

KAPTIV-CS

Electronic zero air loss drain with alarm function

PRODUCT FEATURES

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

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

The compact industrial robust housing, 2/2 way direct acting valve with a large orifice, alarm feature (potential free relay) and the integrated mesh strainer make the KAPTIV-CS a highly reliable draining solution.

Equipped with a digital, LED illuminated, sight-port/level indicator showing you the condensate level inside the reservoir and enabling you to monitor the KAPTIV-CS's operation, even in poor lit places.



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
- One model covers compressor capacities up to 100 m³/min.
- No sizing charts required, offering stocking advantages
- Consult factory for D-LUX models (a variant that offers extensive programming options)
- Consult JORC for private labelling options

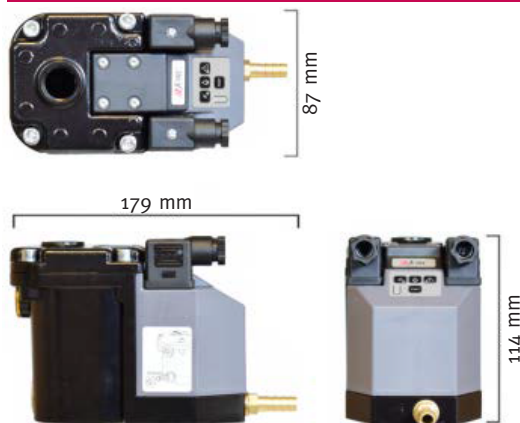
TECHNICAL ADVANTAGES

- Alarm feature (potential free relay) standard incorporated
- Visual alarm (LED) indication
- Digital, LED illuminated sight-port/level indicator
- Zero air loss during condensate discharge
- Successful draining of all types of condensate due to large orifice
- Easy installation and visual display of operating status
- Integrated mesh strainer
- Direct acting valve assembly, ensuring reliable discharge operation
- Robust corrosion resistant aluminium housing
- Easy and quick to service
- Optional heater for cold weather applications available

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DIMENSIONS



Digital sight port/
level indicator



Multiple inlets offer
installation flexibility

TECHNICAL SPECIFICATIONS

Max. compressor capacity	100 m ³ /min. (3500 CFM)
Max. drainage capacity	665 litres condensate per hour at 16 bar
Min./Max. system pressure	0 - 16 bar
Min./Max. medium temperature	1 - 50 °C
Min./Max. ambient temperature	1 - 50 °C
Supply voltage options	24 VDC, 24 VAC, 115 VAC and 230 VAC 50/60 Hz.
Environmental protection	IP65 (NEMA4)
Connector type (power and alarm)	DIN 43650-B
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 with brass hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	4 mm
Valve seals	FPM
Serviceable valve	Yes
Integrated mesh strainer	Yes
Housing material	Corrosion resistant aluminium, EP coated
Test feature	Yes
Visual alarm	Yes, LED indication
Alarm feature type A3 (N/O)*	Normally open alarm output contact (potential free relay)
Alarm feature type A4 (N/C)**	Normally closed alarm output contact (potential free relay)



Integrated mesh filter
protects the valve against
large contaminants



Optional heater for cold
weather applications available

*A3 = Normally open contacts, closed when in alarm phase. LED on the drain is OFF when in operation and ON when in alarm mode.
**A4 = Normally closed contacts, open when in alarm phase. LED on the drain is OFF when in operation and ON when in alarm mode.

JORC is NEN - EN - ISO 9001:2015 certified

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