

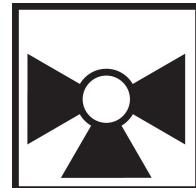
3-way Mixing/Diverting, Characterized Control Valve, Chrome Plated Brass Ball and Nickel Plated Brass Stem



Picture may differ from product



5-year warranty



## Type overview

Type	DN
B315B	1/2" [15]

## Technical data

<b>Functional data</b>	Valve size [mm]	0.5" [15]
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	10	
<b>Materials</b>	Valve body	Nickel-plated brass body
	Stem	nickel-plated brass
	Stem seal	EPDM (lubricated)
	Seat	PTFE
	Characterized disc	TEFZEL®
	O-ring	EPDM (lubricated)
	Ball	chrome plated brass
<b>Suitable actuators</b>	Non Fail-Safe	TR LRB(X)
	Spring	TFRB(X) 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)

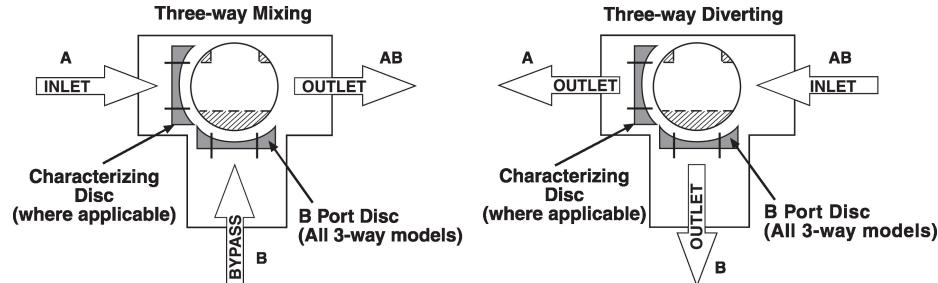
## Product features

## 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.

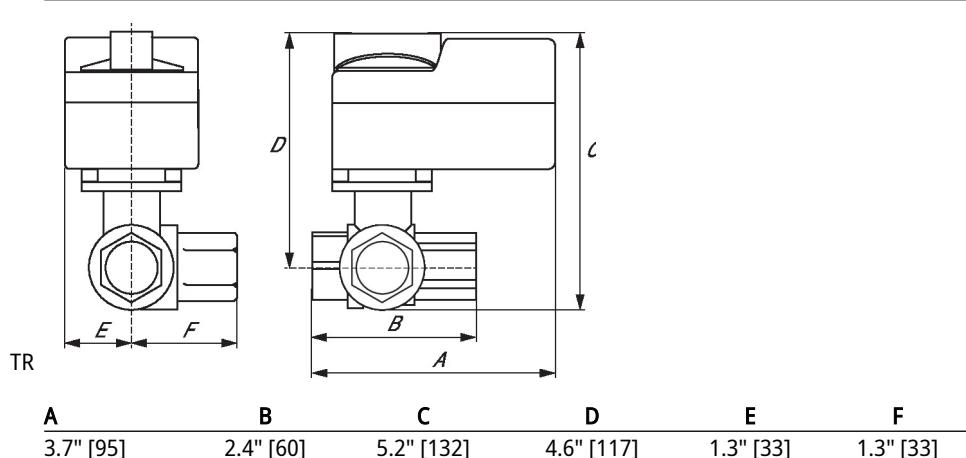
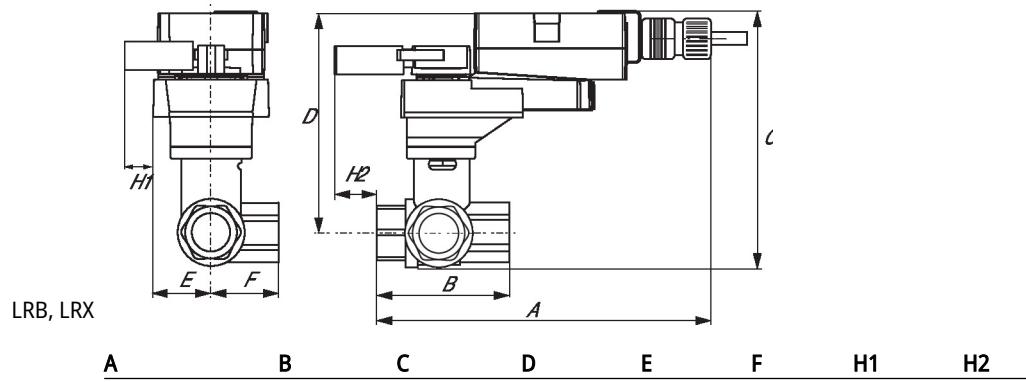
## Flow/Mounting details

