

KAPTIV-CS-HP

Electronic zero air loss drain up for high pressure applications

PRODUCT FEATURES

The KAPTIV-CS-HP (up to 50 bar) removes all types of condensate from compressed air systems up to 100 m³/min. without the loss of compressed air.

The KAPTIV-CS-HP is a compact electronic zero air loss condensate drain for applications up to 50 bar.

The KAPTIV-CS-HP is effective and offers a rapid pay-back period due to a competitive pricing level, low stocking cost, zero air-loss and energy saving aspects.

The KAPTIV-CS-HP can be installed in all compressed air system components up to 100 m³/min. regardless size and climate zone – only 1 model needed!

The robust industrial housing, the alarm feature and the 2/2 way direct acting valve assembly make the KAPTIV-CS-HP a reliable solution for all compressed air system applications.

The KAPTIV-CS-HP offers an integrated mesh strainer (to prevent large particles from entering the valve orifice), is easy to disassemble and is service friendly.



COMMERCIAL BENEFITS

- Competitive compact zero air loss draining solution
- Zero air loss technology saves air, energy and money
- Rapid pay-back period due to competitive pricing level and reduced stocking costs
- 1 model covers up to 100 m³/min. compressor capacity
- No sizing charts required
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Alarm function (N/O or N/C) standard incorporated
- Successful draining of condensate due to large orifice (also heavily emulsified condensate)
- Easy installation and visual display of operating status
- Integrated mesh strainer
- Direct acting valve assembly, ensuring reliable discharge operation
- Robust corrosion resistant aluminium housing

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DIMENSIONS



Three stage compressor applications can be fitted with the all-in-one solution, covering the various pressure ranges - mounted on one bracket

TECHNICAL SPECIFICATIONS

Maximum compressor capacity	100 m ³ /min.
Max. drainage capacity	120 litres condensate per hour at 50 bar
Pressure range	0 - 50 bar
Valve type	2/2 way, direct acting
Valve orifice	1.8 mm
Valve seals	FPM
Inlet connections	1/2" BSP or NPT, 3 inlet options
Inlet height	11 cm (top) and 7.5 & 1.5 cm (side)
Outlet connection	1/4" BSP
Medium temperature	1 - 50 °C
Ambient temperature	1 - 50 °C
Supply voltage options	230VAC / 115VAC / 24VAC / 24VDC
Power and alarm connectors	DIN 43650-B
Serviceable valve	Yes
TEST feature	Yes
Environmental protection	IP65 (NEMA4)
Integrated mesh strainer	Yes
Housing material	Corrosion resistant aluminium
Alarm feature type	Contact output switch (voltage free) available in two versions: A1 and A2*



Multiple inlet options



Integrated mesh strainer protects the valve against large contaminants

*A1 = Normally open contacts, closed when in alarm phase. LED on the drain is OFF when in operation and ON when in alarm mode.
 A2 = Normally closed contacts, open when in alarm phase. LED on the drain is ON when in operation and OFF when in alarm mode.

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