





Type overview		
Type ZONE315N-10		DN 15
Technical 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	75 psi
	Flow characteristic	on/off, diverting
	Flow Pattern	3-way
	Leakage rate	ANSI Class III 0.1%
	Cv	1
Materials	Valve body	forged brass
	Housing seal	EPDM
		stainless steel
	Seat	EPDM
	Pipe connection	NPT female ends

Product features

Application

Spring

Suitable actuators

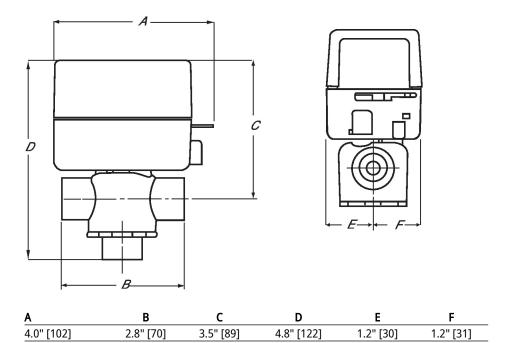
This valve is typically used on fan coil units, baseboards or other hydronic applications where fail safe operation on 2-wire control is required. This valve is suitable for use in a hydronic system with variable or constant flow.

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
ZONE315N-10	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

