

## Chapter 6

# NUFORS<sup>®</sup>-CR

## Level sensed condensate drain

The NUFORS-CR removes all types of condensate from compressed air systems up to 100 m<sup>3</sup>/min. without the requirement of electricity.

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

The **integrated stainless steel strainer** protects the valve, optimising the discharge performance.



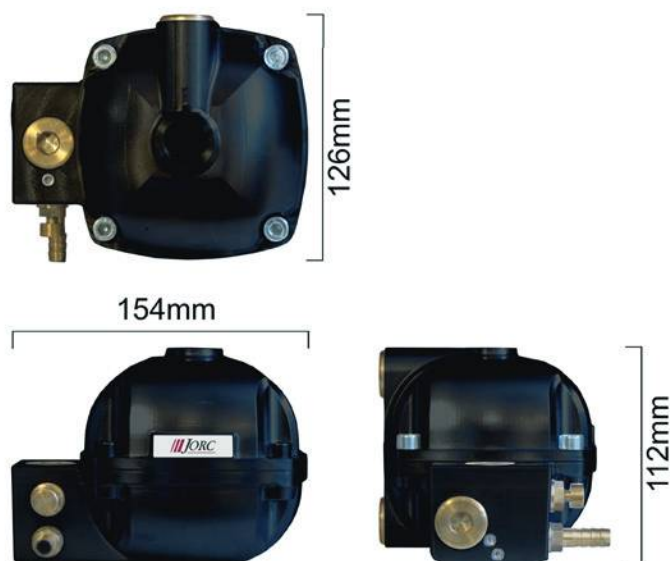
### COMMERCIAL BENEFITS

- Suitable for any type of compressed air system
- No electricity required – install and go
- No operating costs
- Competitive ‘true green’ solution
- Reduced stocking costs - 1 model covers 100 m<sup>3</sup>/min.
- No complicated sizing charts required
- Consult JORC for private labelling options

### TECHNICAL ADVANTAGES

- Compact and unique design
- Incredibly easy and quick to install and service
- No complicated external control air balance line required
- Integrated mesh strainer
- Top- and side inlets available
- TEST button feature for routine testing
- Robust corrosion resistant aluminium housing
- Direct acting valve construction for a reliable condensate discharge operation
- Successful draining of, even heavily emulsified, condensate due to large 6 mm valve orifice

## PRODUCT DIMENSIONS



## PRODUCT SPECIFICATIONS

|                               |  |
|-------------------------------|--|
| Max. compressor capacity      | 100 m <sup>3</sup> /min. (3500CFM)         |
| Max. drainage capacity        | 1.062 litres condensate per hour at 16 bar |
| Min./max. system pressure     | 3 bar / 16 bar (up to 230 PSI)             |
| Min./max. medium temperature  | 1 - 50°C                                   |
| Min./max. ambient temperature | 1 - 50°C                                   |
| Environmental Protection      | IP 68 (NEMA 6)                             |
| Inlet connection              | 1/2" (BSP or NPT) (3 inlet options)        |
| Inlet height                  | 11,2 cm (top) and 9,7 cm & 1,5 cm (side)   |
| Outlet connection             | 1/4" (BSP)                                 |
| Valve type                    | Direct acting                              |
| Valve orifice                 | 6 mm                                       |
| Valve seals                   | FPM  |
| Serviceable valve             | Yes  |
| Integrated mesh strainer      | Yes  |
| Housing material              | Corrosion resistant aluminium, EP coating  |
| TEST feature                  | Yes  |



Integrated mesh strainer protects the valve against large contaminants.



Three inlet options for easy installation.



TEST button feature for routine testing.