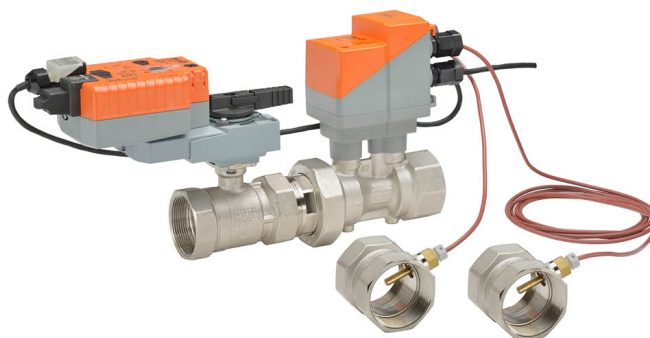




5-year warranty



Technical data

Functional data	Valve Size	2" [50]
	Control accuracy	±5%
	Fluid	chilled or hot water, up to 60% glycol max (open loop/steam not allowed)
	Fluid Temp Range (water)	14...250°F [-10...120°C]
	Body Pressure Rating	360 psi
	Close-off pressure Δps	200 psi
	Flow characteristic	equal percentage or linear
	Rangeability Sv	100:1
	Flow Pattern	2-way
	Leakage rate	0%
	Body pressure rating note	360 psi
Measuring data	Measuring accuracy flow	±2%*
Safety data	Rated impulse voltage supply	actuator/sensor: 0.8 kV (in accordance with EN60730-1) kV
	Ambient humidity	max. 95% r.H., non-condensing
Materials	Valve body	Nickel-plated brass body
	Flow measuring pipe	brass body nickel-plated
	Stem seal	EPDM (lubricated)
	Seat	PTFE
	Characterizing disk	TEFZEL®
	Pipe connection	NPT female ends
	O-ring	EPDM
Suitable actuators	Ball	stainless steel
	Non-Spring	ARB(X)
	Electronic fail-safe	(AKRB(X))

Safety notes



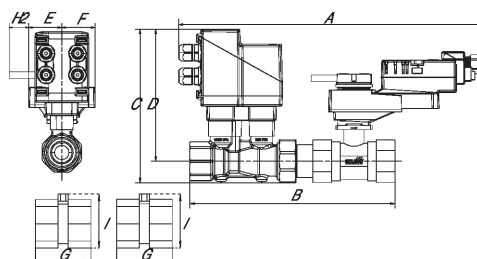
- WARNING: This product can expose you to lead which is known to the State of California to cause cancer and reproductive harm. For more information go to www.p65warnings.ca.gov

Product features

- Product features** The Energy Valve measures energy using its built-in electronic flow sensor and supply and return temperature sensors. Controls power with its power control logic providing linear heat transfer regardless of temperature and pressure variations. Manages low delta-T with its built in Delta-T manager. Measures glycol with advanced algorithms in its built in flow sensor. An IoT device utilising cloud-based technology to optimise performance.
- Application** Water-side control of heating and cooling systems for AHUs and water coils. Equal Percentage/ Linear: heating and cooling applications.
- Operation** The Energy Valve is an energy metering pressure independent control valve that measures, documents and optimises water coil performance.

Dimensions

Dimensional drawings



Type

DN

Weight [kg]

EV200S-761

50

6.0

A	B	C	D	E	F	G	H2	I
17.1" [435]	11.2" [284]	8.3" [211]	7.0" [179]	1.7" [44]	1.7" [44]	3.1" [80]	0.8" [20]	4.1" [105]