF 415	FF 4/1.5	
UFF 43	FF 4/3	
UFF 83	FF 8/3	
UFF 1231S	FF 12/3 1"S	
UFF 1231G	FF 12/3 1"G	
UFF 1232S	FF 12/3 2"S	
UFF 2431G	FF 24/3 1"G	
UFF 2431S	FF 24/3 1"S	
UFF 2432S	FF 24/3 2"S	
UFF 155	FF 15/5	
UFF 245	FF 24/5	

Grade UAC - Activated carbon

walker model	replaces	
UAC 215	AK 2/1.5	
UAC 415	AK 4/1.5	
UAC 43	AK 4/3	
UAC 83	AK 8/3	
UAC 1231G	AK 12/3 1"G	
UAC 1232S	AK 12/3 2"S	
UAC 203	AK 20/3	
UAC 205	AK 20/5	

Grade UMF - 0.1 micron oil removal

walker model	replaces	
UMF 215	MF 2/1.5	
UMF 415	MF 4/1.5	
UMF 43	MF 4/3	
UMF 83	MF 8/3	
UMF 1231S	MF 12/3 1"S	
UMF 1231G	MF 12/3 1"G	
UMF 1232S	MF 12/3 2"S	
UMF 2431G	MF 24/3 1"G	
UMF 2431S	MF 24/3 1"S	
UMF 2432S	MF 24/3 2"S	
UMF 155	MF 15/5	
UMF 245	MF 24/5	

Grade USR - Sterile filters

walker model	replaces	
USR 215	SRF 2/1.5	
USR 215S	SRF 2/1.5S	
USR 415	SRF 4/1.5	
USR 415S	SRF 4/1.5S	
USR 43	SRF 4/3	
USR 43S	SRF 4/3S	
USR 83	SRF 8/3	
USR 83S	SRF 8/3S	
USR 1231G	SRF 12/3 1"G	
USR 123S	SRF 12/3S	
USR 1232G	SRF 12/3 2"G	
USR 2431G	SRF 24/3 1"G	
USR 2432G	SRF 24/3 2"G	
USR 245	SRF 24/5	



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Replacement mist eliminators manufactured by Walker Filtration Ltd to fit EDWARDS vacuum pumps.

edwards



walker model	replaces	
EMF3	A223-04-197	
EMF3	A223-04-080	
EMF3AC	A223-04-081	
EMF10	A223-04-198	
EMF10	A223-04-078	
EMF10AC	A223-04-079	
EMF20	A223-04-199	
EMF20	A223-04-076	
EMF20AC	A223-04-077	
EMF30	A223-04-057	

walker model	replaces	
EMF717	A223-04-057	
E825MF	A223-04-020	
E837MF	A223-04-021	





Replacement filter elements manufactured by Walker Filtration Ltd to fit FINITE (PARKER) filter housings.

finite (parker)

Pleated pre filter

walker model	replaces
FN 10025PU	3 PU 10 025
FN 10050PU	3 PU 10 050
FN 15060PU	3 PU 15 060
FN 15095PU	3 PU 15 095
FN 20130PU	3 PU 20 130
FN 20187PU	3 PU 20 187
FN 25130PU	3 PU 25 130
FN 25187PU	3 PU 25 187
FN 25235PU	3 PU 25 235
FN 25280PU	3 PU 25 280
FN 35280PU	3 PU 35 280
FN 51280PU	3 PU 51 280
FN 85250PU	3 PU 85 250
FN 85360PU	3 PU 85 360

Efficiency rating 98.5% at 1 micron

walker model	replaces
FN 10025 (*) 8	8 (*) 10 025
FN 10050 (*) 8	8 (*) 10 050
FN 15060 (*) 8	8 (*) 15 060
FN 15095 (*) 8	8 (*) 15 095
FN 20130 (*) 8	8 (*) 20 130
FN 20187 (*) 8	8 (*) 20 187
FN 25130 (*) 8	8 (*) 25 130
FN 25187 (*) 8	8 (*) 25 187
FN 25235 (*) 8	8 (*) 25 235
FN 25280 (*) 8	8 (*) 25 280
FN 35280 (*) 8	8 (*) 35 280
FN 51280 (*) 8	8 (*) 51 280
FN 85250 (*) 8	8 (*) 85 250
FN 85360 (*) 8	8 (*) 85 360

Efficiency rating 99.9999+% at 0.4 micron

walker model	replaces
FN 10025 (*) 2	2 (*) 10 025
FN 10050 (*) 2	2 (*) 10 050
FN 15060 (*) 2	2 (*) 15 060
FN 15095 (*) 2	2 (*) 15 095
FN 20130 (*) 2	2 (*) 20 130
FN 20187 (*) 2	2 (*) 20 187
FN 25130 (*) 2	2 (*) 25 130
FN 25187 (*) 2	2 (*) 25 187
FN 25235 (*) 2	2 (*) 25 235
FN 25280 (*) 2	2 (*) 25 280
FN 35280 (*) 2	2 (*) 35 280
FN 51280 (*) 2	2 (*) 51 280
FN 85250 (*) 2	2 (*) 85 250
FN 85360 (*) 2	2 (*) 85 360

Efficiency rating 90% at 3 micron

walker model	replaces
FN 10025 (*)12	12 (*) 10 025
FN 10050 (*)12	12 (*) 10 050
FN 15060 (*)12	12 (*) 15 060
FN 15095 (*)12	12 (*) 15 095
FN 20130 (*)12	12 (*) 20 130
FN 20187 (*)12	12 (*) 20 187
FN 25130 (*)12	12 (*) 25 130
FN 25187 (*)12	12 (*) 25 187
FN 25235 (*)12	12 (*) 25 235
FN 25280 (*)12	12 (*) 25 280
FN 35280 (*)12	12 (*) 35 280
FN 51280 (*)12	12 (*) 51 280
FN 85250 (*)12	12 (*) 85 250
FN 85360 (*)12	12 (*) 85 360

Efficiency rating 99.97% at 0.75 micron

walker model	replaces
FN 10025 (*) 6	6 (*) 10 025
FN 10050 (*) 6	6 (*) 10 050
FN 15060 (*) 6	6 (*) 15 060
FN 15095 (*) 6	6 (*) 15 095
FN 20130 (*) 6	6 (*) 20 130
FN 20187 (*) 6	6 (*) 20 187
FN 25130 (*) 6	6 (*) 25 130
FN 25187 (*) 6	6 (*) 25 187
FN 25235 (*) 6	6 (*) 25 235
FN 25280 (*) 6	6 (*) 25 280
FN 35280 (*) 6	6 (*) 35 280
FN 51280 (*) 6	6 (*) 51 280
FN 85250 (*) 6	6 (*) 85 250
FN 85360 (*) 6	6 (*) 85 360

Grade AC - Efficiency rating 0.003 ppm oil vapour removal

walker model	replaces
FN 10025AU	AU 10 025
FN 10050AU	AU 10 050
FN 15060AU	AU 15 060
FN 15095AU	AU 15 095
FN 20130AU	AU 20 130
FN 20187AU	AU 20 187
FN 25130AU	AU 25 130
FN 25187AU	AU 25 187
FN 25235AU	AU 25 235
FN 25280AU	AU 25 280
FN 35280AU	AU 35 280
FN 51280AU	AU 51 280
FN 85250AU	AU 85 250
FN 85360AU	AU 85 360

(*) = GRADE:

3PU - Pleated pre filter with polyurethane moulded end caps.

