

In factories,
Compressed air must be

FREE OF WATER

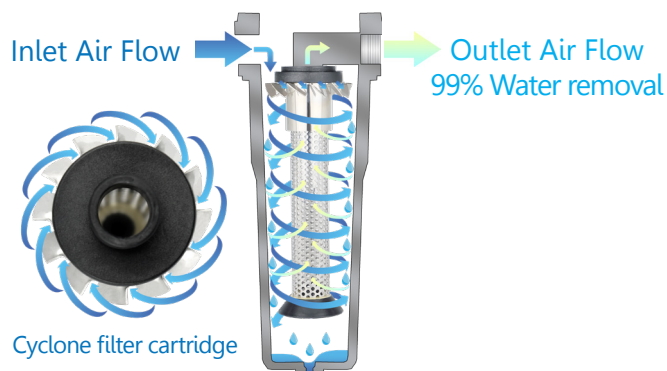
Bulk water can be found in all compressed air systems. This can be very costly, resulting in corrosion, damage to tools and machinery downtime.

The best solution to remove the condensation generated during the compression process.

Water Separator Filter (Cyclone filter) | MWS series

Features of our product

- ✓ Eliminating 99% of bulk water
- ✓ Continuously LOW differential pressure
- ✓ Cost-saving
- ✓ No maintenance, Element is unnecessary
- ✓ Stainless steel cyclone blade (screw type)
- ✓ Patient product proved by practice
- ✓ High grade aluminum-silicon (screw type) and carbon-steel cartridge (flange type)
- ✓ Water and corrosion resistance surface covered with epoxy resin (Inside&Outside)



Do surface treatment OK No surface treatment NG

Furthermore, we adopted an advance technology of surface treatment used in the production process of our filter housing, both internal and external components, which can assure extended usage period.



(Screw type)

Technical Specifications

Working conditions:

- Maximum operating temperature 120°C (248°F)
- Minimum operating temperature 2°C (36°F)
- Maximum operating pressure 16 barg (228 psig)
- Pressure differences 35 mbar (<0.5 psi)

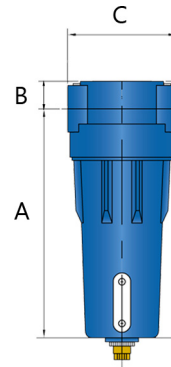
Standard drainage systems:



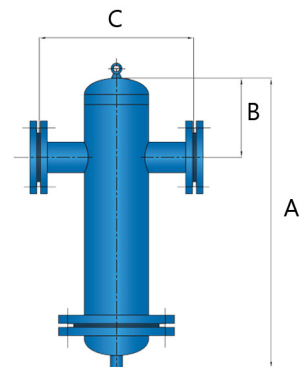
- Automatic drain (AD-20H) is fitted on models MWS0020 (G 1/2") - MWS0110 (G 1-1/2").



- Electronic timer condensate drain with valve strainer (SCE02) is fitted on models MWS0140 (G2") and larger.



(MWS0020 - MWS0260)



(MWS0700F - MWS7200F)

Model	Connection	Flow-Rate			Dimensions (mm)			Weight	STD. Drainage
	Ø	Nl/min	Nm³/hr	SCFM	A	B	C	(Kgs)	(model)
MWS 0020	G 1/2"	1,700	102	60	217	26	104	1.2	Automatic drain (AD-20H)
MWS 0040	G 1"	3,500	210	124	287	26	104	1.5	
MWS 0070	G 1-1/2"	7,100	426	251	385	39	138	3.0	
MWS 0110	G 1-1/2"	10,600	636	374	585	39	138	3.6	
MWS 0140	G 2"	13,800	828	487	639	46	148	9.5	Electronic timer drain (SCE02)
MWS 0180	G 2"	17,500	1,050	618	779	46	148	11.8	
MWS 0220	G 2-1/2"	22,100	1,326	780	800	50	150	12.0	
MWS 0260	G 2-1/2"	26,000	1,560	918	1,000	50	150	13.6	

MWS 0700F	FLG. 2.5"	42,000	2,520	1,483	713	195	380	30.0	Electronic timer drain (SCE02)
MWS 0800F	FLG. 3"	50,000	3,000	1,766	713	195	380	31.0	
MWS 1000F	FLG. 4"	60,000	3,600	2,119	913	230	449	92.0	
MWS 1300F	FLG. 5"	80,000	4,800	2,825	1,141	263	493	145.0	
MWS 1800F	FLG. 6"	120,000	7,200	4,238	1,210	301	545	160.0	
MWS 3000F	FLG. 8"	180,000	10,800	6,357	1,423	361	750	348.0	
MWS 4800F	FLG. 10"	288,000	17,280	10,171	1,250	410	740	510.0	
MWS 7200F	FLG. 12"	432,000	25,920	15,256	1,269	485	1,000	662.0	

Presssure (psi)	43	71	100	128	156	185	213	228
Pressure (bar)	3	5	7	9	11	13	15	16
Correction factor	0.65	0.85	1.00	1.13	1.25	1.36	1.46	1.51