

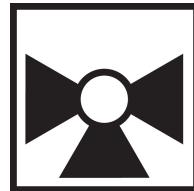
3-way Mixing/Diverting, Characterized Control Valve, Stainless Steel Ball and Stem



Picture may differ from product



5-year warranty



Type overview

Type	DN
B321	3/4" [20]

Technical data

	Functional data	Valve size [mm]	0.75" [20]
Fluid		chilled or hot water, up to 60% glycol	
Fluid Temp Range (water)		0...250°F [-18...120°C]	
Body Pressure Rating		600 psi	
Close-off pressure Δp_s		200 psi	
Flow		A-port: as stated in chart B-port: 70% of A - AB Cv	
Flow characteristic		A-port equal percentage, B-port modified for constant common port flow	
Leakage rate		0% for A - AB, <2.0% for B - AB	
Pipe connection		Internal thread NPT (female)	
Servicing		maintenance-free	
Flow Pattern		3-way Mixing/Diverting	
Controllable flow range		75°	
Cv		24	
Materials	Valve body	Nickel-plated brass body	
	Stem	stainless steel	
	Stem seal	EPDM (lubricated)	
	Seat	PTFE	
	Characterized disc	TEFZEL®	
	O-ring	EPDM (lubricated)	
	Ball	stainless steel	
Suitable actuators	Non Fail-Safe	LRB(X) LRQB(X) NRB(X) N4	
	Spring	LF	

Safety notes



- WARNING: This product can expose you to lead which is known to the State of California to cause cancer and reproductive harm. For more information go to www.p65warnings.ca.gov

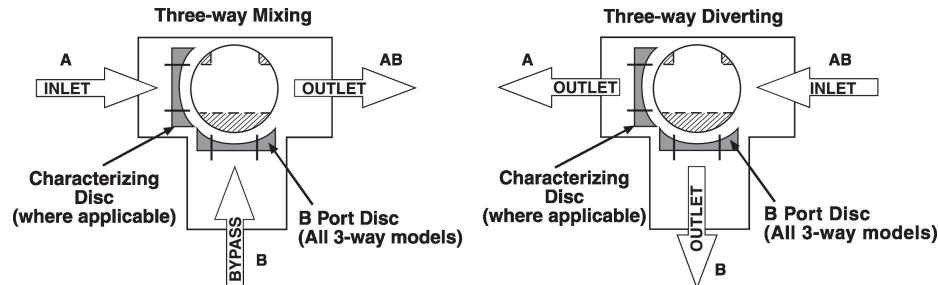
Product features

Application

This valve is typically used in air handling units on heating or cooling coils, and fan coil unit heating or cooling coils. Some other common applications include Unit Ventilators, VAV box re-heat coils and bypass loops. This valve is suitable for use in a hydronic system with variable or constant flow.

