Water Separators

HG US WS Series

HG US 15 WS / 60 WS / 120 WS / 175 WS / 350 WS / 700 WS / 1300 WS

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 1300 cfm (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.

SPECIFICATIONS

Model	Capacity		Connection Size	Max. Working Pressure	Max. Working Temp.	Housing Dimensions (in.)			
	m^3/min	cfm		psi	°F	A	B	C	D
HG US 15 WS	0.42	15	1/4" NPT	232	176	4	10.1	9.3	6.3
HG US 60 WS	1.70	60	1/2" NPT	232	176	4	10.1	9.3	8.2
HG US 120 WS	3.40	120	3/4" NPT	232	176	4.8	12	10.9	11.2
HG US 175 WS	4.96	175	1" NPT	232	176	4.8	12	10.9	15
HG US 350 WS	9.91	350	1 1/2" NPT	232	176	4.8	12.6	11.2	18.5
HG US 700 WS	19.8	700	2" NPT	232	176	6.3	19	17.4	22
HG US 1300 WS	36.8	1300	3" NPT	232	176	7.6	21.5	19.3	24

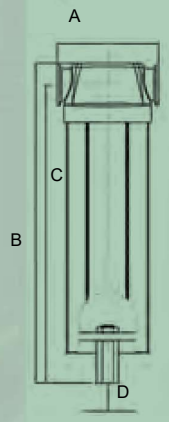
* HERTZ KOMPRESSOREN reserves its rights to change the specifications without any prior notice.

Correction Factor

Operating Pressure (psi)	15	44	73	100	124	145	174	200	232
Correction Factor	0.5	0.71	0.87	1	1.1	1.18	1.28	1.39	1.57

Correction Sample:
If a compressor delivers 150 cfm at 100 psi please choose your Filter model as follow:
150 cfm / 1 = 150 cfm your model is HG US 175 WS.

Maximum Recommended Operating Temperature	176 °F
Minimum Recommended Operating Temperature	35 °F
Typical Pressure Loss at Rated Flow	0.7 psi
Maximum Working Pressure	232 psi



Notes:

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