

820 Series Rectangular Volume Control Dampers

Young 820 series dampers are standard, manual, opposed blade volume control dampers, which can be used to regulate airflow in square or rectangular duct systems. The 820 series includes 4 versions: **820A-L** for bare metal duct, with side duct control; **820A-LN**, similar to 820A-L with side duct control, but furnished with a regulator on a 1" high base for externally insulated duct; **820A-C**, also similar to 820A-L except that bottom duct control is featured; and **821A** (formerly 831A), similar to 820A-L that it is operated from the face of the grille.

FEATURES

- Fast, simple installation; control "plug in" damper drive cam.
- A quadrant or regulator is included with each damper except 821A.
- Rugged, heavy-duty construction of aluminum extrusions and stainless steel hardware for long, corrosion-resistant life and stand-alone quality.
- Opposed blade damper distributes air evenly over face of grille.
- Individual blade bushings for smoother and quieter operation.
- Open/close quadrant operator.
- Cam action damper drive for positive operation.
- Frame and blade manufactured from .050 aluminum extrusions.

OPERATION

All 4 of our 820 series dampers are manually operated. 820A-L is furnished with a 403-L lever-type locking regulator with a 3/8" operating shaft. 820A-LN includes a 403-LN lever-type locking regulator on a 1" high base for externally insulated duct. Regulator levers indicate the position of the dampers. 820A-C comes with a 675 bearing coupling which accepts 3/8" square rod from a Young concealed ceiling regulator (301, 315 or 315A, all available separately). 821A is operated from the face of the grille by a Phillips screwdriver.

AVAILABLE SIZES

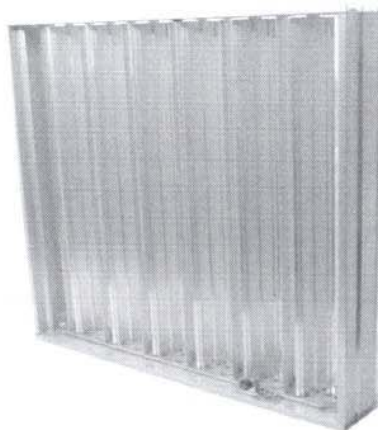
Standard sizes range from 6" x 4" through 24" x 24" for 820A-L and 820A-LN. Available sizes for 820A-C and 821A are 6" x 4" through 36" x 16". Dampers are manufactured 1/8" under duct size. Please call the factory for intermediate and larger sizes.

OPTIONS

- Slip-in mounting plate for simple labor saving installation.
- Bottom duct control on 820A-L and 820A-LN.
- 2" and 3" bases on (820A-LN2 or 820A-LN3).



820A-L



821A



820A-LN



820A-C

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