CU - Coalescing borosilicate glass microfibre tube and rigid support cylinder. Includes polyurethane moulded end caps.

QU - Coalescing borosilicate glass microfibre tube, with rigid support cylinder and an additional outer pleated pre-filter is fitted to models FN 51280 to FN 85360. Includes polyurethane moulded end caps.

AU - Activated carbon odour removal filter element with moulded polyurethane end caps.

Efficiency rating 95% at 2 micron

walker model	replaces
FN 10025 (*)10	10 (*) 10 025
FN 10050 (*)10	10 (*) 10 050
FN 15060 (*)10	10 (*) 15 060
FN 15095 (*)10	10 (*) 15 095
FN 20130 (*)10	10 (*) 20 130
FN 20187 (*)10	10 (*) 20 187
FN 25130 (*)10	10 (*) 25 130
FN 25187 (*)10	10 (*) 25 187
FN 25235 (*)10	10 (*) 25 235
FN 25280 (*)10	10 (*) 25 280
FN 35280 (*)10	10 (*) 35 280
FN 51280 (*)10	10 (*) 51 280
FN 85250 (*)10	10 (*) 85 250
FN 85360 (*)10	10 (*) 85 360

Efficiency rating 99.995% at 0.6 micron

walker model	replaces
FN 10025 (*) 4	4 (*) 10 025
FN 10050 (*) 4	4 (*) 10 050
FN 15060 (*) 4	4 (*) 15 060
FN 15095 (*) 4	4 (*) 15 095
FN 20130 (*) 4	4 (*) 20 130
FN 20187 (*) 4	4 (*) 20 187
FN 25130 (*) 4	4 (*) 25 130
FN 25187 (*) 4	4 (*) 25 187
FN 25235 (*) 4	4 (*) 25 235
FN 25280 (*) 4	4 (*) 25 280
FN 35280 (*) 4	4 (*) 35 280
FN 51280 (*) 4	4 (*) 51 280
FN 85250 (*) 4	4 (*) 85 250
FN 85360 (*) 4	4 (*) 85 360



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Replacement filter elements manufactured by Walker Filtration Ltd to fit GARDNER DENVER filter housings.

gardner denver

walker model	replaces	
GD12 (Grade) E	FIL12 (Grade) E	
GD14 (Grade) E	FIL14 (Grade) E	
GD16 (Grade) E	FIL16 (Grade) E	
GD18 (Grade) E	FIL18 (Grade) E	
GD20 (Grade) E	FIL20 (Grade) E	
GD22 (Grade) E	FIL22 (Grade) E	
GD24 (Grade) E	FIL24 (Grade) E	
GD26 (Grade) E	FIL26 (Grade) E	
GD28 (Grade) E	FIL28 (Grade) E	
GD30 (Grade) E	FIL30 (Grade) E	
GD32 (Grade) E	FIL32 (Grade) E	
GD34 (Grade) E	FIL34 (Grade) E	

Grade:
 X1 replaces grade C (1 micron filter)
 RX1 replaces grade D (dust 1 micron)
 XA replaces grade E (0.01 micron)
 XAA replaces grade F (0.001 micron)
 AC replaces grade G (activated carbon)

Replacement filter elements manufactured by Walker Filtration Ltd to fit GEMOC filter housings.

gemoc

Grade AC - Activated carbon

walker model	replaces		walker model	replaces	
GF0501 AC	501		GF0501 (Grade)	501	
GF0701 AC	701		GF0701 (Grade)	701	
GF1401 AC	1401		GF1401 (Grade)	1401	
GF1151 AC	1151		GF1151 (Grade)	1151	
GF1501 AC	1501		GF1501 (Grade)	1501	
GF3001 AC	3001		GF3001 (Grade)	3001	
GF4101 AC	4101		GF4101 (Grade)	4101	
GF6001 AC	6001		GF6001 (Grade)	6001	
GF6101 AC	6101		GF6101 (Grade)	6101	

Grade:
 X5 replaces grade V (5 micron dust filter)
 XO replaces grade M (0.1 micron coalescing)
 XA replaces grade S (0.01 micron coalescing)
 RX5 replaces grade N (3 micron after filter)
 AC replaces grade A (Activated Carbon)





Replacement filter elements manufactured by Walker Filtration Ltd to fit HANKISON (SPX) filter housings.

hankison (spx)

1 micron filter

walker model	replaces	
HK07313P	0731-3	
HK07314P	0731-4	
HK07315P	0731-5	
HK07316P	0731-6	
HK07317P	0731-7	
HK07318P	0731-8	
HK07319P	0731-9	

1 micron filter

walker model	replaces	
HK27313P	27313	
HK27314P	27314	
HK27315P	27315	
HK27316P	27316	
HK27317P	27317	
HK27318P	27318	
HK27319P	27319	

walker model	replaces	
HK (Grade) -12	E (Grade) -12	
HK (Grade) -16	E (Grade) -16	
HK (Grade) -20	E (Grade) -20	
HK (Grade) -24	E (Grade) -24	
HK (Grade) -28	E (Grade) -28	
HK (Grade) -32	E (Grade) -32	
HK (Grade) -36	E (Grade) -36	
HK (Grade) -40	E (Grade) -40	
HK (Grade) -44	E (Grade) -44	
HK (Grade) -48	E (Grade) -48	
HK (Grade) -54	E (Grade) -54	
HK (Grade) -PV	E (Grade) -PV	

0.01 micron oil removal

walker model	replaces	
HK07132C	0713-2	
HK07133C	0713-3	
HK07134C	0713-4	
HK07135C	0713-5	
HK07136C	0713-6	
HK07137C	0713-7	
HK071311C	0713-11	
HK071312C	0713-12	

0.01 micron oil removal

walker model	replaces	
HK27132C	27132	
HK27133C	27133	
HK27134C	27134	
HK27135C	27135	
HK27136C	27136	
HK27137C	27137	
HK271311C	271311	

Activated carbon

walker model	replaces	
HK07152AC	0715-2	
HK07153AC	0715-3	
HK07154AC	0715-4	
HK07155AC	0715-5	
HK07156AC	0715-6	
HK07157AC	0715-7	
HK071511AC	0715-11	
HK071312AC	0715-12	

