

Technical data sheet

ZONE225N-80



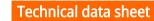


Type overview

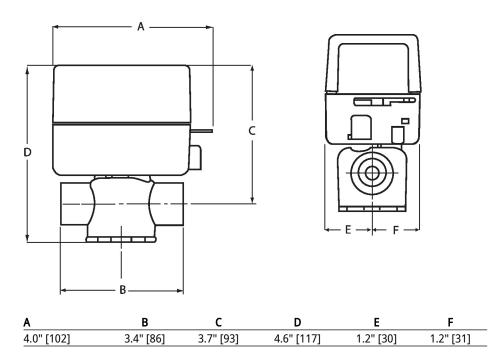
DN
25

Technical data

Functional data	Valve size [mm]	1" [25]		
	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	20 psi		
	Flow characteristic	on/off		
	Flow Pattern	2-way		
	Leakage rate	ANSI Class III 0.1%		
	Cv	8		
Materials	Valve body	forged brass		
	Housing seal	EPDM		
	Spindle	stainless steel		
	Seat	EPDM		
	Pipe connection	NPT female ends		
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				
Туре		DN		
ZONE225N-80		25		









ZONE230NO





Technical data

Electrical data	Nominal voltage	AC 230 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
	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



X INSTALLATION NOTES

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

Wiring diagrams

Built-in Auxiliary Switch (optional) (only on -S models)									
		T-STAT	BLACK						
L1(HOT)		-	BLACK	('	NOTOR				
_					\smile	·			
				RED		RED			
				I I TO AUXILIARY CIRCUIT					