



POST TREATMENT EQUIPMENT FOR AIR COMPRESSOR

WE TAKE CARE OF YOUR COMPRESSED AIR

PROFESSIONAL AIR COMPRESSOR MANUFACTURER



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VDF Series Precision Air Filter For Compressed Air



Working principle of pipe line filter

The shell is generally made of aluminum alloy, carbon steel, and stainless steel materials, and the interior is made of using a tubular filter element as a filtering element, according to different filtering media and designs choose different filtering elements for the process to meet the requirements of compressed air quality. Utilizing physical blocking techniques (using direct interception, inertial capture, and Brownian transport) A device that uses the principle of dynamic air filtration to separate other components in a medium. Filter aerosol impurities such as solid particles, water droplets, and oil mist in the air to the main equipment for obtaining air purification.

Professional design for compressed air purification

- Effectively collect and filter aerosol impurities such as oil mist, dust, solid particles, water droplets, and oil mist in the air using air filtration principles such as direct interception, inertial capture, and Brownian motion
- The shell is made of aviation grade aluminum alloy and high-quality carbon steel material
- The aluminum alloy shell has undergone anodizing treatment and epoxy resin dry powder anti-corrosion and rust prevention treatment
- High quality carbon steel shell undergoes epoxy resin dry powder anti-corrosion and rust prevention treatment
- Humanized indication of replacement time for pressure difference indicator
- The water level window is convenient for monitoring the liquid level and reminding preventive maintenance situations
- Automatic sewage discharge device effectively discharges pollutants
- Manual pressure relief valve with extra protection

VDF Serise Pipe Line Air Filter

Type	Air Capacity			Connection	Dimension (mm)		
	m ³ /min	L/s	cfm		High (H)	Wide(W)	Weight(KG)
VDF010	1.5	25.0	53.0	Rc3/4"	245	100	1.29
VDF020	2.0	33.3	70.6	Rc3/4"	301	100	1.58
VDF030	3.0	50.0	105.9	Rc1"	320	130	2.93
VDF040	4.0	66.7	141.3	Rc1-1/2"	395	130	2.93
VDF070	7.0	116.7	247.2	Rc1-1/2"	550	130	3.46
VDF100	11.0	183.3	388.5	Rc2"	550	160	6.53
VDF140	14.0	233.3	494.4	Rc2-1/2"	590	160	6.6
VDF180	18.0	300.0	635.7	Rc2-1/2"	590	215	8.6
VDF220	22.0	366.7	776.9	Rc3"	590	215	8.75
VDF280	28.0	466.7	998.8	Rc3"	590	215	35
VDF330	33.0	550	1165.4	DN80	1050	513	40
VDF380	38.0	633.3	1342.0	DN100	1120	513	45
VDF460	46.0	766.7	1624.5	DN100	1270	513	60
VDF550	55.0	916.7	1942.3	DN125	1100	565	65
VDF670	67.0	1116.7	2366.1	DN125	1225	565	75
VDF750	75.0	1250.0	2648.6	DN125	1200	657	85
VDF850	85.0	1416.7	3001.7	DN150	1350	657	96
VDF950	95.0	1583.3	3554.9	DN150	1290	657	145

Remarks :

1. Filter element accuracy based on ISO8573
2. The processing capacity under different pressure states should be corrected according to the correction coefficient, and it should be noted when ordering

