

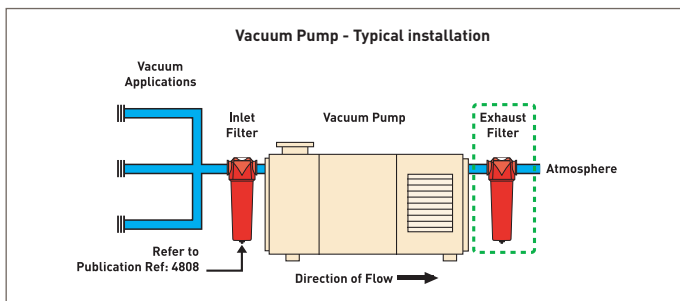
# OIL-X EVOLUTION

## High Efficiency Vacuum Pump Exhaust Filters



OIL-X EVOLUTION Vacuum Pump Exhaust filters are designed to complement the air / oil separator of the oil injected vacuum pump, ensuring the removal of oil mist from the exhaust side of the vacuum pump, preventing oil contamination of the working environment and reducing the excessive noise pollution from the exhausted air. Vacuum Pump Exhaust Filters also remove particulate from oil free and oil lubricated vacuum systems.

OIL-X EVOLUTION compressed air filters use very little energy as they have a low resistance to air flow. Pleated media construction and oleophobic coatings have led to a high performance filter element with low energy costs throughout its life.



### Benefits:

- Creates a healthier working environment.
- Eliminates oil mists.
- Reduces exhaust noise levels.
- Filtration performance independently verified by Lloyds Register.
- Low cost of ownership.
- Airflow management system and deep pleat element technology provides minimal pressure losses .
- Deep pleat element technology also provides higher dirt holding capacity when compared to traditional filter elements.
- Multiple port sizes for a given flow rate provides increased flexibility during installation.
- Corrosion protected.
- Externally epoxy coated.
- Small, compact & lightweight.
- Manual drain valve.
- Quick, easy maintenance.
- 10 year housing guarantee.
- Optional DP monitor.
- Optional mounting bracket kits.

## Technical Data

Stated flows are for operation at 100 psi g (7 bar g) with reference to 68°F (20°C), 0% relative water vapor pressure.

Model	Pipe Size	Free Air capacity at Atmospheric				Replacement Element Kit	Max Operating Vacuum		Max Recommended Operating Temp.		Min Recommended Operating Temp.	
		cfm	L/min	m³/hr	L/s		Torr	Ins Hg (abs)				
AR010A □ MX	1/4"	2	60	3.6	1	010AR	1	0.04	212°F	100°C	35°F	1.5°C
AR010B □ MX	3/8"	2	60	3.6	1	010AR	1	0.04	212°F	100°C	35°F	1.5°C
AR010C □ MX	1/2"	2	60	3.6	1	010AR	1	0.04	212°F	100°C	35°F	1.5°C
AR015B □ MX	3/8"	6	160	9.6	3	015AR	1	0.04	212°F	100°C	35°F	1.5°C
AR015C □ MX	1/2"	6	160	9.6	3	015AR	1	0.04	212°F	100°C	35°F	1.5°C
AR020C □ MX	1/2"	9	250	15	4	020AR	1	0.04	212°F	100°C	35°F	1.5°C
AR020D □ MX	3/4"	9	250	15	4	020AR	1	0.04	212°F	100°C	35°F	1.5°C
AR020E □ MX	1"	9	250	15	4	020AR	1	0.04	212°F	100°C	35°F	1.5°C
AR025D □ MX	3/4"	16	450	27	8	025AR	1	0.04	212°F	100°C	35°F	1.5°C
AR025E □ MX	1"	16	450	27	8	025AR	1	0.04	212°F	100°C	35°F	1.5°C
AR030E □ MX	1"	32	900	54	15	030AR	1	0.04	212°F	100°C	35°F	1.5°C
AR030F □ MX	1 1/4"	32	900	54	15	030AR	1	0.04	212°F	100°C	35°F	1.5°C
AR030G □ MX	1 1/2"	32	900	54	15	030AR	1	0.04	212°F	100°C	35°F	1.5°C
AR035F □ MX	1 1/4"	53	1500	90	25	035AR	1	0.04	212°F	100°C	35°F	1.5°C
AR035G □ MX	1 1/2"	53	1500	90	25	035AR	1	0.04	212°F	100°C	35°F	1.5°C
AR040G □ MX	1 1/2"	71	2000	120	33	040AR	1	0.04	212°F	100°C	35°F	1.5°C
AR040H □ MX	2"	71	2000	120	33	045AR	1	0.04	212°F	100°C	35°F	1.5°C
AR045H □ MX	2"	88	2500	150	42	045AR	1	0.04	212°F	100°C	35°F	1.5°C
AR050I □ MX	2 1/2"	124	3500	210	58	050AR	1	0.04	212°F	100°C	35°F	1.5°C
AR050J □ MX	3"	124	3500	210	58	050AR	1	0.04	212°F	100°C	35°F	1.5°C
AR055I □ MX	2 1/2"	176	5000	300	83	055AR	1	0.04	212°F	100°C	35°F	1.5°C
AR055J □ MX	3"	176	5000	300	83	055AR	1	0.04	212°F	100°C	35°F	1.5°C

