

ELECTRONIC BYPASS DAMPERS

EB Series electronic bypass dampers are used to automatically bypass excess air when increases in duct pressure occur due to closing of zone dampers. The EB Series dampers utilize a floating-point actuator along with the iO-SPC static pressure control. The iO-SPC has a fully calibrated setpoint dial for easy setup and adjustment. The iO-SPC maintains the system static pressure by modulating the bypass damper. EB Series electronic bypass dampers are recommended for systems from 0.08" WC up to 1.20" WC of static pressure.



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BELIMO
ACTUATORS

Features and Benefits:

- Easy adjustment
- Factory-calibrated
- Many sizes available
- Installation flexibility
- Reduces system noise
- Round and rectangular

Warranty:

- 5 Years

Typical Bypass Damper Sizing:

Tons	Damper Size
1-1.5	6"
2-2.5	8"
3	10"
4-5	12"
6-7.5	14"
10	16"
12.5	18"
15	20"

Over 15 tons or more should use 2 Electronic Bypass Dampers
(i.e. 1 EB and 1 SD Aux Bypass Damper)

Specifications:

Construction	Round: 22-gauge steel shell, aluminum shaft, nylon bushings, gasketed Rectangular: extruded aluminum frame and blades, nylon bushings
Sizes	Round: 6" to 20" Rectangular: 6" x 6" to 36" x 24"
Application	Systems with static pressure .08" to 1.20" WC
Damper Actuator Type	24VAC, 2.5VA, floating-point
Timing	90 seconds
Damper Position Indicator	Green LED indicates when the damper is opening.



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