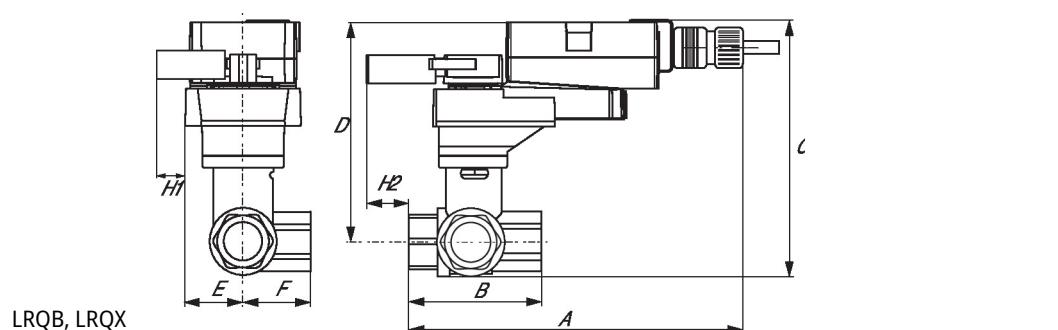
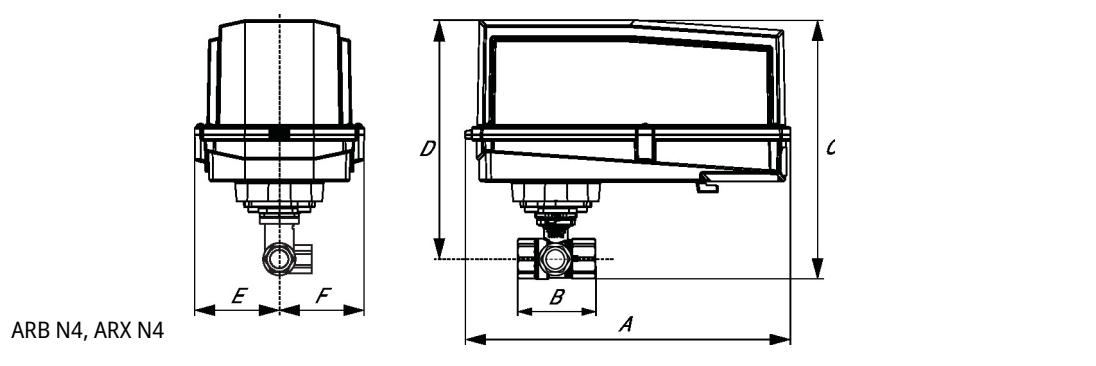
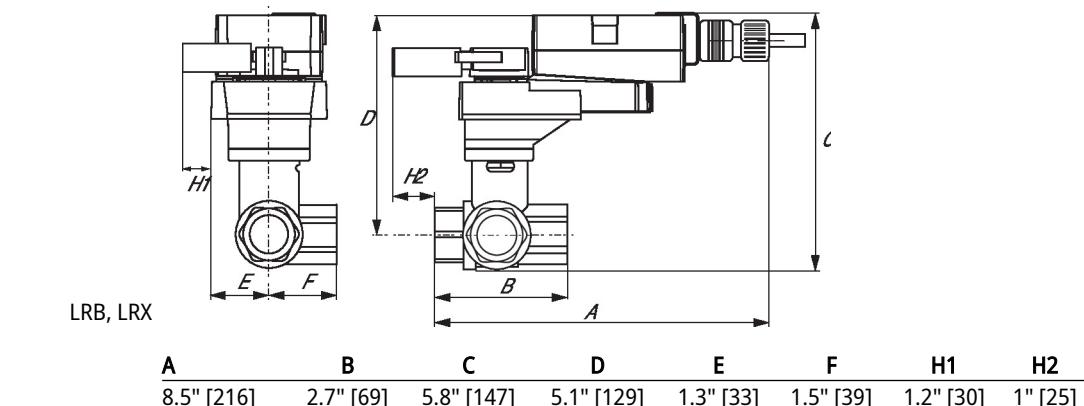
Flow/Mounting details

This valve is not suitable for use as a change over valve.



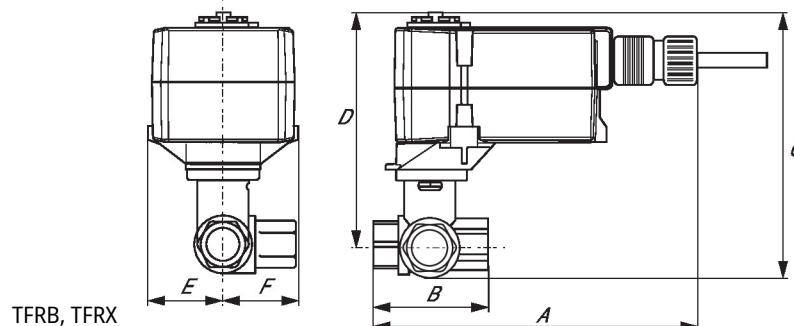
Dimensions

Type	DN	Weight
B321	3/4" [20]	0.98 lb [0.45 kg]



Dimensions

A	B	C	D	E	F	H1	H2
8.9" [226]	2.7" [69]	6.3" [159]	5.6" [142]	1.6" [40]	1.6" [40]	1.2" [30]	1.3" [33]



A	B	C	D	E	F
11.4" [289]	4.9" [125]	9.8" [249]	4.3" [110]	3.1" [80]	3.1" [80]