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WiseAir©

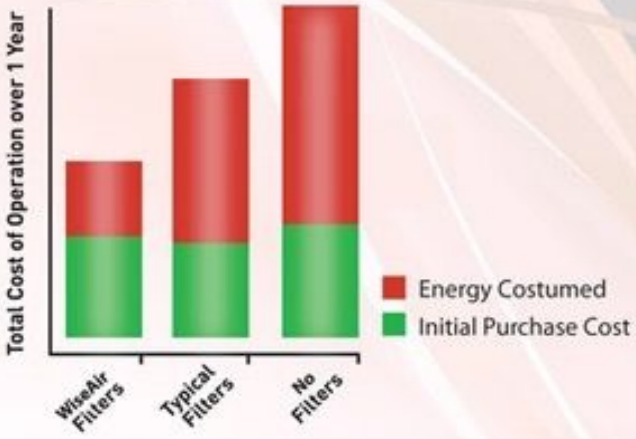
Compressed air contains huge amount of particles of dirt, water aerosols, hydrocarbons, micro-organisms, liquid oil and oil aerosols, pipe scale and rust from compressed air distribution system and many other contaminants which become an abrasive sludge and can damage pneumatic machinery and air tools, blocks valves and corrodes piping or even wind up in the end product. The right WiseAir filters including Coalescing Filters, oil removal filters, extra fine oil removal filters and vapor adsorbers will remove these contaminants including particles and droplets at a very high efficiency allowing your compressed air system to deliver the quality of air required by your application helping to ensure consistent output quality while minimizing operating costs.



Features

- Efficient operation
- Remove contaminants from compressed air and provides high quality oil free compressed air according to international standards
- Appropriate to all types of air compressors
- Protects pneumatic machinery, air tools and processes
- Minimize the cost and maximize the health and safety
- Available accessories including internal or external drain traps, differential pressure slide indicator, differential pressure gauge and sight glass, Bleed valve, Pressure relief hole
- Continuously trap and drain liquids
- Durable, anti-corrosive housing with Electrophoresis Treatment
- Withstands temperatures to 66°C
- Low resistance to flow
- Worldwide sales and support
- Aluminum alloy die-casting housing for models up to
- WF 800 (Grade)
- Carbon Steel Shell and flange connection for models
- WF1000-FL (Grade) upwards
- 10 years warranty for housings

The benefit





Options:

- Available with automatic or manual drain
- 50 bar g version
- Stainless steel housing

Specifications

Air Filter with Die-Cast Aluminum Shell

Filter Type	Port Size	Flow Rates			Dimensions		Weight
		Nm^3/min	Nm^3/hr	scfm	W (mm)	H (mm)	kg
WF-017 (GRADE)	Rc½"	1.0	60	35.3	89	234	1.1
WF-030 (GRADE)	Rc½"	2.0	120	70.6	89	267	1.5
WF-058 (GRADE)	Rc¾"	3.6	216	127.1	120	367	2.5
WF-080 (GRADE)	Rc1"	4.8	288	169.4	120	467	3.2
WF-145 (GRADE)	Rc1½"	7.2	432	254.2	120	467	3.2
WF-220 (GRADE)	Rc2"	12.0	720	423.7	164	676	6.6
WF-330 (GRADE)	Rc2"	19.0	1140	670.9	162	1005	10.9
WF-405 (GRADE)	Rc2½"	24.3	1458	858	200	757	12.9
WF-430 (GRADE)	Rc3"	25.8	1548	911	200	757	12.9
WF-620 (GRADE)	Rc3"	37.2	2232	1313.6	200	1034	17.5

Air Filter with Carbon Steel Shell and Flange Connection

Filter Type	Port Size	Flow Rates			Dimensions in mm					Weight
		Nm^3/min	Nm^3/hr	scfm	A	B	C	D	E	kg
WF-1000FL (GRADE)	DN100	60	3600	2118.7	493	263	1109	340	650	115
WF-1300FL (GRADE)	DN125	80	4800	2824.9	617	290	1179	340	650	150
WF-1950FL (GRADE)	DN150	120	7200	4237.4	617	290	1202	340	650	195
WF-2500FL (GRADE)	DN200	160	9600	5650	666	356	1382	340	650	240
WF-3250FL (GRADE)	DN200	200	12000	7062.4	736	368	1438	340	650	425
WF-4650FL (GRADE)	DN250	280	16800	9887.36	796	420	1575	340	650	450
WF-5200FL (GRADE)	DN250	312	18720	11017.3	850	433	1525	340	650	515
WF-7800FL (GRADE)	DN300	468	28080	16526	906	476	1646	340	650	960

Line Pressure		Correction Factor
bar g	psi g	
1	15	0.38
2	29	0.53
3	44	0.65
4	59	0.76
5	73	0.85
6	87	0.93
7	100	1.00
8	116	1.07
9	131	1.13
10	145	1.19
11	160	1.23
12	174	1.31
13	189	1.36
14	203	1.41
15	218	1.46
16	232	1.51

- Stated flows are at 7 bar g (100psi)
- Max Operating temprature is +66 °C
- Min Operating temprature is +5 °C
- Max working pressure is 16 bar g.

(For flows at other pressure apply the correction factor.)

