

OIL-X EVOLUTION

High Efficiency Compressed Air Filtration



OIL-X EVOLUTION is a range of high efficiency compressed air filters consisting of coalescing filter grades for the removal of water and oil aerosols, solid particulates and micro-organisms and dust filter grades for the removal of dry particulate and micro-organisms.

Compressed air purification equipment must deliver uncompromising performance and reliability whilst providing the right balance of air quality with the lowest cost of operation. Many manufacturers offer products for the filtration and purification of contaminated compressed air, which are often selected only upon their initial purchase cost, with little or no regard for the air quality they provide, the cost of operation throughout their life or indeed their environmental impact. When purchasing purification equipment, delivered air quality, the overall cost of ownership and the equipment's environmental impact must always be considered.



The Parker domnick hunter Design Philosophy

Parker domnick hunter has been supplying industry with high efficiency filtration and purification products since 1963. Our philosophy 'Designed for Air Quality & Energy Efficiency' ensures products that not only provide the user with clean, high quality compressed air, but also with low lifetime costs and reduced CO₂ emissions.



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Benefits:

- Delivered Air quality in accordance with ISO 8573-1:2001, the international standard for compressed air quality
- Filtration performance independently verified by Lloyds Register
- Coalescing filters performance tested to the stringent requirements of ISO 12500-1
- Dust removal filters tested in accordance with the test methods of the ISO 8573 Series
- Suitable for all compressed air applications and all compressor types
- Pressure losses start low and stay low to save energy, money and the environment
- Low lifetime costs
- Coalescing and dust removal filters are covered by one year compressed air quality guarantee which is automatically renewed with annual maintenance
- All OIL-X EVOLUTION filter housings are covered by a 10 year housing guarantee
- Helps reduce the release of CO₂ into the environment



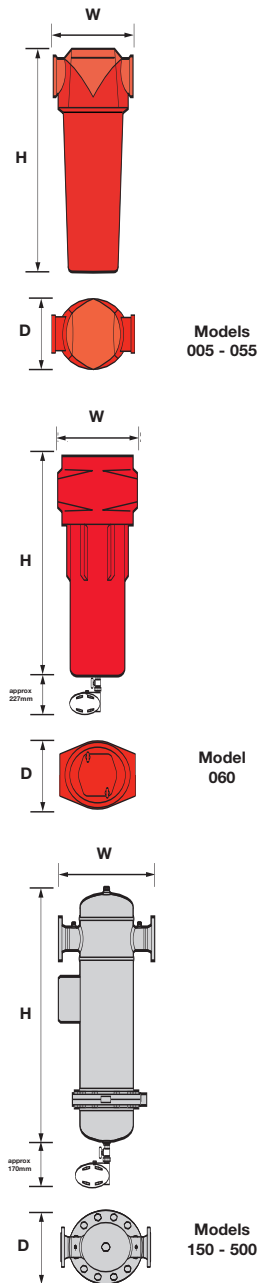
ENGINEERING YOUR SUCCESS.

Technical Data

Filter Grade	Filter Models	Min Operating Pressure		Max Operating Pressure		Min Operating Temp		Max Operating Temp	
		bar g	psi g	bar g	psi g	°C	°F	°C	°F
AO/AA	005 <input type="checkbox"/> FX - 055 <input type="checkbox"/> FX	1	15	16	232	2	35	80	176
AO/AA	005 <input type="checkbox"/> MX - 055 <input type="checkbox"/> MX	1	15	20	290	2	35	100	212
AO/AA	060 K <input type="checkbox"/> FX	1	15	16	232	2	35	66	150
AO/AA	060 K <input type="checkbox"/> MX	1	15	20	290	2	35	100	212
AO/AA	150 NDFX - 500 SDFX	1	15	16	232	2	35	66	150
AO/AA	150 NDMX - 500 SDMX	1	15	16	232	2	35	100	212
AO/AA	005 <input type="checkbox"/> FI - 055 <input type="checkbox"/> FI	1	15	16	232	2	35	80	176
AO/AA	005 <input type="checkbox"/> MI - 055 <input type="checkbox"/> MI	1	15	20	290	2	35	100	212
AO/AA	060 K <input type="checkbox"/> FI	1	15	16	232	2	35	66	150
AO/AA	060 K <input type="checkbox"/> MI	1	15	20	290	2	35	66	150
AO/AA	150 NDFI - 500 SDFI	1	15	16	232	2	35	66	150
AO/AA	150 NDMI - 500 SDMI	1	15	16	232	2	35	66	150
AR/AAR	005 <input type="checkbox"/> MX - 055 <input type="checkbox"/> MX	1	15	20	290	2	35	100	212
AR/AAR	060 K <input type="checkbox"/> MX	1	15	20	290	2	35	100	212
AR/AAR	150 NDMX - 500 SDMX	1	15	16	232	2	35	100	212
AR/AAR	005 <input type="checkbox"/> MI - 055 <input type="checkbox"/> MI	1	15	20	290	2	35	100	212
AR/AAR	060 K <input type="checkbox"/> MI	1	15	20	290	2	35	66	150
AR/AAR	150 NDMI - 500 SDMI	1	15	16	232	2	35	66	150

