



ZAN-TECH®
REVOLUTION
COMPRESSED AIR AND
GAS MICRO FILTERS



REVOLUTION

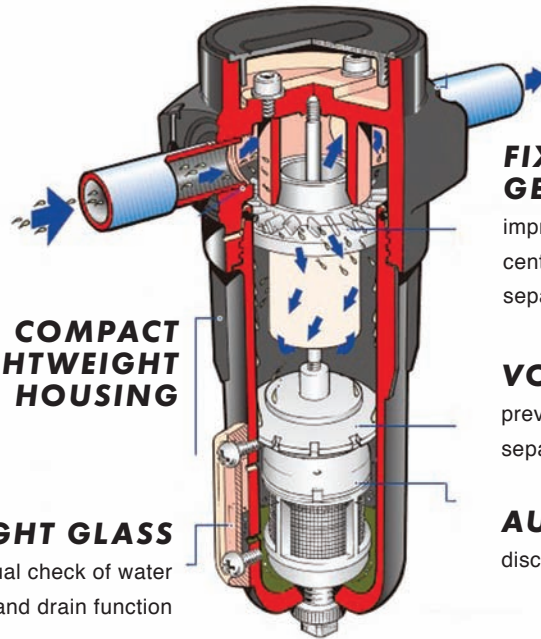
WATER SEPARATORS

Product Feature

- ▶ 99% efficiency
- ▶ Proven patented design
- ▶ Equipped with automatic drain
- ▶ Cost-effective
- ▶ Easy maintenance, NO ELEMENT
- ▶ High flow capacity
- ▶ Low differential pressure

Technical Standard

- ▶ Maximum working pressure: 16 bar
- ▶ Minimum working temperature: 1.5°C
- ▶ Maximum working temperature: 66°C
- ▶ Pressure differential: 0.007MPa



COMPACT LIGHTWEIGHT HOUSING

SIGHT GLASS
visual check of water collection and drain function

FIXED VORTEX GENERATOR

improved water removal by centrifugal and impingement separation

VORTEX ARRESTOR

prevents re-entrainment of separated water

AUTOMATIC DRAIN

discharges separated water

Specification Parameters

Model	Nominal Volume Flow (m ³ /min)	Inlet Tube Diameter (mm)	Dimensions in mm				Weight (Kg)
			A	B	C	D	
WS15G	2.4	½	89	42	158	60	1.0
WS25G	3.6	¾	89	42	194	60	1.1
WS50G	4.5	1	85	23	197	60	1.1
WS100G	9.0	1 ½	120	58	251	80	2.7
WS250G	21.0	2	160	67	511	100	5.9
WS700G	42.0	2 ½	202	77	605	100	12.9
WS800G	48.0	3	202	77	605	100	12.9

Pressure Conversion Factor

Operating Pressure bar e	1	2	3	4	5	6	7	8	9	10	11	12	13	14
F =	0.25	0.38	0.50	0.63	0.75	0.88	1.00	1.13	1.25	1.38	1.50	1.63	1.75	1.88



WS PLUS
the most advanced water separator



Fixed vortex blades designed for maximum water separation