





| pe overview     |                          |  |
|-----------------|--------------------------|--|
| ype             |                          | DN                                     |
| ONE315S-35      |                          | 15                                     |
| echnical data   |                          |  |
| Functional data | Valve size [mm]          | 0.5" [15]                              |
|                 | Fluid                    | chilled or hot water, up to 50% glycol |
|                 | Fluid Temp Range (water) | 32212°F [0100°C]                       |
|                 | Body Pressure Rating     | 300 psi                                |
|                 | Close-off pressure Δps   | 30 psi                                 |
|                 | Flow characteristic      | on/off, diverting                      |
|                 | Flow Pattern             | 3-way                                  |
|                 | Leakage rate             | ANSI Class III 0.1%                    |
|                 | Cv                       | 3.5                                    |
| Materials       | Valve body               | forged brass                           |
|                 | Housing seal             | EPDM                                   |
|                 | Spindle                  | stainless steel                        |
|                 | Seat                     | EPDM                                   |
|                 | Pipe connection          | sweat                                  |

## **Product features**

Application

Spring

Suitable actuators

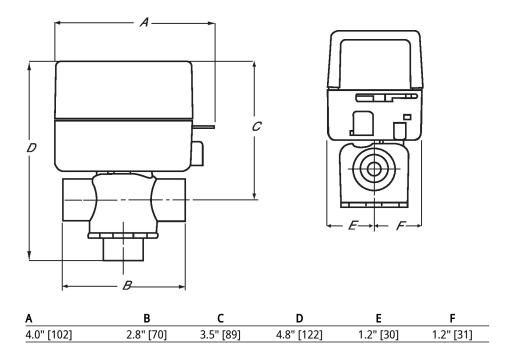
This valve is typically used on fan coil units, baseboards or other hydronic applications where fail safe operation on 2-wire control is required. This valve is suitable for use in a hydronic system with variable or constant flow.

This valve is designed to fit in compact areas where on/off or control is required using 24 VAC or 120 VAC.

ZONE

| Dimensions  |    |
|-------------|----|
| Туре        | DN |
| ZONE315S-35 | 15 |







**Technical data** 





2-year warranty



| Electrical data | Nominal voltage                     | AC 120 V   |
|-----------------|-------------------------------------|--|
|                 | Nominal voltage frequency           | 50/60 Hz   |
|                 | Power consumption in operation      | 6.5 W  |
|                 | Transformer sizing                  | 7 VA (class 2 power source)                      |
|                 | Auxiliary switch                    | 1 x SPST, 5 A resistive (5 A inductive) @ AC 120 |
|                 |                                     | V,   |
|                 | Switching capacity auxiliary switch | 5 A resistive (5 A inductive) @ AC 120 V         |
|                 | Electrical Connection               | 6" wire leads                                    |
| Functional data | Manual override                     | hand lever                                       |
|                 | Angle of rotation                   | 90°  |
|                 | Running time fail-safe              | <5 s Variable: 2.510 s                           |
|                 | Noise level, motor                  | 35 dB(A)   |
|                 | Noise level, fail-safe              | 35 dB(A)   |
|                 | Position indication                 | Mechanically (integrated)                        |
|                 |                                     |  |

Degree of protection IEC/EN

| Degree of protection NEMA/UL | NEMA 1                      |  |
|------------------------------|-----------------------------|--|
| Enclosure                    | UL Enclosure Type 1         |  |
| Agency Listing               | CE, cULus                   |  |
| Quality Standard             | ISO 9001                    |  |
| Ambient temperature          | 32104 [040°C]               |  |
| Storage temperature          | -40176°F [-4080°C]          |  |
| Ambient humidity             | Max. 95% RH, non-condensing |  |
| Servicing                    | maintenance-free            |  |
| Housing material             | galvanized steel            |  |

IP20

## **Electrical installation**



Safety data

Materials

Meets cULus requirements without the need of an electrical ground connection.

Mone built-in auxiliary switch, 1x SPST 0.4A @ 24 VAC (resistive and inductive loads).



## Wiring diagrams

