

The BPR80J bypass damper has an internal pressure sensor that monitors the duct pressure. A bypass pressure limit is set at the zoning panel using the PDMi carried by the installer. If the pressure limit is exceeded, the damper will begin to open to limit the duct pressure.

The duct pressure and limit can be viewed using the PDMi at the panel.

Bypass At 0.3
In H2O U/D/NEXT

Bypass limit is set using the PDMi carried by the installer.

Pressure 0.33
Damper 12% NEXT

Monitor pressure and damper position using the PDMi.



Specifications

- Damper shell is 24 gage, spiral wrapped, galvanized steel.
- Damper blade has a neoprene gasket between two 26 gage, galvanized steel blades.
- Air tight blade seal.
- Maximum static pressure - 1.0 inch H₂O.
- Adjustable pressure range - 0 to 1.0 inch H₂O.
- Operating Temperature is -20° to 175°F.
- Independent of mounting position.

Model Number	Diameter	Length
BPR80J-10	10-inch	12-inch
BPR80J-12	12-inch	14-inch
BPR80J-14	14-inch	16-inch
BPR80J-16	16-inch	18-inch
BPR80J-18	18-inch	20-inch
BPR80J-20	20-inch	22-inch

Diameter	CFM at 400 FPM	CFM at 600 FPM	CFM at 800 FPM	CFM at 1000 FPM	CFM at 1200 FPM
10-inch	218	327	436	545	655
12-inch	314	471	628	785	942
14-inch	428	641	855	1069	1283
16-inch	559	838	1117	1396	1676
18-inch	707	1060	1414	1767	2121
20-inch	873	1309	1745	2182	2618

5-Year Warranty

All products have a 5-year warranty, limited to the repair or replacement of the product due to defective material or workmanship.