

# 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 m<sup>3</sup>/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 m<sup>3</sup>/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

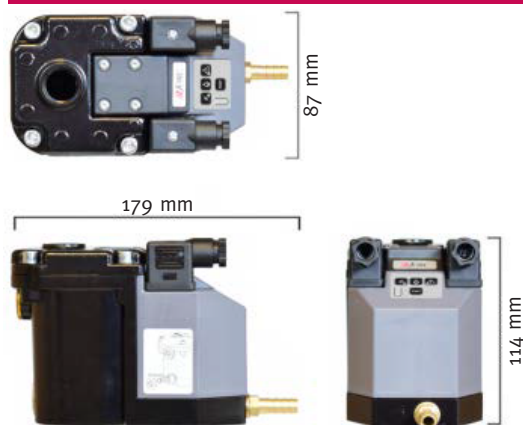
## TECHNICAL ADVANTAGES

- 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

# KAPTIV-CS

Electronic zero air loss drain with alarm function

## DIMENSIONS



Digital sight port/  
level indicator



Multiple inlets offer  
installation flexibility

## TECHNICAL SPECIFICATIONS

Max. compressor capacity	100 m <sup>3</sup> /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.

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# KAPTIV-MD

## Electronic zero air loss condensate drain

### PRODUCT FEATURES

The KAPTIV-MD is an electronic zero air loss drain suitable for smaller compressed air applications.

With an inlet connection height of 7.4 cm and a weight of 0.5 kg, the KAPTIV-MD offers an incredibly compact solution with unrivalled installation versatility and reliability.

The maximum compressor capacity of this drain is 10 m<sup>3</sup>/min. (350 CFM) and typical draining applications include fridge dryers and filters - mainly due to its incredible compact size.



To further simplify the installation in restrictive height conditions, a side inlet adapter is available.

### COMMERCIAL BENEFITS

- Extremely compact and lightweight
- True zero air loss solution
- One model covers all compressor capacities up to 10 m<sup>3</sup>/min. (350 CFM)
- No sizing chart required, offering stocking advantages
- The serviceable valve offers maintenance opportunities
- Consult JORC for private labelling options

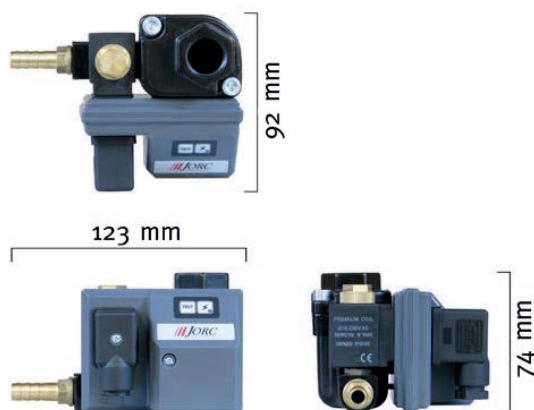
### TECHNICAL ADVANTAGES

- Visual alarm (LED indication)
- Zero air loss during condensate discharge
- Easy to install due to its low inlet height
- External valve allows for fast and easy maintenance
- Direct acting valve with FPM seal
- Robust corrosion resistant aluminium housing
- A large integrated mesh strainer
- Optional side inlet adapter available

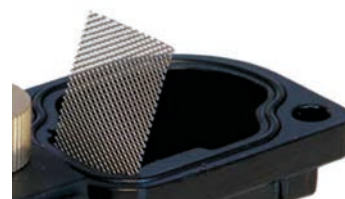
# KAPTIV-MD

Electronic zero air loss condensate drain

## DIMENSIONS



Incredibly compact



Large integrated mesh filter

## TECHNICAL SPECIFICATIONS

Max. compressor capacity	10 m <sup>3</sup> /min. (350 CFM)
Max. drainage capacity	45 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	230 VAC / 115 VAC / 24 VAC / 24 VDC
Environmental protection	IP65 (NEMA4)
Connector type (power)	DIN 43650-B
Inlet connection	1/2" BSP or NPT
Inlet height	7.4 cm
Side inlet adapter	Yes, optional
Outlet connection	1/4", with hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	2 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



Side inlet adapter optionally available



JORC's direct acting valve assembly, offering you reliability

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