Weights and Dimensions

Model	Pipe Size	Height (H)		Width (W)		Depth (D)		Weight	
		mm	ins	mm	ins	mm	ins	kg	lbs
005A	1/4"	154	6.1	76	3.0	64	2.5	0.5	1.1
005B	3/8"	154	6.1	76	3.0	64	2.5	0.5	1.1
005C	1/2"	154	6.1	76	3.0	64	2.5	0.5	1.1
010A	1/4"	181	7.2	76	3.0	64	2.5	0.6	1.3
010B	3/8"	181	7.2	76	3.0	64	2.5	0.6	1.3
010C	1/2"	181	7.2	76	3.0	64	2.5	0.6	1.3
015B	3/8"	235	9.3	97	3.8	84	3.3	1.1	2.4
015C	1/2"	235	9.3	97	3.8	84	3.3	1.1	2.4
020C	1/2"	235	9.3	97	3.8	84	3.3	1.1	2.4
020D	3/4"	235	9.3	97	3.8	84	3.3	1.1	2.4
020E	1"	235	9.3	97	3.8	84	3.3	1.1	2.4
025D	3/4"	275	10.8	129	5.1	115	4.5	2.2	4.8
025E	1"	275	10.8	129	5.1	115	4.5	2.2	4.8
030E	1"	364	14.3	129	5.1	115	4.5	2.7	5.9
030F	1 1/4"	364	14.3	129	5.1	115	4.5	2.7	5.9
030G	1 1/2"	364	14.3	129	5.1	115	4.5	2.7	5.9
035F	1 1/4"	432	17.0	170	6.7	156	6.1	5.1	11.2
035G	1 1/2"	432	17.0	170	6.7	156	6.1	5.1	11.2
040G	1 1/2"	524	20.6	170	6.7	156	6.1	5.7	12.5
040H	2"	524	20.6	170	6.7	156	6.1	5.7	12.5
045H	2"	524	20.6	170	6.7	156	6.1	5.7	12.5
050I	2 1/2"	641	25.3	205	8.1	181	7.1	11.1	24.4
050J	3"	641	25.3	205	8.1	181	7.1	11.1	24.4
055I	2 1/2"	832	32.8	205	8.1	181	7.1	13.9	30.6
055J	3"	832	32.8	205	8.1	181	7.1	13.9	30.6
060K	G 4	847	33.3	420	16.5	282	11.1	44.5	98.1
150ND	DN80	1000	39.4	370	14.6	285	11.2	60	132
200ND	DN80	1220	48.0	370	14.6	285	11.2	70	154
250OD	DN100	1345	53.0	500	19.7	405	15.9	145	320
300OD	DN100	1345	53.0	500	19.7	405	15.9	145	320
350PD	DN150	1445	56.9	580	22.8	460	18.1	190	420
400QD	DN200	1710	67.3	750	29.5	640	25.1	375	827
450RD	DN250	1840	72.4	862	33.9	715	28.1	495	1090
500SD	DN300	1930	76.0	1000	39.4	840	33.1	600	1323



Filter coding example

Cast aluminium filters 005 - 060

GRADE	MODEL	PIPE SIZE	CONNECTION TYPE	DRAIN OPTION	INCIDENT MONITOR OPTION
AO, AA, AR, AAR	3 digit code denotes filter housing size	Letter denotes pipe size	B = BSPT N = NPT	F = Float M = Manual	X = None I = Incident Monitor (Not available on models 005 & 010)
AA	010	A	B	F	X

} Example code

Carbon steel filters 150 - 500

GRADE	MODEL	PIPE SIZE	CONNECTION TYPE	DRAIN OPTION	DIFFERENTIAL PRESSURE MONITOR OPTION
AO, AA, AR, AAR	3 digit code denotes filter housing size	Letter denotes Flange connection	D = DN	F = Float M = Manual	X = None I = Incident Monitor
AA	150	N	D	F	X

} Example code

Optional accessories



Incident monitor

Used to indicate premature high differential pressure. Indicator can be retrofitted to existing housings without depressurising the system.

Filter model	Accessories
015 - 055	DPM
060	DPM - 060
150 - 500	DPM - FAB



Filter fixing kits

Fixing clamp allows quick and simple connection of multiple filter housings.

Filter model	Accessories
005 - 010	FXKE1
015 - 020	FXKE2
025 - 030	FXKE3
035 - 045	FXKE4
050 - 055	FXKE5



Filter mounting brackets

Mounting brackets provide additional support to filters installed in flexible piping systems or OEM equipment.

Filter model	Accessories
005 - 010	MBKE1
015 - 020	MBKE2
025 - 030	MBKE3
035 - 045	MBKE4
050 - 055	MBKE5

Other filtration products

- Bulk liquid / water separators
- Oil vapour removal filters
- Filters with working pressures to 50 bar g
- Filters with working pressures to 350 bar g
- Alternative compressed air filter elements
- Oil / water separators
- Sterile air filtration
- Stainless steel filters
- Vacuum pump protection filters
- Vacuum pump exhaust filters
- Medical vacuum filters