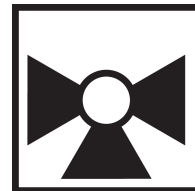




5-year warranty



Type overview

Type
B349

DN
50

Technical data

Functional data	Fluid	chilled or hot water, up to 60% glycol
	Body Pressure Rating	400 psi
	Close-off pressure Δp_s	200 kPa
	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	46
	Fluid Temp Range (water)	0...250°F [-18...120°C]
	Body pressure rating note	400 psi
	Cv Flow Rating	A-port: as stated in chart B-port: 70% of A – AB Cv
	Valve Size	2" [50]
	Safety data	CP65 Warning
Materials	Seat	PTFE
	End fitting	NPT female ends
	O-ring	EPDM (lubricated)
	Ball	stainless steel

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.

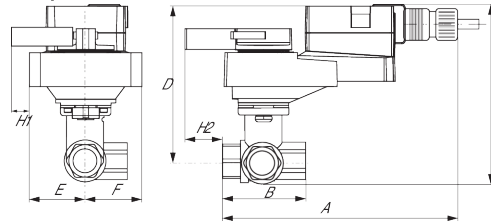
Flow/Mounting details



Dimensions

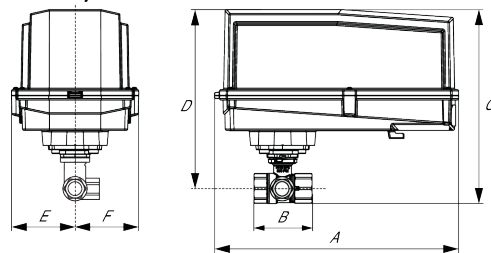
Dimensional drawings

ARB, ARX



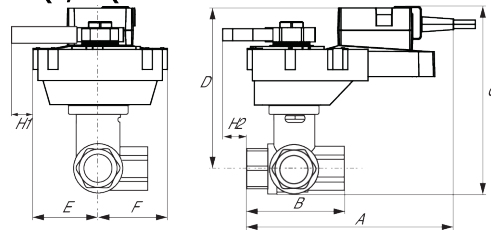
A	B	C	D	E	F	H1
10.5" [267]	4.9" [125]	7.7" [196]	6.0" [152]	1.7" [44]	2.6" [66]	0.8" [20]

ARB N4, ARX N4



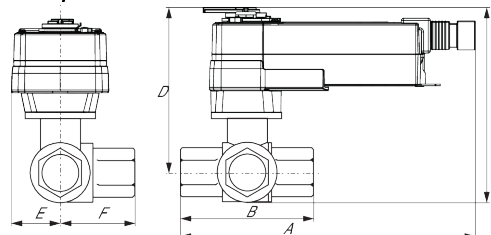
A	B	C	D	E	F
11.4" [289]	4.9" [125]	9.8" [249]	8.0" [203]	3.1" [80]	3.1" [80]

ARQB, ARQX

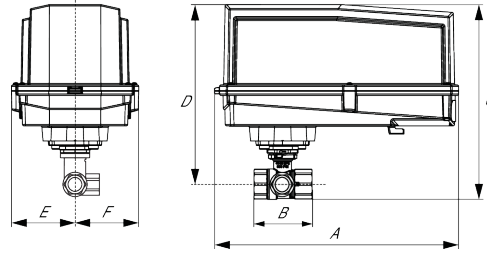


A	B	C	D	E	F	H1	H2
9.9" [251]	4.9" [125]	8.3" [211]	6.6" [168]	2.3" [58]	2.6" [66]	0.8" [20]	0.6" [15]

AFRB, AFRX



A	B	C	D	E	F
11.3" [286]	4.9" [125]	8.3" [211]	6.6" [168]	2.6" [66]	2.6" [66]

AFRB N4, AFRX N4**A**
13.0" [330]**B**
4.9" [125]**C**
11.8" [300]**D**
9.9" [251]**E**
3.7" [95]**F**
3.7" [95]