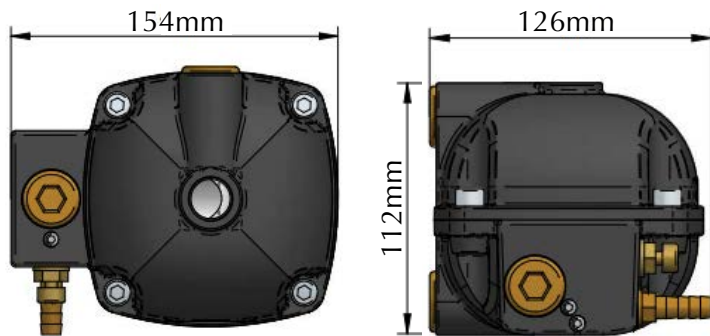




AUTOMATIC CONDENSATE DRAIN

ACD 14



PRODUCT FEATURES

- The ACD 14 removes condensate from compressed air systems without using electricity.
- The discharge process is automatic and is based on a newly developed 3/2 way level controlled valve principle that operates a piston type direct acting valve.
- The advantage of this valve principle is that the ACD 14's orifice can be 6mm, offering an increased reliability factor.
- The ACD 14 is ideally suited in applications where power is not available, too expensive or not reliable.
- In addition, the ACD 14 can be applied in applications that demand a higher IP rating (*International protection rating or ingress protection*).
- The ACD 14 offers an IP68/NEMA 6 rating.

TECHNICAL ADVANTAGES OVER COMPETITORS

- Magnetic valve switch instead of mechanical connection ensures valve does not get stuck.
- A compact and unique design.
- Large orifice ensures successful draining of condensate (also heavily emulsified condensate).
- Incredibly easy and quick to install and to service.
- No complicated external control air balance line required.
- Integrated strainer
- Top- and side inlets available.
- TEST feature
- Robust aluminium housing
- Direct acting valve construction for a reliable condensate discharge operation.

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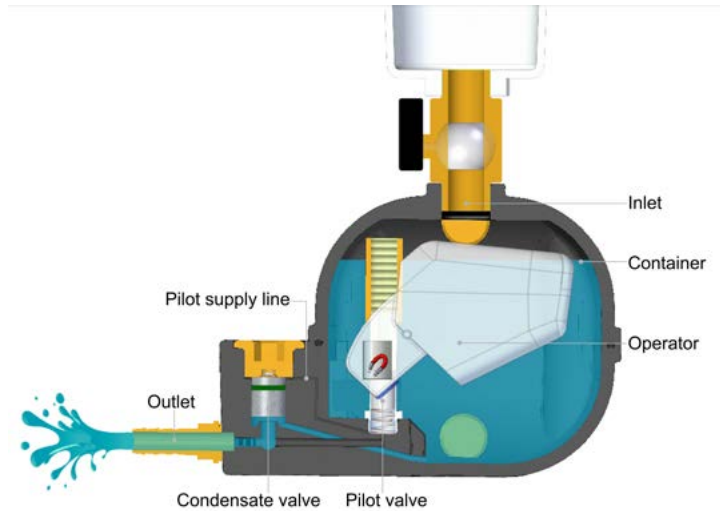
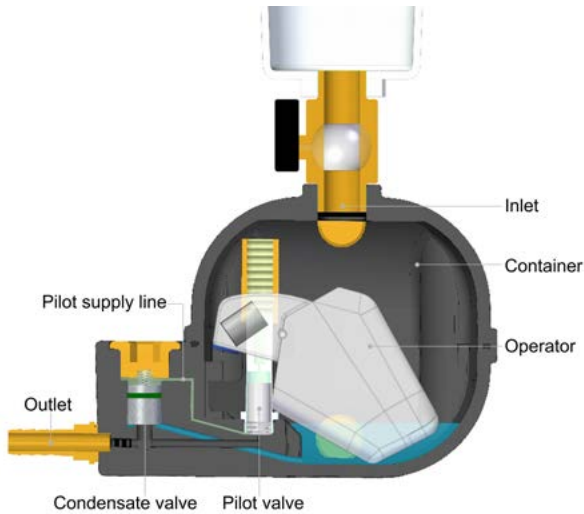
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COMMERCIAL BENEFITS

- Larger service life
- Competitive 'true green' solution
- No operating costs
- No electricity required - install and go!
- Condensate viewing sight port optionally available
- Operating pressure up to 16 bar
- Reduced stocking costs - 1 model covers 100m³/min
- Suitable for any type of compressed air system
- No complicated sizing charts required



NORMAL WORKING PROCEDURE

- Condensate is passed through inlet into container.
- Condensate will fill container causing operator to rise.
- Once operator has met maximum capacity, a magnet will open the pilot valve allowing condensate to be released through outlet.
- As condensate is released, the operator will move back to original position causing the pilot valve to shut again for cycle to repeat.

SPECIFICATIONS

Maximum compressor capacity:	100m ³ /min.
Min./max. system pressure:	3 bar / 16 bar
Valve type:	Direct acting
Valve orifice:	6.0 mm
Valve seals:	FPM
Inlet connection:	1/2" (BSP or NPT) (3 inlet options)
Outlet connection:	1/4"
Inlet height:	112mm (top, 97mm (side top) 15mm (side bottom)
Minimum medium temperature:	1°C
Maximum medium temperature:	50°C
IP Rating:	IP68/NEMA 6
Serviceable valve:	Yes
TEST feature:	Yes
Condensate sight port:	Yes
Integrated mesh strainer:	Yes
Housing material:	Corrosion resistant aluminium

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