

EB Series

Electronic Bypass Dampers

EB-XX
EB-XXXX

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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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: 24-gauge steel shell, aluminum shaft, nylon bushings, gasketed Rectangular: aluminum frame and blades, brass 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.