Activated carbon

walker model	replaces	
HK27152AC	27152	
HK27153AC	27153	
HK27154AC	27154	
HK27155AC	27155	
HK27156AC	27156	
HK27157AC	27157	
HK271511AC	271511	

Grade:

- X5 replaces grade 9 (5 micron filter)
- X1 replaces grade 7 (1 micron filter)
- XA replaces grade 5 (0.01 micron filter)
- XAA replaces grade 3 (0.001 micron filter)
- AC replaces grade 1 (activated carbon)



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Replacement filter elements manufactured by Walker Filtration Ltd to fit
HIROSS (PARKER) filter housings.

hiross (parker)

walker model	replaces 1999	replaces 2000/01	
H004 (grade)	004	10	
H006 (grade)	006	10	
H007 (grade)	007	16	
H009 (grade)	009	16	
H015 (grade)	015	22	
H020 (grade)	020	22	
H024 (grade)	024	30	
H035 (grade)	035	45	
H060 (grade)	060	72	
H090 (grade)	090	135	
H110 (grade)	110	135	
H120 (grade)	120	205	
H150 (grade)	150	250	
H151 (grade)	151	205	
H180 (grade)	180	250	
H200 (grade)	200	260	
H240 (grade)	240	280	
H280 (grade)	280	280	

Grade:

X1 replaces grade P (general purpose)

XA replaces grade S (oil removal)

AC replaces grade C (Activated carbon)

Grade X5

5 micron filter

walker model	replaces 1999	replaces 2000/01	
H004 X5	004 Q	10	
H006 X5	006 Q	10	
H007 X5	007 Q	16	
H009 X5	009 Q	16	
H015 X5	015 Q	22	
H020 X5	020 Q	22	
H024 X5	024 Q	30	
H035 X5	035 Q	45	
H060 X5	060 Q	72	
H090 X5	090 Q	135	
H110 X5	110 Q	135	
H120 X5	120 Q	205	
H150 X5	150 Q	250	
H151 X5	151 Q	205	
H180 X5	180 Q	250	
H200 X5	200 Q	260	
H240 X5	240 Q	280	
H280 X5	280 Q	280	





Replacement filter elements manufactured by Walker Filtration Ltd to fit HPC filter housings.

hpc

Grade X1 - 1 micron filter

walker model	replaces
D009 X1	K009 AO
D017 X1	K017 AO
D030 X1	K030 AO
D058 X1	K058 AO
D145 X1	K145 AO
D220 X1	K220 AO
D330 X1	K330 AO
D430 X1	K430 AO
D620 X1	K620 AO

Grade XA - 0.01 micron oil removal

walker model	replaces
D009 XA	K009 AA
D017 XA	K017 AA
D030 XA	K030 AA
D058 XA	K058 AA
D145 XA	K145 AA
D220 XA	K220 AA
D330 XA	K330 AA
D430 XA	K430 AA
D620 XA	K620 AA

Grade X1 - 1 micron filtration

walker model	replaces
D006 X1	K006 AO
D013 X1	K013 AO
D025 X1	K025 AO
D040 X1	K040 AO
D085 X1	K085 AO
D195 X1	K195 AO
D295 X1	K295 AO
D400 X1	K400 AO
D500 X1	K500 AO

Grade XA - 0.01 micron oil removal

walker model	replaces
D006 XA	K006 AA
D013 XA	K013 AA
D025 XA	K025 AA
D040 XA	K040 AA
D085 XA	K085 AA
D195 XA	K195 AA
D295 XA	K295 AA
D400 XA	K400 AA
D500 XA	K500 AA

Grade AC - Activated carbon

walker model	replaces
D006 AC	K006 AC
D013 AC	K013 AC
D025 AC	K025 AC
D040 AC	K040 AC
D065 AC	K065 AC
D085 AC	K085 AC
D195 AC	K195 AC
D295 AC	K295 AC
D400 AC	K400 AC
D500 AC	K500 AC

Replacement air oil separators and filter elements manufactured by Walker Filtration Ltd to fit HYDROVANE filter housings.

hydrovane

Replacement air oil separators

walker model	replaces	air compressor model no.	no. of separators
HY52022W	52022	6/12	1
HY3415W	3415	13/23/33	1
HY3407W	3407	43/48	1
HY52471W	52471	66	3
HY3415W	3415	120/140	5
HY52471W	52471	170	8
HY3415W	3415	250	10
HY3415W	3415	350/450	12
HY57029W	57029	5/15/25	1
HY59177W	59177	37/47/705/707	1
HY70166W	70166W	128/148/178/218	1
HY70539W	70539	68/88/711/715	2
HY3407W	3407	128<8HV/148<6HV	3
HY59180W	59180	128+9HV/148+7HV	2
HY3407W	3407	178<6HV	3
HY59180W	59180	178+7HV	3

Note:
X1 - General purpose
RX1 - Dust filter

Grade X1/RX1 - 1 micron filtration

walker model	replaces
HY 100 X1/RX1	GP/DR 100 E
HY 150 X1/RX1	GP/DR 150 E
HY 200 X1/RX1	GP/DR 200 E
HY 250 X1/RX1	GP/DR 250 E
HY 350 X1/RX1	GP/DR 350 E
HY 450 X1/RX1	GP/DR 450 E
HY 500 X1/RX1	GP/DR 500 E
HY 530 X1/RX1	GP/DR 530 E
HY 600 X1/RX1	GP/DR 600 E

Grade XA - 0.01 micron oil removal

walker model	replaces
HY 100 XA	HE 100 E
HY 150 XA	HE 150 E
HY 200 XA	HE 200 E
HY 250 XA	HE 250 E
HY 350 XA	HE 350 E
HY 450 XA	HE 450 E
HY 500 XA	HE 500 E
HY 530 XA	HE 530 E
HY 600 XA	HE 600 E

Grade AC - Activated carbon

walker model	replaces
HY 100 AC	OR 100 E
HY 150 AC	OR 150 E
HY 200 AC	OR 200 E
HY 250 AC	OR 250 E
HY 300 AC	OR 300 E
HY 350 AC	OR 350 E
HY 450 AC	OR 450 E
HY 500 AC	OR 500 E
HY 530 AC	OR 530 E
HY 600 AC	OR 600 E



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Replacement filter elements manufactured by Walker Filtration Ltd to fit
INGERSOLL RAND filter housings.

ingersoll rand



Grade X1/RX1 - 1 micron oil removal

walker model	replaces	
IRE 5 X1/RX1	5 AO/AR	
IRE 10 X1/RX1	10 AO/AR	
IRE 18 X1/RX1	18 AO/AR	
IRE 36 X1/RX1	36 AO/AR	
IRE 48 X1/RX1	48 AO/AR	
IRE 119 X1/RX1	119 AO/AR	
IRE 198 X1/RX1	198 AO/AR	
IRE 239 X1/RX1	239 AO/AR	
IRE 372 X1/RX1	372 AO/AR	