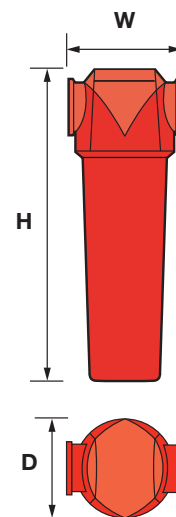
Larger sizes available on request. Filtration Efficiency: Particle removal down to 1 micron, including water and oil aerosols. Maximum remaining oil content 1 ppm (1 mg/m³) at 70°F (21°C).

## Product Coding and Selection

GRADE	MODEL	PIPE SIZE	CONNECTION TYPE	DRAIN	INCIDENT MONITOR OPTION
AR	3 digit code shown above	Letter denotes pipe size	N = NPT B = BSPT	M = Manual	X = Non I = Differential Pressure monitor
AR	010	A	N	M	X

Models 015 - 055 only.

Model	Pipe Size	Height (H)		Width (W)		Depth (D)		Weight	
		ins	mm	ins	mm	ins	mm	lbs	kg
AR010A	1/4"	7.2	181	3.0	76	2.5	64	0.88	0.4
AR010B	3/8"	7.2	181	3.0	76	2.5	64	0.88	0.4
AR010C	1/2"	7.2	181	3.0	76	2.5	64	0.88	0.4
AR015B	3/8"	9.3	235	3.8	97	3.3	84	2.2	1
AR015C	1/2"	9.3	235	3.8	97	3.3	84	2.2	1
AR020C	1/2"	9.3	235	3.8	97	3.3	84	2.2	1
AR020D	3/4"	9.3	235	3.8	97	3.3	84	2.2	1
AR020E	1"	9.3	235	3.8	97	3.3	84	2.2	1
AR025D	3/4"	10.8	275	5.1	129	4.5	115	4.84	2.2
AR025E	1"	10.8	275	5.1	129	4.5	115	4.84	2.2
AR030E	1"	14.3	364	5.1	129	4.5	115	5.72	2.6
AR030F	1 1/4"	14.3	364	5.1	129	4.5	115	5.72	2.6
AR030G	1 1/2"	14.3	364	5.1	129	4.5	115	5.72	2.6
AR035F	1 1/4"	17.0	432	6.7	170	6.1	156	9.9	4.5
AR035G	1 1/2"	17.0	432	6.7	170	6.1	156	9.9	4.5
AR040G	1 1/2"	20.6	524	6.7	170	6.1	156	11.55	5.25
AR040H	2"	20.6	524	6.7	170	6.1	156	11.55	5.25
AR045H	2"	20.6	524	6.7	170	6.1	156	11.55	5.25
AR050I	2 1/2"	25.3	641	8.1	205	7.1	181	22	10
AR050J	3"	25.3	641	8.1	205	7.1	181	22	10
AR055I	2 1/2"	32.8	832	8.1	205	7.1	181	26.4	12
AR055J	3"	32.8	832	8.1	205	7.1	181	26.4	12



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