

# NUFORS<sup>®</sup>-CR

Pneumatically operated level sensed condensate drain

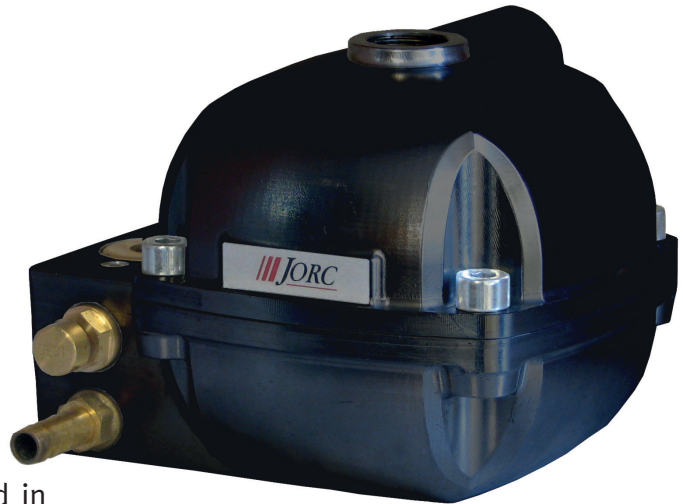
## PRODUCT FEATURES

The NUFORS-CR 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 NUFORS-CR's orifice can be 6 mm, offering an increased reliability factor.

The NUFORS-CR is ideally suited in applications where power is not available, too expensive or not reliable.

In addition, the NUFORS-CR can be applied in applications that demand a higher IP rating (International protection rating or ingress protection). **The NUFORS-CR offers an IP 68/NEMA 6 rating.**



## COMMERCIAL BENEFITS

- 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 100 m<sup>3</sup>/min.
- Suitable for any type of compressed air system.
- No complicated sizing charts required.

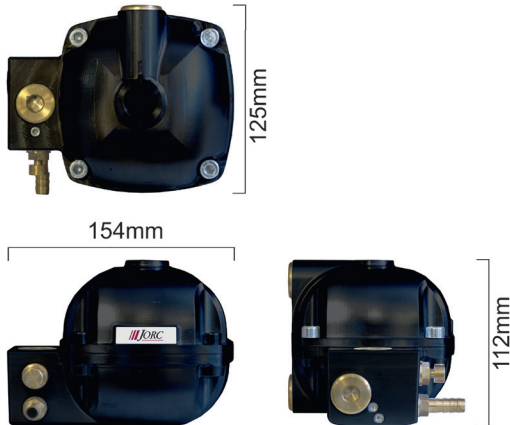
## TECHNICAL ADVANTAGES

- Compact and unique design.
- Successful draining of condensate due to large orifice (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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## DIMENSIONS (mm)



## SPECIFICATIONS

Max. compressor capacity	100 m <sup>3</sup> /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	112 mm (top), 97 mm (side top), 15 mm (side bottom)
Min. medium temperature	1° C
Max. 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



Integrated strainer to protect the valve



Three inlet options for easy installation.



TEST button feature for routine testing.



Sight port optionally available.

**JORC IS ISO 9001:2008 CERTIFIED**

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