Grade XA - 0.01 micron oil removal

walker model	replaces	
IRE 5 XA	5 AA	
IRE 10 XA	10 AA	
IRE 18 XA	18 AA	
IRE 36 XA	36 AA	
IRE 48 XA	48 AA	
IRE 119 XA	119 AA	
IRE 198 XA	198 AA	
IRE 239 XA	239 AA	
IRE 372 XA	372 AA	

Grade ACS - Activated carbon

walker model	replaces	
IRE 5 ACS	5 ACS	
IRE 10 ACS	10 ACS	
IRE 18 ACS	18 ACS	
IRE 36 ACS	36 ACS	
IRE 48 ACS	48 ACS	
IRE 119 ACS	119 ACS	
IRE 198 ACS	198 ACS	
IRE 239 ACS	239 ACS	
IRE 372 ACS	372 ACS	

Grade X1/RX1 - 1 micron oil filtration

walker model	replaces	
IRE 4 X1/RX1	K4 AO/AR	
IRE 8 X1/RX1	K8 AO/AR	
IRE 15 X1/RX1	K15 AO/AR	
IRE 24 X1/RX1	K24 AO/AR	
IRE 50 X1/RX1	K50 AO/AR	
IRE 125 X1/RX1	K125 AO/AR	
IRE 180 X1/RX1	K180 AO/AR	
IRE 240 X1/RX1	K240 AO/AR	
IRE 300 X1/RX1	K300 AO/AR	

Grade XA - 0.01 micron oil filtration

walker model	replaces	
IRE 4 XA	K4 AA	
IRE 8 XA	K8 AA	
IRE 15 XA	K15 AA	
IRE 24 XA	K24 AA	
IRE 50 XA	K50 AA	
IRE 125 XA	K125 AA	
IRE 180 XA	K180 AA	
IRE 240 XA	K240 AA	
IRE 300 XA	K300 AA	

Grade AC - Activated carbon

walker model	replaces	
IRE 4 AC	K4 AC	
IRE 8 AC	K8 AC	
IRE 15 AC	K15 AC	
IRE 24 AC	K24 AC	
IRE 39 AC	K39 AC	
IRE 50 AC	K50 AC	
IRE 125 AC	K125 AC	
IRE 180 AC	K180 AC	
IRE 240 AC	K240 AC	
IRE 300 AC	K300 AC	

Note:

- X1 - General purpose
- RX1 - Dust filter





Replacement filter elements manufactured by Walker Filtration Ltd to fit KAESER filter housings.

kaeser

Grade X5 - 5 micron

walker model	replaces	
KSB 006 X5	E-B-6	
KSB 010 X5	E-B-10	
KSB 018 X5	E-B-18	
KSB 028 X5	E-B-28	
KSB 048 X5	E-B-48	
KSB 071 X5	E-B-71	
KSB 107 X5	E-B-107	
KSB 138 X5	E-B-138	
KSB 177 X5	E-B-177	
KSB 221 X5	E-B-221	
KSB 185 X5	E-B-185	
KSB 283 X5	E-B-283	

Grade XAA - 0.001 micron

walker model	replaces	
KSF 006 XAA	E-F-6	
KSF 010 XAA	E-F-10	
KSF 018 XAA	E-F-18	
KSF 028 XAA	E-F-28	
KSF 048 XAA	E-F-48	
KSF 071 XAA	E-F-71	
KSF 107 XAA	E-F-107	
KSF 138 XAA	E-F-138	
KSF 177 XAA	E-F-177	
KSF 221 XAA	E-F-221	
KSF 185 XAA	E-F-185	
KSF 283 XAA	E-F-283	

Note: For old style Kaeser elements, please contact Walker Filtration Ltd.

Grade X1 - 1 micron

walker model	replaces	
KSC 006 X1	E-C-6	
KSC 010 X1	E-C-10	
KSC 018 X1	E-C-18	
KSC 028 X1	E-C-28	
KSC 048 X1	E-C-48	
KSC 071 X1	E-C-71	
KSC 107 X1	E-C-107	
KSC 138 X1	E-C-138	
KSC 177 X1	E-C-177	
KSC 221 X1	E-C-221	
KSC 185 X1	E-C-185	
KSC 283 X1	E-C-283	

Grade AC - Activated carbon

walker model	replaces	
KSG 006 AC	E-G-6	
KSG 010 AC	E-G-10	
KSG 018 AC	E-G-18	
KSG 028 AC	E-G-28	
KSG 048 AC	E-G-48	
KSG 071 AC	E-G-71	
KSG 107 AC	E-G-107	
KSG 138 AC	E-G-138	
KSG 177 AC	E-G-177	
KSG 221 AC	E-G-221	
KSG 185 AC	E-G-185	
KSG 283 AC	E-G-283	

Grade XA - 0.01 micron

walker model	replaces	
KSE 006 XA	E-E-6	
KSE 010 XA	E-E-10	
KSE 018 XA	E-E-18	
KSE 028 XA	E-E-28	
KSE 048 XA	E-E-48	
KSE 071 XA	E-E-71	
KSE 107 XA	E-E-107	
KSE 138 XA	E-E-138	
KSE 177 XA	E-E-177	
KSE 221 XA	E-E-221	
KSE 185 XA	E-E-185	
KSE 283 XA	E-E-283	

Grade RX1 - 1 micron dust filter

walker model	replaces	
KSD 006 RX1	E-D-6	
KSD 010 RX1	E-D-10	
KSD 018 RX1	E-D-18	
KSD 028 RX1	E-D-28	
KSD 048 RX1	E-D-48	
KSD 071 RX1	E-D-71	
KSD 107 RX1	E-D-107	
KSD 138 RX1	E-D-138	
KSD 177 RX1	E-D-177	
KSD 221 RX1	E-D-221	
KSD 185 RX1	E-D-185	
KSD 283 RX1	E-D-283	

Replacement air/oil separators manufactured by Walker Filtration Ltd to fit LACY HULBERT vacuum pumps.

lacy hulbert

walker model	o.d. length	replaces	
LH 718MF	65mm / 182mm	934000-21	
LH 724MF	65mm / 240mm	934000-18	
LH 730MF	65mm / 300mm	934000-19	
LH 750MF	65mm / 487mm	934000-20	



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Replacement air oil separators manufactured by Walker Filtration Ltd to fit MATTEI air compressors.

mattei

walker model	replaces	
M20113W	CR2201130	
M30725W	CR21F30725	
M30724W	CR21A30724	
M30733W	CR21H30733	
M32486W	CR21132486	

Replacement air oil separators manufactured by Walker Filtration Ltd to fit MILS air compressors.

mils

Bacterial filter elements

walker model	replaces	
MIL1.5-7F	1.5-7F	
MILB2-9F	B2-9F	
MILB2-18F	MILB2-18F	
MILB3-18F	MILB3-18F	
MILB4-18F	MILB4-18F	

