

ZONE220S-50, 3/4", Electronic Zone Valve

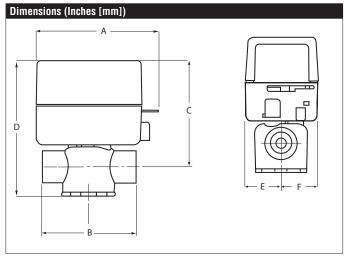


Application

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.

Suitable Actuators				
	Spring			
ZONE220S-50	ZONE			



A	В	С	D	E	F
4" [102]	2.83" [72]	3.5" [89]	4.45" [113]	1.18	" [30]

chilled or hot water, up to 50% glycol		
on/off		
0.75" [20]		
sweat		
forged brass		
EPDM		
stainless steel		
EPDM		
300		
32°F to 212°F [0°C to 100°C]		
25 psi		
5		
0.7 lb [0.3 kg]		
ANSI Class III 0.1%		



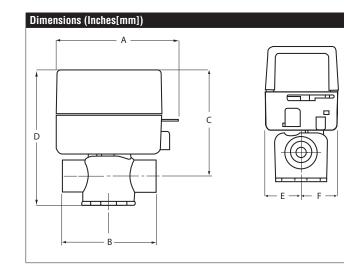
ZONE120NC







Technical Data			
Technical Data Power Supply	120 VAC ± 10%, 50/60 Hz		
Power Consumption Running	6.5 W		
1 0			
Transformer Sizing	7 VA (class 2 power source)		
Electrical Connection	6" wire leads		
Angle of Rotation	90°		
Position Indication	integrated into lever (NC only)		
Manual Override	manual lever		
Running Time (Motor)	20 to 40 sec		
Running Time (Fail-Safe)	5 sec (default), variable 2.5 to 10 sec		
Humidity	5 to 95% RH non-condensing		
Ambient Temperature Range	32°F to 104°F [0°C to 40°C]		
Storage Temperature Range	-40°F to 176°F [-40°C to 80°C]		
Housing	NEMA type 1 / IP20		
Housing Material	UL94-5VB		
Agency Listings†	CE, cULus		
Noise Level (Motor)	<35 dB (A)		
Servicing	maintenance free		
Quality Standard	ISO 9001		
Weight	0.9 lb [0.4 kg]		





ZONE120NC

Wiring Diagrams

X INSTALLATION NOTES

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

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

