



2-year warranty

## Type overview

| Type        | DN |
|-------------|----|
| ZONE220S-50 | 20 |

## Technical data

|                    |                                 |                                        |
|--------------------|---------------------------------|----------------------------------------|
| Functional data    | Valve size [mm]                 | 0.75" [20]                             |
|                    | Fluid                           | chilled or hot water, up to 50% glycol |
|                    | Fluid Temp Range (water)        | 32...212°F [0...100°C]                 |
|                    | Body Pressure Rating            | 300 psi                                |
|                    | Close-off pressure $\Delta p_s$ | 25 psi                                 |
|                    | Flow characteristic             | on/off                                 |
|                    | Flow Pattern                    | 2-way                                  |
|                    | Leakage rate                    | ANSI Class III 0.1%                    |
|                    | Cv                              | 5                                      |
| Materials          | Valve body                      | forged brass                           |
|                    | Housing seal                    | EPDM                                   |
|                    | Stem                            | stainless steel                        |
|                    | Seat                            | EPDM                                   |
| Suitable actuators | Spring                          | ZONE                                   |

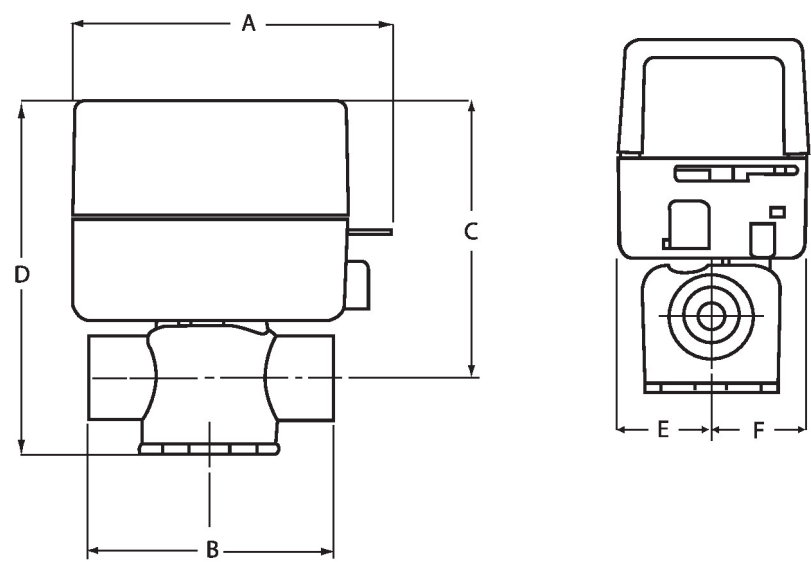
## Product features

**Application** 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.

## Dimensions

| Type        | DN | Weight            |
|-------------|----|-------------------|
| ZONE220S-50 | 20 | 0.66 lb [0.30 kg] |



| A          | B         | C         | D          | E         | F         |
|------------|-----------|-----------|------------|-----------|-----------|
| 4.0" [102] | 2.8" [70] | 3.5" [89] | 4.4" [113] | 1.2" [30] | 1.2" [31] |