Air oil separators

walker model	replaces	
MIL604735	604735	
MIL604965	604965	
MIL606869	606869	

Replacement filter elements manufactured by Walker Filtration Ltd to fit MTA filter housings.

mta

Grade - 1 micron

walker model	replaces	
MT06050M	06050M	
MT07050M	07050M	
MT14050M	14050M	
MT12075M	12075M	
MT22075M	22075M	
MT32075M	32075M	
MT50075M	50075M	
MT51090M	51090M	
MT75140M	75140M	
MT76090M	76090M	

Grade - 3 micron

walker model	replaces	
MT06050P	06050P	
MT07050P	07050P	
MT14050P	14050P	
MT12075P	12075P	
MT22075P	22075P	
MT32075P	32075P	
MT50075P	50075P	
MT51090P	51090P	
MT75140P	75140P	
MT76090P	76090P	

Grade - 0.01 micron

walker model	replaces	
MT06050S	06050S	
MT07050S	07050S	
MT14050S	14050S	
MT12075S	12075S	
MT22075S	22075S	
MT32075S	32075S	
MT50075S	50075S	
MT51090S	51090S	
MT75140S	75140S	
MT76090S	76090S	

Grade - Activated carbon

walker model	replaces	
MT06050A	06050A	
MT07050A	07050A	
MT14050A	14050A	
MT12075A	12075A	
MT22075A	22075A	
MT32075A	32075A	
MT50075A	50075A	
MT51090A	51090A	
MT75140A	75140A	
MT76090A	76090A	





Replacement filter elements manufactured by Walker Filtration Ltd to fit NORGREN filter housings.

norgren

Grade AC - Activated carbon

walker model	replaces	
N66570AC	665-70	
N66571AC	665-71	
N66585AC	665-85	
N66586AC	665-86	
N66594AC	665-94	

Note:

Filter element models N66591XA and N66592XA do not include sintered bronze pre filter.

Grade XA - 0.01 micron oil removal

walker model	replaces	
N66572XA	665-72	
N66573XA	665-73	
N66574XA	665-74	
N66579XA	665-79	
N66580XA	665-80	
N66581XA	665-81	
N66587XA	665-87	
N66588XA	665-88	
N66591XA	665-91	
N66592XA	665-92	
N535005XA	5350-05	
N535006XA	5350-06	
N535098XA	5350-98	
N535099XA	5350-99	
N535105XA	5351-05	
N535106XA	5351-06	
N535198XA	5351-98	
N535199XA	5351-99	



Replacement filter elements manufactured by Walker Filtration Ltd
to fit PNEUMATIC PRODUCTS (SPX).

pneumatic products (spx)

walker model	replaces	
P1A02SX	PPFK1A02SU	
P1A03SX	PPFK1A03SU	
P1A03EX	PPFK1A03AF	
P1A05SX	PPFK1A05SU	
P1A05EX	PPFK1A05AF	
P2A05SU	PPFK2A05SU	
P2A07SX	PPFK2A07SU	
P2A10SX	PPFK2A10SU	
P2A10EX	PPFK2A10AF	
P3A11SX	PPFK3A11SU	
P3A13SX	PPFK3A13SU	
P3A13EX	PPFK3A13AF	
P1201SX	POS 1201 SU	
P1201EX	PCS 1201 AF	
P1001AC	MCS 1001 CE	

Original filter elements manufactured by PNEUMATIC PRODUCTS (SPX).

Grade:

- SU 0.6 Micron Absolute Super Ultipor
(Coalescing Filter)
- HT 0.9 Micron Absolute High Temperature
(230°C) following heat reactivated dryer
- AF 0.9 Micron Absolute After Filter
- CE 0.9 Micron Absolute Carbon Epocel

model	
PPFK1A03HT	
PPFK1A05HT	
PPFK2A10HT	
PPFK3A13HT	
PCS 1201 HT	





Replacement filter elements manufactured by Walker Filtration Ltd to fit SULLAIR housings.

sullair

Grade - 1 micron

walker model	replaces	
SU250024423X1	250024-423	
SU250024424X1	250024-424	
SU250024425X1	250024-425	
SU250024426X1	250024-426	
SU250024427X1	250024-427	
SU250024428X1	250024-428	
SU250024429X1	250024-429	
SU250030644X1	250030-644	
SU250024430X1	250024-430	

Grade - 0.01 micron

walker model	replaces	
SU250024431XA	250024-431	
SU250024432XA	250024-432	
SU250024433XA	250024-433	
SU250024434XA	250024-434	
SU250024435XA	250024-435	
SU250024436XA	250024-436	
SU250024437XA	250024-437	
SU250030655XA	250030-655	
SU250024438XA	250024-438	

Grade - Activated carbon

walker model	replaces	
SU250024439AC	250024-439	
SU250024440AC	250024-440	
SU250030646AC	250030-646	
SU250024441AC	250024-441	

Grade - Activated carbon

walker model	replaces	
SU250024443ACS	250024-443	
SU250024444ACS	250024-444	
SU250024445ACS	250024-445	
SU250024446ACS	250024-446	
SU250024447ACS	250024-447	

Replacement filter elements manufactured by Walker Filtration Ltd to fit TROCAIR housings.

trocair

Grade AC - activated carbon

walker model	replaces		walker model	replaces	
T1270 (Grade)	1270		T1270 AC	1270	
T1570 (Grade)	1570		T1570 AC	1570	
T3070 (Grade)	3070		T3070 AC	3070	
T6070 (Grade)	6070		T6070 AC	6070	

Grade:

V = X5 grade

M = X0 grade

S = XA grade

N = RX5 grade

Note: Please contact Walker Filtration Sales Department before ordering from this range.



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Replacement filter elements manufactured by Walker Filtration Ltd to fit ZANDER (PARKER) filter housings.

zander (parker)



Grade ZV 5 micron pre filter

walker model	replaces	
ZV 103	1030 V	
ZV 105	1050 V	
ZV 107	1070 V	
ZV 114	1140 V	
ZV 201	2010 V	
ZV 202	2020 V	
ZV 203	2030 V	
ZV 205	2050 V	
ZV 305	3050 V	
ZV 307	3075 V	
ZV 506	5060 V	
ZV 507	5075 V	

Grade ZZ 1 micron general purpose filter

walker model	replaces	
ZZ 103	1030 Z	
ZZ 105	1050 Z	
ZZ 107	1070 Z	
ZZ 114	1140 Z	
ZZ 201	2010 Z	
ZZ 202	2020 Z	
ZZ 203	2030 Z	
ZZ 205	2050 Z	
ZZ 305	3050 Z	
ZZ 307	3075 Z	
ZZ 506	5060 Z	
ZZ 507	5075 Z	

