

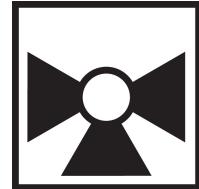
3-way Mixing/Diverting, Characterized Control Valve, Stainless Steel Ball and Stem



Picture may differ from product



5-year warranty



## Type overview

Type	DN
B325	1" [25]

## Technical data

	Functional data	Valve size [mm]	1" [25]
	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 $\Delta p_s$	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	30	
	No Characterized Disc	TRUE	
	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](http://www.p65warnings.ca.gov)

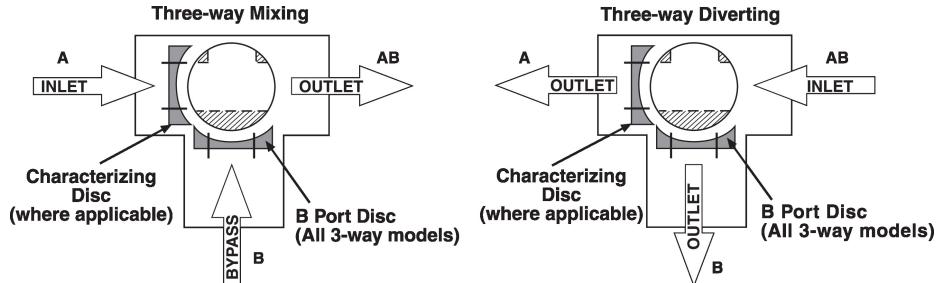
## Product features

## 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.

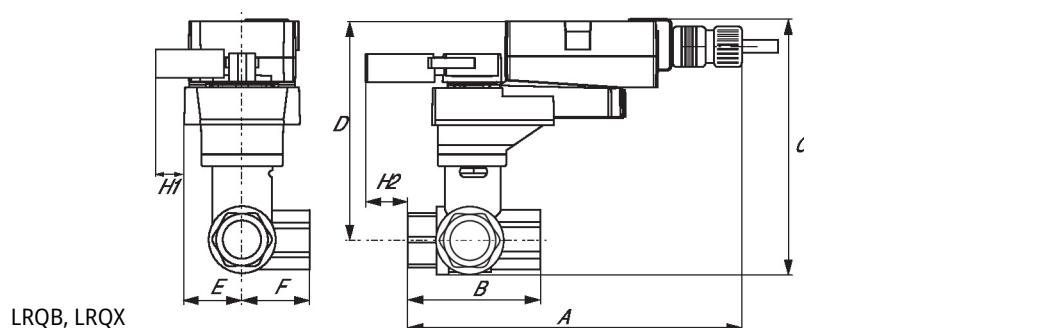
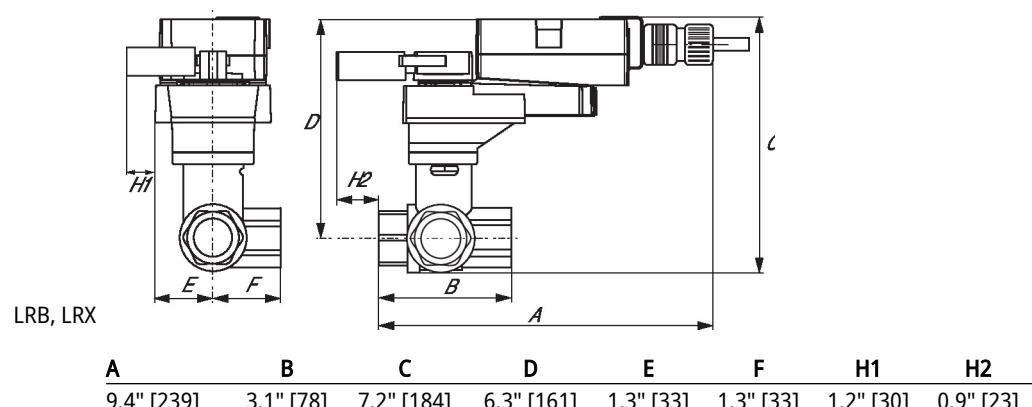
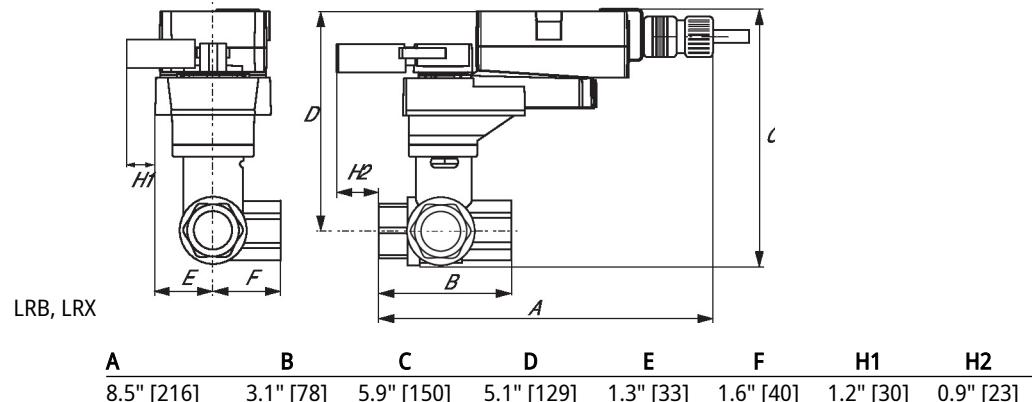
## Flow/Mounting details

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



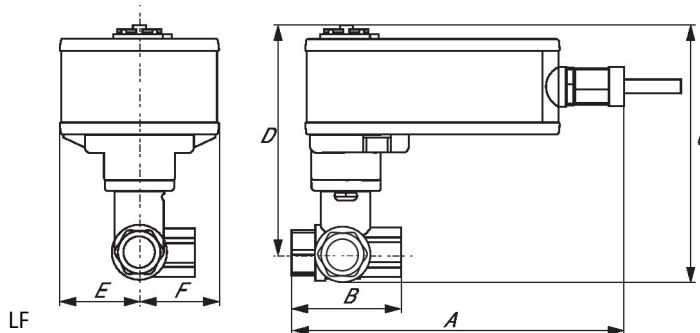
## Dimensions

Type	DN	Weight
B325	1" [25]	1.3 lb [0.58 kg]



## Dimensions

A	B	C	D	E	F	H1	H2
8.9" [226]	3.1" [78]	6.7" [169]	5.6" [142]	1.6" [40]	1.6" [40]	1.2" [30]	1" [25]



A	B	C	D	E	F
8.1" [206]	3.1" [78]	6.5" [165]	5.6" [142]	1.9" [48]	1.9" [48]