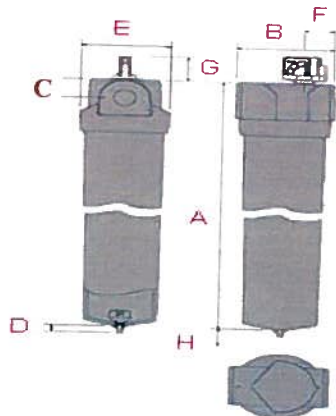


Compressed Air Filters JC Series



Airtek

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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 complement 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 comes 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

Standard Temperature: 175 F Maximum

Optional High Temperature: 450 F Maximum

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

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

Line Pressure	barg	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 (in)	Capacity SCFM @ 100 PSIG (Nm³/hr @ 7 bar)			Dimension - inches (mm)								Weight lbs. (kg.)	Replacement Elements
		Coalescer C	Particulate F or C10	Adsorber A	A	B	C	D	E	F	G	H**		
JC0015-*	1/4	15 (24)	25 (40)	15 (26)	7.21 (183)	3.12 (79)	.53 (13)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	1.5 (.68)	Model No.
JC0020-*	3/8	20 (32)	33 (53)	20 (34)	7.21 (183)	3.12 (79)	.53 (13)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	1.5 (.68)	JE-*C0025
JC0025-*	1/2	25 (40)	42 (68)	25 (43)	7.21 (183)	3.12 (79)	.53 (13)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	1.5 (.68)	JE-*C0025
JC0050-*	1/2	50 (80)	83 (133)	50 (85)	9.69 (246)	3.12 (79)	.53 (13)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	1.85 (.84)	JE-*C0050
JC0085-*	3/4	80 (129)	133 (213)	85 (136)	10.76 (273)	4.65 (118)	.98 (25)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	3.6 (1.62)	JE-*C0110
JC0110-*	1	100 (160)	166 (267)	110 (170)	10.75 (273)	4.65 (118)	.98 (25)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	3.6 (1.62)	JE-*C0110
JC0150-*	1	140 (225)	232 (373)	150 (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
JC0250-*	1 1/4	250 (401)	415 (667)	250 (401)	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.28 (58)	13.50 (343)	12.11 (5.49)	JE-*C0350 or JE-FC0600
JC0350-*	1 1/2	350 (562)	600 (947)	350 (562)	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.28 (58)	13.50 (343)	11.97 (5.43)	JE-*C0350 or JE-FC0600
JC0450-*	2	450 (723)	600 (947)	450 (723)	24.29 (617)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.28 (58)	13.50 (343)	14.00 (6.35)	JE-*C0450 or JE-FC0750
JC0625-*	2	625 (1004)	1035 (1664)	625 (1004)	29.33 (745)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.28 (58)	13.50 (343)	15.99 (7.25)	JE-*C0625 or JE-FC1035
JC0800-*	2 1/2	800 (1286)	1330 (2138)	800 (1286)	35.98 (914)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.28 (58)	28.50 (724)	35.00 (15.87)	JE-*C0800 or JE-FC1330
JC1000-*	3	1000 (1608)	1660 (2669)	1000 (1608)	35.98 (914)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.28 (58)	28.50 (724)	35.00 (15.87)	JE-*C0800 or JE-FC1330

*Filter type C, F, FH, A **Clearance required to remove the filter bowl