Grade ZY 0.1 micron oil filter

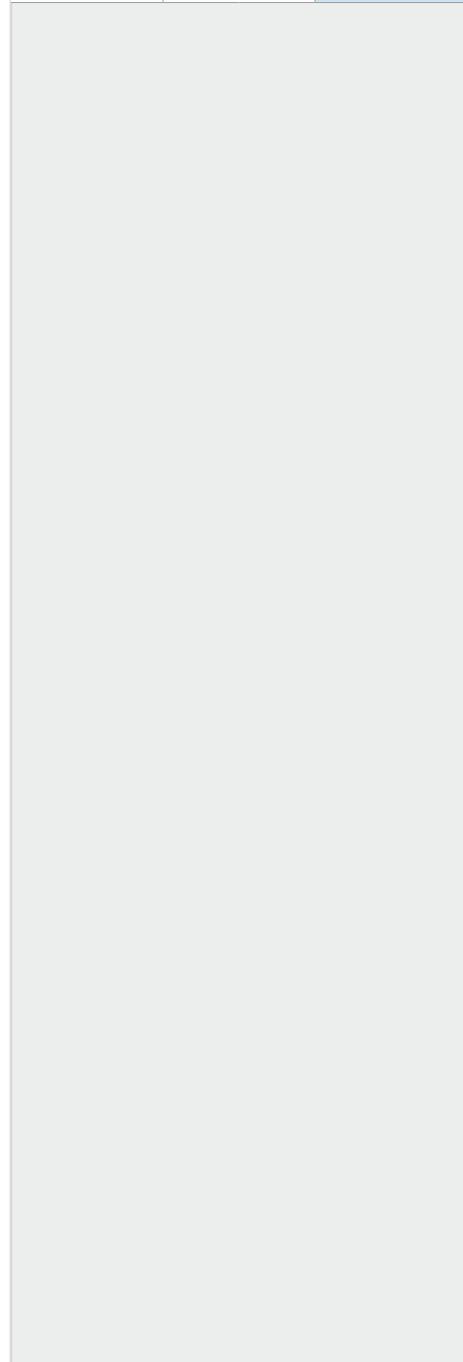
walker model	replaces	
ZY 103	1030 Y	
ZY 105	1050 Y	
ZY 107	1070 Y	
ZY 114	1140 Y	
ZY 201	2010 Y	
ZY 202	2020 Y	
ZY 203	2030 Y	
ZY 205	2050 Y	
ZY 305	3050 Y	
ZY 307	3075 Y	
ZY 506	5060 Y	
ZY 507	5075 Y	

Grade ZX 0.01 micron dust filter

walker model	replaces	
ZX 103	1030 X	
ZX 105	1050 X	
ZX 107	1070 X	
ZX 114	1140 X	
ZX 201	2010 X	
ZX 202	2020 X	
ZX 203	2030 X	
ZX 205	2050 X	
ZX 305	3050 X	
ZX 307	3075 X	
ZX 506	5060 X	
ZX 507	5075 X	

Grade ZA Activated carbon

walker model	replaces	
ZA 103	1030 A	
ZA 105	1050 A	
ZA 107	1070 A	
ZA 114	1140 A	
ZA 201	2010 A	
ZA 202	2020 A	
ZA 203	2030 A	
ZA 205	2050 A	
ZA 305	3050 A	
ZA 307	3075 A	
ZA 506	5060 A	
ZA 507	5075 A	



