



Water Separators

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

MWS High Efficient Water Separator is developed by CAD Computer Patent, its "decelerate" cohesion, accelerate "flow" breaches the features of the traditional MWS Water Separator, it is the only MWS High Efficient Water Separator which can keep higher than 99% efficiency of water separator.

Applications include

Electronics
Instrumentation
Laboratories
Manufacturing
Automotive and Robots
Oil & Gas
Paint Applications
Pneumatic Conveying

PRODUCT FEATURES

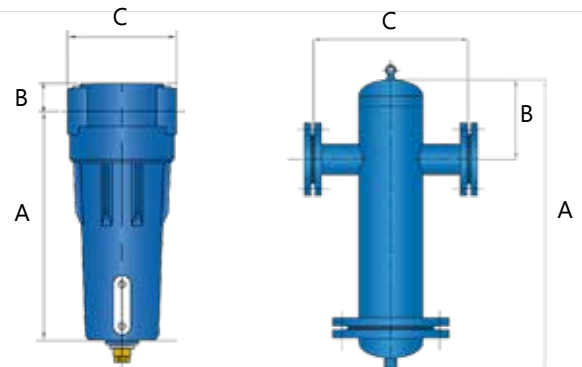
- 99% efficiency
- Cost-saving
- Easy maintenance, element is unnecessary
- Patent product proved by practice
- High flow capacity
- Low pressure differences
- Equipped with the automatic drainage



Technical Specification

Working conditions:

- Maximum working pressure: 10 bar (flange type); 16 bar (screw type)
- Maximum working temperature: 120°C
- Minimum working temperature: 1.5°C
- Pressure differences: 35 mbar (<0.5psi)



Filter Model	Connections	Flow - Rate			Dimension (mm)			Weight
	Ø	Nl/min	Nm ³ /h	SCFM	A	B	C	(+Kg)
MWS 0020	G ½"	1,700	102	60	217	26	104	1.2
MWS 0040	G 1"	3,500	210	124	287	26	104	1.5
MWS 0070	G 1½"	7,100	426	251	385	39	138	3.0
MWS 0110	G 1½"	10,600	636	374	585	39	138	3.6
MWS 0140	G 2"	13,800	828	487	639	46	148	9.5
MWS 0180	G 2"	17,500	1,050	618	779	46	148	11.8
MWS 0220	G 2½"	22,100	1,326	780	800	50	150	12.0
MWS 0260	G 2½"	26,000	1,560	918	1,000	50	150	13.6
MWS 0700F	DN65	42,000	2,520	1,483	713	195	380	30.0
MWS 0800F	DN80	50,000	3,000	1,766	713	195	380	31.0
MWS 1000F	DN100	60,000	3,600	2,119	913	230	449	92.0
MWS 1300F	DN125	80,000	4,800	2,825	1,141	263	493	145.0
MWS 1800F	DN150	120,000	7,200	4,238	1,210	301	545	160.0
MWS 3000F	DN200	180,000	10,800	6,357	1,423	361	750	348.0
MWS 4800F	DN250	288,000	17,280	10,171	1,250	410	740	510.0
MWS 7200F	DN300	432,000	25,920	15,256	1,269	485	1,000	662.0

Pressure (bar)	1	3	5	7	9	11	13	15	16	20
Correction Factor	0.38	0.65	0.85	1.00	1.13	1.25	1.36	1.46	1.51	1.62

Technical notes

- 1) External auto drain (AD402) are fitted to model MWS0020 - MWS0110 as standard.
- 2) Timer drain (SCE02) are fitted to model MWS0140- MWS7200F as standard.