

Chapter 3

KAPTIV[®]-MD

Electronic zero air loss drain

The KAPTIV-MD (Mini Drain) removes all types of condensate from compressed air systems up to 10 m³/min. without the loss of compressed air.

PRODUCT FEATURES

The KAPTIV-MD incorporates the reliable JORC direct acting valve assembly with FPM seals, offering a pressure range of 0 to 16 bar.

The solid and robust aluminium housing design of the KAPTIV-CS has also been incorporated in to this model.

With an inlet connection height of only 74 mm this is an incredibly compact solution with unrivalled installation versatility and reliability. The weight of the KAPTIV-MD is approx. 0.5 kgs.

The maximum compressor capacity of this drain is 10m³/min. and typical draining applications include fridge dryers and filters - mainly due to its incredible compact size.



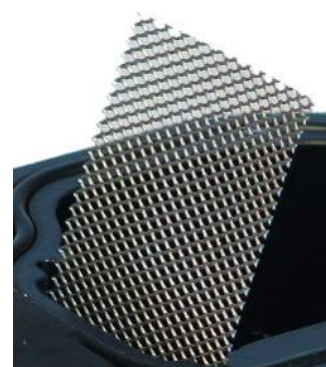
COMMERCIAL BENEFITS

- Extremely compact and lightweight unit
- True zero air-loss solution
- One model covers all compressor capacities up to 10 m³/min.
- No sizing chart required, offering stocking advantages
- The serviceable valve offers maintenance opportunities
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Zero air-loss during the condensate discharge
- Visual alarm feature
- Easy to install due to its low inlet height
- External valve construction allows for fast and easy maintenance
- Direct acting valve with FPM seal
- Robust corrosion resistant aluminium housing
- A large integrated mesh strainer

PRODUCT DIMENSIONS



Large integrated mesh filter

PRODUCT SPECIFICATIONS

Max. compressor capacity	10 m ³ /min. (350 CFM)
Max. drainage capacity	45 litres condensate per hour at 16 bar
Min./max. system pressure	0 bar / 16 bar (up to 230 PSI)
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)	DIN 43650-B
Inlet connection	1/2" (BSP or NPT)
Inlet height	7.4 cm
Outlet connection	1/4" (BSP)
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 coating
TEST feature	Yes
Alarm	Yes, LED indication
For external alarm options please see the KAPTIV-CS range.	

Quick disassembling
to service the drain –
standard tools required



JORC direct acting valve
construction offering you
condensate discharge reliability