

Chapter 4

KAPTIV[®]-CS

Electronic zero air loss drain with alarm function

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.

PRODUCT FEATURES

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

The compact and industrial robust housing design, the 2/2 way direct acting valve with a large orifice, the alarm N/C or N/O and the integrated mesh strainer make the KAPTIV-CS a highly reliable draining solution.

The standard model offers a pressure range of 0 up to 16 bar. For higher pressure see the chapter KAPTIV-CS-HP.



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 factory for D-LUX models (a variant that offers extensive programming options)
- Consult JORC for private labelling options

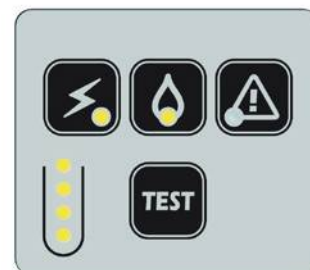
TECHNICAL ADVANTAGES

- Alarm function (N/O or N/C) standard incorporated
- 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

PRODUCT DIMENSIONS



Touch button display
A1/A2 versions



Optionally available; A3/A4
versions with digital sight
port/level indicator

PRODUCT SPECIFICATIONS

Max. compressor capacity	100 m ³ /min. (3500 CFM)
Max. drainage capacity A1/A2 version	110 litres condensate per hour at 16 bar
Max. drainage capacity A3/A4 version	665 litres condensate per hour at 16 bar

Min./max. system pressure	0 bar / 16 bar (up to 230 PSI)
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Min./max. medium temperature	1 - 50°C
Min./max. ambient temperature	1 - 50°C

Supply voltage options	230VAC / 115VAC / 24VAC / 24VDC
Environmental protection	IP 65 (NEMA 4)
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)



Three inlets offer
installation flexibility

Valve type	2/2 way, direct acting
Valve orifice	4mm
Valve seals	FPM
Serviceable valve	Yes
Integrated mesh strainer	Yes
Housing material	Corrosion resistant aluminium, EP coating



Integrated mesh
strainer protects
the valve against
large contaminants

TEST feature	Yes
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Alarm contact options version A1/A3	Normally Open (N/O)
Alarm contact options version A2/A4	Normally Closed (N/C)