ZONE220N-35, 3/4", Electronic Zone Valve









Technical Data	
Service	chilled or hot water, up to 50% glycol
Flow Characteristic	on/off
Size [mm]	0.75" [20]
End Fitting	NPT female ends
Body	forged brass
Body Seal	EPDM
Stem	stainless steel
Seat	EPDM
Body Pressure Rating [psi]	300
Media Temperature Range	32°F to 212°F [0°C to 100°C]
(Water)	
Close-Off Pressure	30 psi
Cv	3.5
Weight	1.3 lb [0.6 kg]
Leakage	ANSI Class III 0.1%

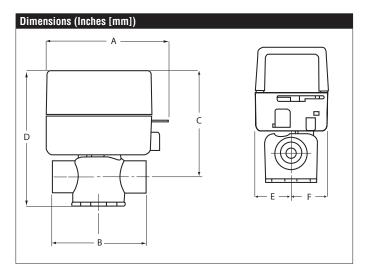
Application

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
ZONE220N-35	ZONE



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4" [100]	0 00" [70]	2 5" [00]	1 15" [110]	1 10	" [20]
4 102	2.00 [12]	0.0 [09]	4.45 10	1.10	[30]

ZONE230NC-S

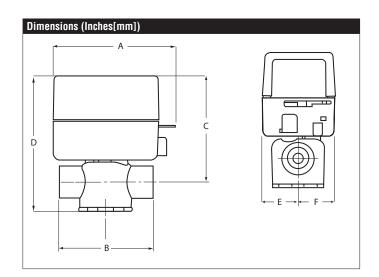








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Technical Data			
Power Supply	230 VAC ± 10%, 50/60 Hz		
Power Consumption Running	6.5 W		
Transformer Sizing	7 VA (class 2 power source)		
Electrical Connection	6" wire leads		
Angle of Rotation	90°		
Position Indication	integrated into lever (NC 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]		
Auxiliary Switch	1 x SPST, 5A resistive (5A inductive) @ 230 VAC		





ZONE230NC-S

Wiring Diagrams



> INSTALLATION NOTES



Meets cULus requirements without the need of an electrical ground



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

