



GWS Series (15 scfm - 1300 scfm)

Water Separators

Water Separators



Mikropor water separators have been designed for the removal of bulk liquid water and particulate from compressed air and gases. Unique centrifugal action removes contaminants at low-pressure drop for maximum energy savings. Mikropor water separators are available from 1/4" - 3" pipe sizes and for flows up to 1300 scfm

Note: While highly efficient, condensate separators will not remove 100% of the oil from the air stream additional coalescing and particulate filters downstream maybe required to remove the fine traces of oil, water and particles..

Note: Automatic drain valves are fitted as standard. All separator bodies are coated with electrostatic powder paint finish both inside and out.



Technical Specifications

Model	Connection Size (NPT)	Flow Rate (scfm)	Housing Dimensions (inch)			
			A	B	C	D
GWS-US-15	1/4"	15	4	10.1	9.3	6.3
GWS-US-60	1/2"	60	4	10.1	9.3	8.2
GWS-US-120	3/4"	120	4.8	12	10.9	11.2
GWS-US-175	1"	175	4.8	12	10.9	15
GWS-US-350	1 1/2"	350	4.8	12.6	11.2	18.5
GWS-US-700	2"	700	6.3	19	17.4	22
GWS-US-1300	3"	1300	7.6	21.5	19.3	24

Maximum Recommended Operating Temperature	176°F
Minimum Recommended Operating Temperature	35°F
Typical Pressure Loss at Rated Flow	0.7 psi
Maximum Working Pressure	230 psi

Correction Factor

Operating Pressure (barg)	1	3	5	7	9	11	13	15	16
PSIG	15	44	73	100	131	160	189	218	247
Correction Factor	0.5	0.71	0.87	1	1.12	1.22	1.32	1.44	1.57

Correction Sample:

if an compressor delivers 200 scfm at 189 psi
 please choose your Separator model as follow:
 200 scfm / 1.32 / = 150 scfm your model is GWS-US-175