notes

conditions of trade

1. Definitions
- 1.1 "Vendor" shall mean Walker Filtration Limited whose registered office is situated at Spire Road, Glover East, Washington, Tyne & Wear, NE37 3ES.
- 1.2 "Goods" shall mean all or any of the goods or materials which from time to time the Vendor contracts to supply.
- 1.3 "Services" shall mean all or any of the services which from time to time the Vendor contracts to supply.
- 1.4 "Purchaser" means the person, firm, company or other corporation who places an order with the Vendor or otherwise contracts with the Vendor for any of the Goods or services.
- 1.5 "Insolvency Event" shall mean all or any of the events that any distress or execution shall be levied upon any goods of the Purchaser or if the Purchaser offers to make any arrangement with its creditors or commits any act of bankruptcy or if a petition in bankruptcy be presented against the Purchaser or if any resolution or petition to wind up the Purchaser (other than for the purpose of amalgamation or reconstruction without insolvency) shall be presented or passed or if any petition for an administration order is presented or if a receiver or manager shall be appointed over the whole or any part of the Purchaser's business or if the Vendor has any genuine reasons to believe the Purchaser is insolvent.
2. Application
- 2.1 These conditions shall apply to all contracts, whether written, oral or implied for the supply of Goods or Services.
- 2.2 Any conditions of purchase or other terms provided by the Purchaser shall be of no effect whatsoever nor shall any variation or alteration of these conditions be of any effect unless made in writing and signed by or on behalf of the Vendor by a duly authorised signatory of the Vendor.
- 2.3 No binding contract shall be created by the placing of an order by the Purchaser unless and until the Vendor's written acknowledgement of the order shall have been posted or delivered which acknowledgement will be deemed to repeat these conditions. Alternatively, in the event that no such acknowledgement is sent, at the time of acceptance of any order for the Goods or Services by the Vendor a binding contract will be created subject to these conditions.
3. Quotations
- 3.1 Any quotation in whatever form given to the Purchaser is given subject to these conditions as an invitation to treat and does not constitute an offer to sell. The Vendor will not accept any obligation in respect of any quotation dated over thirty (30) days unless otherwise indicated in writing.
4. Prices
- 4.1 Subject to anything to the contrary contained in any quotation issued by the Vendor, prices for the Goods or Services are as referred to in the Vendor's price list current at the time of delivery and unless otherwise stated, are exclusive of value added tax and any other similar tax.
- 4.2 The Purchaser shall have no right of set-off whether statutory or otherwise.
- 4.3 Unless otherwise expressly stated in writing by the Vendor, prices are exclusive of carriage, handling, packaging and any insurance charges.
- 4.4 Unless otherwise expressly stated in writing by the Vendor, all prices payable must be settled in the currency of the English Realm but if the Vendor agrees to accept foreign currency and does not specify an exchange rate the exchange rate will be that of the Bank of England at the close of business on the day preceding the day on which the Vendor accepts the Purchaser's order.
5. Payment and Default by Purchaser
- 5.1 Subject to sub-clauses 5.2 and 5.3, the Purchaser shall pay the Vendor in full for the Goods or Services (as the case may be) within thirty (30) days of the date of the invoice.
- 5.2 In the event that the Purchaser fails to make payment by the due date or otherwise commits a breach of these conditions or if an Insolvency Event occurs, the Vendor may in its absolute discretion and without prejudice to any other rights which it may have:-
- 5.2.1 suspend all future deliveries or supplies to the Purchaser under the contract in question or under any other contracts and/or terminate all or any part of such contract(s) without liability upon its part.
- 5.2.2 require payment in advance for any future deliveries.
- 5.2.3 (in the case of non-payment on or before the due date or on demand as mentioned in sub-clause 5.3 below) charge interest on the amount due on a day to day basis at the rate of 2% per month compounded annually from the time of delivery or date of invoice whichever is the earlier until the date of actual payment, whether before or after judgement.
- 5.3 Without prejudice to any other rights the Vendor may have by virtue of paragraph 5.2 the Vendor may demand immediate payment of all sums whether or not due in the event that the Purchaser is the subject of an Insolvency Event.
6. Delivery and Collection
- 6.1 Subject to the provision of clauses 4.3 and 7; the Vendor may arrange delivery to the Purchaser's premises at the Purchaser's request. In all other circumstances collection or delivery of Goods or goods upon which Services have been rendered will be made at the Vendor's premises at which the Goods are made or Services rendered.
- 6.2 When delivery or collection takes place at the Purchaser's premises it will be the Purchaser's responsibility to ensure delivery or collection can take place at the time and place specified or otherwise agreed. The Purchaser shall indemnify the Vendor against any loss or expense incurred as a result of a breach of these obligations. Without prejudice to the foregoing, if the Vendor or its agents or employees agree to assist in the loading or unloading (as the case may be) then the Vendor will not be liable for any loss or damage howsoever arising through any act, omission or negligence of any of its agents or employees.
- 6.3 Although given in good faith delivery times for the supply of the Goods or the Services specified by the Vendor in its quotation or otherwise are intended as estimates only and are not therefore to be treated as being of the essence of the contract or binding on the Vendor. The Vendor will not be liable to the Purchaser for any loss or damage (direct or indirect) occasioned by its failure (whether as a result of its negligence or otherwise) to deliver the Goods or the Services by the date or within the time stated and in no case shall delay be a ground for rejecting the same.
- 6.4 The right to deliver the Goods or Services in parts is expressly reserved by the Vendor and these conditions shall apply to any such part or parts mutatis mutandis.
- 6.5 In the case of the alleged shortage in or damage to or defect in the Goods or goods upon which Services have been rendered:-
- 6.5.1 the Purchaser agrees to notify the Vendor in writing of any claim in respect thereof within seven days of its receipt by the Purchaser in the case of shortage or damage or in the case of a defect within twenty eight days of the defect becoming apparent together with written evidence in support of such claim in relation to the date of receipt; and
- 6.5.2 the Purchaser agrees to allow the Vendor a reasonable opportunity to inspect any such goods before any use is made of them or alteration is made thereto and to keep them in good order and store them so as to prevent any damage arising.
- 6.5.3 the Purchaser shall have no claim against the Vendor for shortage, damage or defects unless the requirements as to notification set out in this sub-clause 6.5.1, 2 and 3 are strictly complied with by the Purchaser.
- 6.6 In the event that the Purchaser is responsible for collecting the Goods or any goods upon which Services have been rendered and such collection does not occur within seven days of the Purchaser having been informed that such goods are ready for collection, the Vendor may charge the Purchaser for storage of any such goods until collection occurs in addition to the price for the Goods or Services.
7. Risk
- 7.1 The liability for Goods or goods upon which Services have been rendered shall pass to the Purchaser at the time they are collected at the Vendor's works prior to loading or where the Vendor arranges delivery liability shall pass when the carrier collects the Goods or goods upon which Services have been rendered at the Vendor's premises prior to loading.
- 7.2 Without prejudice to the provisions of clause 7.1, in the event of any loss or damage to the Goods or goods upon which services have been rendered whilst in the possession of the carrier, the Vendor shall take all reasonable steps, at the Purchaser's expense, to assist the Purchaser pursue any available claim against the carrier.
8. Cancellation
- 8.1 The Vendor shall be under no obligation whatsoever to accept any cancellation of an order once accepted. However, if the Vendor at its complete discretion agrees to accept any such cancellation or return, it may levy such charges as it, in its absolute discretion, sees fit.
9. Title
- 9.1 The provisions of this clause shall apply until such time as the price of the Goods and/or Services has been paid in full or until payment has been made of all other sums owing to the Vendor at the date of this contract on any account whatsoever or howsoever arising whichever occurrence shall be the later.
- 9.2 The property in the Goods shall remain in the Vendor and the Purchaser shall hold the Goods as fiduciary agent and bailee for the Vendor.
- 9.3 The Purchaser shall store the Goods separately from any other goods in such a manner that they can be identified as the property of the Vendor and shall ensure that the Goods are not incorporated in or mixed in or used as part of other goods.
- 9.4 Subject to sub-clauses 9.3, 9.5 and 9.6, the Purchaser shall be at liberty to sell or use the Goods in the ordinary course of its business and the Vendor grants the Purchaser a license for this purpose.
- 9.5 The purchaser shall account to the Vendor for the proceeds of any sale of the Goods and until such account is made, the Purchaser will hold the proceeds of sale on trust for the Vendor. The Purchaser shall ensure any monies received for the Goods are not mixed with other monies or paid into any overdrawn bank account.
- 9.6 The power of sale given to the Purchaser by sub-clause 9.4 above will automatically terminate if the Purchaser is the subject of an Insolvency Event. An Insolvency Event shall be deemed to be a fundamental breach of contract. Further, the Vendor may terminate the said power of sale at any time by written notice if the Purchaser is in default of payment of any sum due to the Vendor.
