





Type overview		
Туре		DN
ZONE215N-35		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	30 psi
	Flow characteristic	on/off
	Flow Pattern	2-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
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## **Product features**

Application

Spring

**Suitable actuators** 

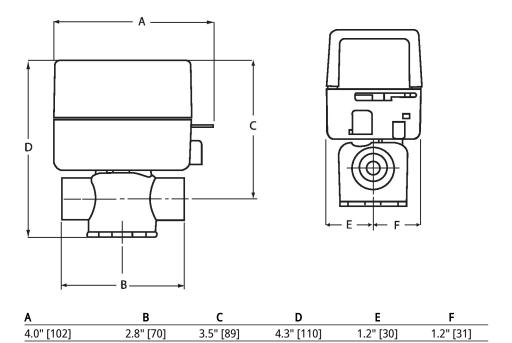
This valve is typically used on fan coil units, baseboards or other hydronic applications where fail safe operation on 2-wire control is required. This valve is suitable for use in a hydronic system with variable or constant flow.

This valve is designed to fit in compact areas where on/off or control is required using 24 VAC or 120 VAC.

ZONE

Dimensions	
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2-year warranty



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recrimical 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	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)
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**



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).

**CIRCUIT** 



## Wiring diagrams

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

T-STAT

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MOTOR

RED

TO AUXILIARY