



Compressed Air Filters

JC Series - CRN Approved



JC Series In-Line Filters

Airtek's New JC Series Filters are designed for a wide variety of industrial and oil field applications where more stringent standards apply. The perfect compliment to Airtek's expanding line of filtration products. The JC Series filter will be the standard offering for all Airtek Oil Field Construction dryers as well as applications for special gas service.

The JC Series filter housing is constructed of versatile and durable die cast aluminum heads and drawn bowls, and is an in-line threaded bowl to head design for easy use. Available in coalescing, particulate (optional high temperature particulate) and adsorbing types, the JC offers a solution to your filtration problem. All elements can be rated within the ISO 8573-1 International Standards for compressed air cleanliness and offer the same high efficiency removal rates as Airtek's JW, JT, JL, and JLA filters.

The JC Series Filter is standard with DPI indicator and manual drain, with options for color change indicators and a variety of condensate drain products.

Consult your compressed air specialist today to find out why JC Filters are right for you.



Maximum Pressure: 500 PSIG
Maximum Temperature: 175°F
Optional High Temperature: 450°F

- Durable Aluminum Construction With Powder Coated Finish
- Simple Installation And Maintenance
- Visual Assurance Of Performance (DPI Indicator - Standard)
- Low Cost Of Operation
- CRN Approved For All Canadian Provinces
- Suitable For Use With A Wide Variety Of Gases

Coalescing - Standard

Removes Aerosols and Solids Down to .001 um

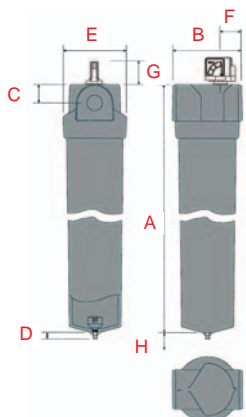
- .008 PPM
- 99.9+% DOP Rated (0.3 to 0.6 um)
- <1 PSID Clean

Particulate - Removes Solids

- 98.5% DOP
- 0.9 Micron Absolute
- <1 PSID - Clean

Line Pressure	bar g	1	2	3	4	6	7	8	11	14	17
	psig	15	30	45	60	85	100	115	150	200	250
Correction Factor		0.29	0.38	0.48	0.64	0.83	1.00	1.15	1.44	1.85	2.32

For maximum flow rate, multiply model flow rate shown by the correction factor corresponding to the working pressure.



JC Specifications														
Model No.	Pipe Size	Capacity SCFM @ 100 PSIG (Nm³/hr @ 7 bar)			Dimensions - Inches (mm)								Weight lbs. (kg.)	Replacement Elements
		Coalescer C	Particulate F	Adsorber A	A	B	C	D	E	F	G	H**		Model No.
JC0015- JC0020- JC0025-*	1/4" 3/8" 1/2"	15 (26) 20 (34) 25 (43)	25 (43) 33 (56) 42 (71)	15 (26) 20 (34) 25 (43)	7.21 (183) 7.21 (183) 7.21 (183)	3.12 (79) 3.12 (79) 3.12 (79)	.53 (13) .53 (13) .53 (13)	.79 (20) .79 (20) .79 (20)	2.98 (76) 2.98 (76) 2.98 (76)	1.56 (39.5) 1.56 (39.5) 1.56 (39.5)	2.6 (66) 2.6 (66) 2.6 (66)	2.99 (76) 2.99 (76) 2.99 (76)	1.5 (.68) 1.5 (.68) 1.5 (.68)	JE-*C0020 JE-*C0020 JE-*C0025
JC0050- JC0085- JC0110-*	1/2" 3/4" 1"	50 (85) 80 (136) 100 (170)	83 (141) 133 (226) 166 (282)	50 (85) 80 (136) 100 (170)	9.69 (246) 10.75 (273) 10.75 (273)	3.12 (79) 4.65 (118) 4.65 (118)	.53 (13) .98 (25) .98 (25)	.79 (20) .79 (20) .79 (20)	2.98 (76) 3.68 (93.5) 3.68 (93.5)	1.56 (39.5) 1.73 (44) 1.73 (44)	2.6 (66) 2.6 (66) 2.6 (66)	5.51 (140) 6.5 (165) 6.5 (165)	1.85 (.84) 3.6 (1.62) 3.6 (1.62)	JE-*C0050 JE-*C0085 JE-*C0110
JC0150-*	1"	140 (238)	232 (394)	140 (238)	10.75 (273)	4.65 (118)	.98 (25)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	10 (254)	4.1 (1.85)	JE-*C0150

*Filter type C, F, FH, A

**Clearance required to remove the filter bowl



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