

Technical data sheet

ZONE215S-10





Type overview

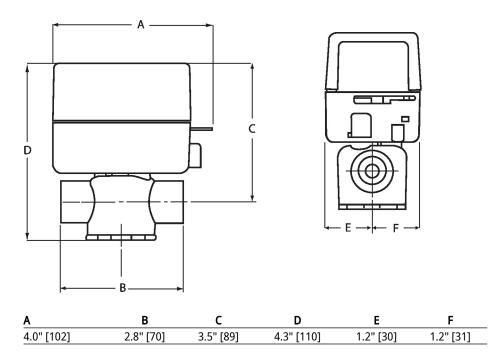
Туре	DN
ZONE215S-10	15

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 ∆ps	75 psi	
	Flow characteristic	on/off	
	Flow Pattern	2-way	
	Leakage rate	ANSI Class III 0.1%	
	Cv	1	
Materials	Valve body	forged brass	
	Housing seal	EPDM	
	Spindle	stainless steel	
	Seat	EPDM	
	Pipe connection	sweat	
Suitable actuators	Spring	ZONE	
Product features			
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.		
Dimensions			
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ZONE120NO





Technical data

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)			
	Electrical Connection	6" 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

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\swarrow Installation notes

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

Wiring diagrams

Built-in Auxiliary Switch (optional) (only on -S models)								
L1(HOT)	∩,	T-STAT	BLACK		\frown	\ \		
L2			BLACK	<u> </u> ('		ソ		
				RED		RED		
				 TO AUXILIARY CIRCUIT				