





Type overview			
Type ZONE320N-35		DN 20	
Technical data			
Functional data	Valve size [mm]	0.75" [20]	
	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	NPT female ends	

Product features

Application

Spring

Suitable actuators

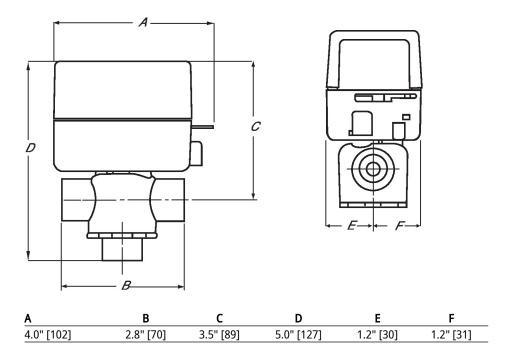
This valve is typically used on fan coil units, baseboards or other hydronic applications where fail safe operation on 2-wire control is required. This valve is suitable for use in a hydronic system with variable or constant flow.

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
ZONE320N-35	20





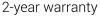


Technical data sheet











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Геchnical data				
Electrical data	Nominal voltage	AC 24 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, 0.4 A resistive (0.4 A inductive) @ AC 24 V,		
	Switching capacity auxiliary switch	0.4 A resistive (0.4 A inductive) @ AC 24 V		
	Electrical Connection	18" 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)		
Safety data	Degree of protection IEC/EN	IP20		
	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		
Materials	Housing material	galvanized steel		

Electrical installation



X INSTALLATION NOTES

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

Built-in Auxiliary Switch (optional) (only on -S models)

T-STAT
BLACK
BLACK
MOTOR

RED RED
TO AUXILIARY
CIRCUIT