

Downstream Equipments

HG WS Series

HG25WS / HG100WS / HG200WS / HG300WS
HG600WS / HG1200WS / HG2200WS

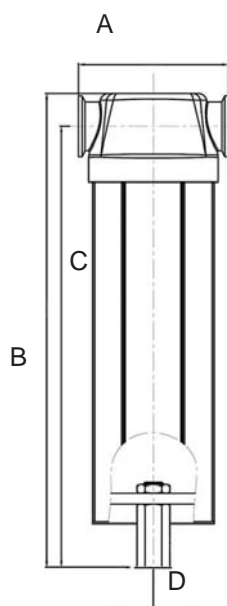
hertz[®]
KOMPRESSOREN



Water Separators

Hertz 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. Hertz water separators are available in 1/4" - 3" NPT pipe sizes for flows up to 1294 scfm (2200m³/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.

Operating Recommended Operating Temperature	80 °C
Minimum Recommended 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.



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SPECIFICATIONS



Model	Connection Size	Flow Rate		Housing Dimensions (mm)			
		(m ³ /h)	(scfm)	A	B	C	D
HG25WS	1/4"	25	14	102	257	235	155
HG100WS	1/2"	100	58	102	257	235	200
HG200WS	3/4"	200	117	123	280	253	270
HG300WS	1"	300	176	123	280	245,5	370
HG600WS	1 1/2"	600	353	123	295	259,5	460
HG1200WS	2"	1200	706	160	481	440	565
HG2200WS	3"	2200	1294	194	547	490,5	585

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