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

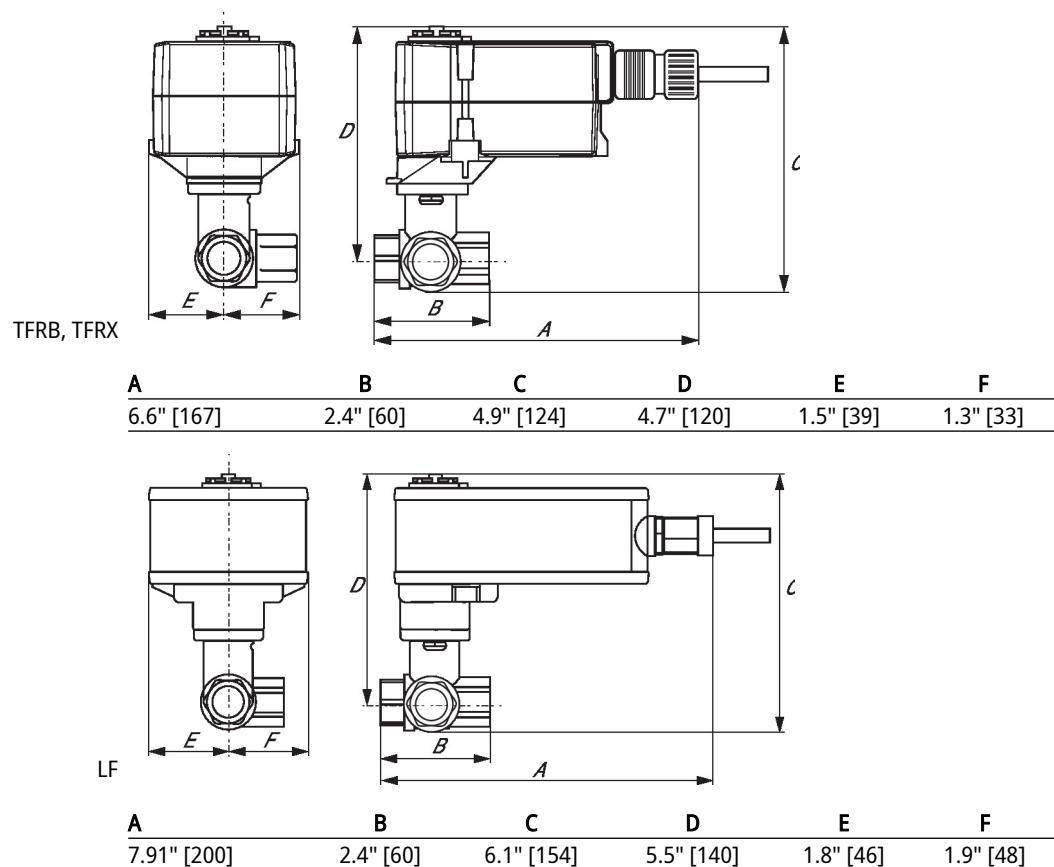


## Dimensions

Type	DN	Weight
B315B	1/2" [15]	0.72 lb [0.33 kg]



## Dimensions



A	B	C	D	E	F
6.6" [167]	2.4" [60]	4.9" [124]	4.7" [120]	1.5" [39]	1.3" [33]

A	B	C	D	E	F
7.91" [200]	2.4" [60]	6.1" [154]	5.5" [140]	1.8" [46]	1.9" [48]