- 9.7 At any time after termination pursuant to 9.6 above the Vendor may repossess the Goods and the Purchaser hereby grants to the Vendor an irrevocable license to enter upon any premises of the Purchaser for the purpose of so doing.
- 9.8 The Vendor shall be entitled to appropriate any payment made by the Purchase in settlement of such invoices or accounts as the Vendor in its absolute discretion thinks fit notwithstanding any purported appropriate to the contrary by the Purchaser.
- 9.9 Each of the foregoing sub-clauses shall, so far as the context permits, be read and construed independently of the other sub-clauses so that if one or more of them shall be held to be invalid this shall not affect the validity of the remaining sub-clause.
10. Guarantee
- 10.1 Subject to the limitations contained in clause 10.3 and 11 below, the Vendor agrees that, any defects which under proper use appear in the Goods within a period of 12 months of the Goods having been first used or within 15 months of delivery whichever shall be the sooner and are due to faulty materials or workmanship, shall be made good by the Vendor either by repair or at the Vendor's option by replacement provided that the Purchaser complies with its obligations under clause 6.5 above.
- 10.2 Subject to the limitations which appear in clause 10.3 and 11 below, the Vendor agrees that, any defects which under proper use appear in goods upon which Services have been rendered within a period of 12 months of delivery and are due to faulty workmanship, shall be made good by the Vendor by the provision of further Services on the goods originally supplied by the Purchaser provided the Purchaser complies with its obligations under clause 6.5 herein.
- 10.3 The Purchaser should note that the Goods contain disposable or replaceable parts including filter elements which will need replacing from time to time according to use. The life of any such parts and in particular any filter elements will depend on a large number of variable conditions and no guarantee can be given for their life.
11. Exclusion of Liability
- 11.1 Except in the case of death or personal injury the Vendor's total liability to the Purchaser whether for negligence, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the cost of the defective, damaged or undelivered Goods or Services determined by the Vendor's net invoice price to the Purchaser.
- 11.2 Save as mentioned in Clause 10 and sub-clauses 11.1 and 11.3 hereof or prescribed by statute, the Vendor shall be under no liability to the Purchaser whatsoever for any defect in, failure of, or unsuitability for any purpose of the Goods or the Services or any part thereof whether the same be due to the act or omission, negligence or default of the Vendor or its servants or agents, and all conditions, warranties and other terms whether expressed or implied, statutory or otherwise, inconsistent with the provisions of this condition are hereby expressly excluded provided that nothing herein contained shall be construed as excluding or restricting the liability of the Vendor for death or personal injury resulting from the negligence of the Vendor.
- 11.3 Where the Purchaser deals as a consumer within the meaning of that expression as defined in Section 12 of the Unfair Contract Terms Act 1977 none of the statutory rights of the Purchaser are excluded by these terms and conditions and the statutory rights of the Purchaser in the case of a consumer shall remain in full force and effect and are in no way affected by any of the provisions of these terms and conditions.
- 11.4 In no circumstances, shall the Vendor be liable for any economic loss or damage suffered by the Purchaser howsoever caused and whether foreseeable or contemplable which, for the avoidance of doubt, shall be taken as including any loss of profits, business revenue, goodwill, anticipated saving, overhead and labour costs.
- 11.5 The Vendor's prices are determined on the basis of the limits of liability set out in this clause. In the event that the Purchaser requires the Vendor to accept a higher limit of liability, the Purchaser shall give written notice of this whereupon the Vendor will accept such liability providing insurance can be obtained against that higher level of liability and providing the cost of such insurance is borne by the Purchaser.
- 11.6 Each of the foregoing sub-clauses shall, so far as the context permits, be read and construed independently of the other sub-clauses so that if one or more of them shall be held to be invalid this shall not affect the validity of the remaining sub-clauses.
12. Instructions
- 12.1 Any Goods disposed of by the Vendor are complete with instructions for installation and use. The Purchaser agrees that the Goods will be installed and used in accordance with those instructions by suitably trained personnel. The Vendor will assist the Purchaser or any ultimate user with further information relating to installation or use upon request.
13. Vendor's Indemnity
- 13.1 Where the Purchaser shall supply goods or materials to the Vendor in connection with the supply of Services and any defect or hazard appears in the goods or materials supplied then the Purchaser shall indemnify and keep indemnified the Vendor from and against any and all loss, damage or liability suffered and legal fees and costs incurred by the Vendor as a result of the defect unless the Purchaser can prove that the defect did not arise from any cause within his control.
14. Patent Infringement
- 14.1 The Purchaser warrants that any instructions, plans or designs furnished or given by it shall not be such as will cause the Vendor to infringe any letters patent, copyright, registered design, right of confidence or trade mark in execution of the Purchaser's order and agrees to indemnify the Vendor against all claims, costs or other expenses incurred by the Vendor in respect thereof.
15. General Lien
- 15.1 The Vendor shall have a general lien over all goods or materials of the Purchaser in its possession for all monies due to the Vendor or liabilities incurred by the Vendor upon whatever account and shall also be entitled to apply any monies of the Purchaser held by it under one contract to the discharge of monies due to it under any other contract. The Vendor shall be entitled to charge rent and other expenses incurred during all periods in which a lien on goods or materials is being asserted. Further, if the Vendor exercises its right of lien over any goods or materials then if monies due are not paid within one month after it has first retained such goods or if the Purchaser is the subject of an Insolvency Event, the Vendor shall have power, without giving notice, to sell the whole or part of such goods or materials to cover the monies due and expenses of sale.
- 15.2 For the avoidance of doubt, it is hereby declared that nothing in this clause shall effect the rights given to the Vendor by Sections 38-48 of the Sale of Goods Act 1979.
16. Catalogues, Advertisements and Drawings
- 16.1 Whilst the Vendor believes that all specifications, illustrations, performance data and other information contained in any drawings, catalogues, advertisements of other documents supplied by the Vendor are as accurate as reasonably possible, they do not constitute a description of the Goods and shall not be taken to be representations made by the Vendor and are not warranted to be accurate.
- 16.2 The Purchaser shall not copy or otherwise reproduce any drawing, advertisements, catalogues or other documents supplied by the Vendor without the Vendor's prior written consent.
17. Intellectual Property
- 17.1 All intellectual property rights in the Goods or any drawings, specifications, designs prepared by the Vendor shall at all times remain vested in the Vendor as the Vendor's absolute property and the Purchaser shall not reproduce or use all or any of them without the Vendor's prior written consent.
18. Alterations and Modifications
- 18.1 The Vendor may carry out from time to time and without notice to the Purchaser, alterations or improvements in construction or design, specification, materials or manner of manufacture of the Goods.
19. Force Majeure
- 19.1 Without prejudice to the generality of any of the foregoing conditions, the Vendor shall not be liable for any loss or damage caused by the non-performance or delay in the performance of any of its obligations here-under if the same is occasioned by any cause whatsoever which is beyond the Vendor's control, including but not limited to Acts of God, war, civil disturbance, requisitioning, import or export regulations, strike, lock-out or trade dispute, difficulties in obtaining materials, breakdown of machinery, fire or accident. Should any such event occur the Vendor may cancel or suspend this contract without incurring any liability for any loss or damage thereby occasioned.
20. Frustration
- 20.1 If any contract to which these conditions apply is frustrated and/or the Goods in respect thereof cannot be delivered for any cause whatsoever, it is expressly agreed that:
- 20.1.1 if any sum has been paid on account to the Vendor by the Purchaser and is repayable by operation of law the Vendor shall be entitled to deduct there from all expenses incurred in connection with the said contract; and
- 20.2 if no sum has been paid on account the Purchaser shall be bound to pay the Vendor all expenses so incurred in connection with the said contract.
21. Notices
- 21.1 Any notice required to be served pursuant to these conditions shall be served as follows:-
- 21.1.1 notices to the Vendor: to its offices, Spire Road, Glover East, Washington, Tyne & Wear, NE37 3ES or such other address as it may from time to time notify to the Purchaser;
- 21.1.2 notices to the Purchaser: to such address as the Purchaser may notify to the Vendor or, in default of notification, to such address as appears on any order by the Purchaser, or if the Purchaser is a company, at the Vendor's option to the Purchaser's registered office.
22. Governing Law
- 22.1 The construction, validity and performance of the contract shall be governed by and be interpreted in accordance with English Law. The parties hereto agree to submit themselves to the non-exclusive jurisdiction of the English Courts for the purposes of this contract.



W WALKER FILTRATION

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