

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







Type overview	
Туре	DN
B321	20

Technical data

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Valve size [mm]	0.75" [20]
Fluid	chilled or hot water, up to 60% glycol
Fluid Temp Range (water)	0250°F [-18120°C]
Body Pressure Rating	600 psi
Close-off pressure Δps	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
Pipe connection type	Internal thread NPT (female)
Servicing	maintenance-free
Flow Pattern	3-way Mixing/Diverting
Leakage rate	0% for A – AB, <2.0% for B – AB
Controllable flow range	75°
Cv	24

Materials

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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		
Non-Spring	LRB(X) NRR(X) N/4		

Suitable actuators

Non-Spring	LRB(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

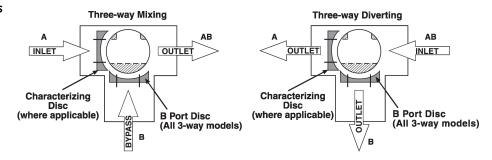


Product features

Application

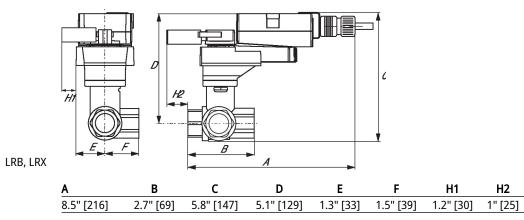
This valve is typically used in air handling units on heating or cooling coils, and fan coil unit heating or cooling coils. Some other common applications include Unit Ventilators, VAV box reheat coils and bypass loops. This valve is suitable for use in a hydronic system with variable or constant flow.

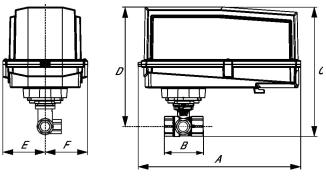
Flow/Mounting details



Dimensions

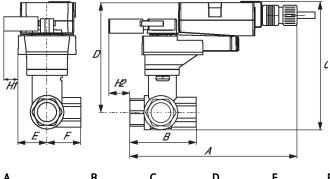
Туре	DN	Weight
B321	20	0.98 lb [0.45 kg]





ARB N4, ARX N4





LRQB, LRQX

Α	В	С	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]



