



G WS Series Downstream Equipments

DALGAKIRAN
COMPRESSED AIR TECHNOLOGIES

G WS SERIES 25 WS / 100 WS / 200 WS / 300 WS
/ 600 WS / 1200 WS / 2200 WS

Dalgakiran G WS Series water separators have been designed for the removal of bulk liquid water and particulate from compressed air and gases. Unique centrifugal action removes contaminants with low-pressure drop for energy savings.



Water Separators

Dalgakiran G WS Series water separators are available in 1/4" - 3" NPT pipe sizes for flows up to 1294 scfm (2200 m³ / h). While highly efficient, condensate separators will not remove 100 % of the oil from the air stream. Additional coalescing and particulate filters downstream are normally required to remove the final traces of oil, water and particles, which migrate through the separator.





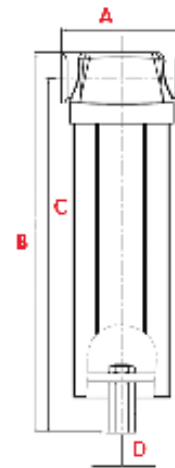
TECHNICAL DATA

MODEL	CONNECTION SIZE	FLOW RATE		HOUSING DIMENSIONS (mm)			
		(m ³ /h)	(scfm)	A	B	C	D
G 25 WS	1/4"	25	14	102	257	235	155
G 100 WS	1/2"	100	58	102	257	235	200
G 200 WS	3/4"	200	117	123	280	253	270
G 300 WS	1"	300	176	123	280	245,5	370
G 600 WS	1 1/2"	600	353	123	295	259,5	460
G 1200 WS	2"	1200	706	160	481	440	565
G 2200 WS	3"	2200	1294	194	547	490,5	585

Recommended Operating Temperature	80 °C
Recommended Minimum Operating Temperature	1,5 °C
Typical Pressure Loss at Rated Flow	50 mbar
Maximum Working Pressure	16 barg

Notes:

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



Correction Factor

For maximum flow rate, multiply model flow rate show in the above table by the correction factor corresponding to the working pressure.

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

