

SUBMITTAL RECORD

JOB _____
 LOCATION _____
 SUBMITTED TO _____
 SUBMITTAL PREPARED BY _____
 APPROVED BY _____
 DATE _____

**Submittal Form****OBD/PBD****Control Damper****Standard Construction:**

Frame: Roll-formed galvanized steel hat-section with staked corners and integral bracing

Blades: 16ga. Roll-formed galvanized steel. 5.25" wide standard

Bearings: Bronze oilite, press-fit into frame

Axles: 3/8" square, plated steel

Linkage: Concealed in frame. Linkage bars are .125" thick plated steel

Finish: Mill Finish

Extended Drive Pin: Removable 1/2" round diameter, plated steel

Sizes: Minimum size: 8" W x 8" H

Maximum size:

Single Section: 48" W x 48" H

Multiple Section:

Size unlimited

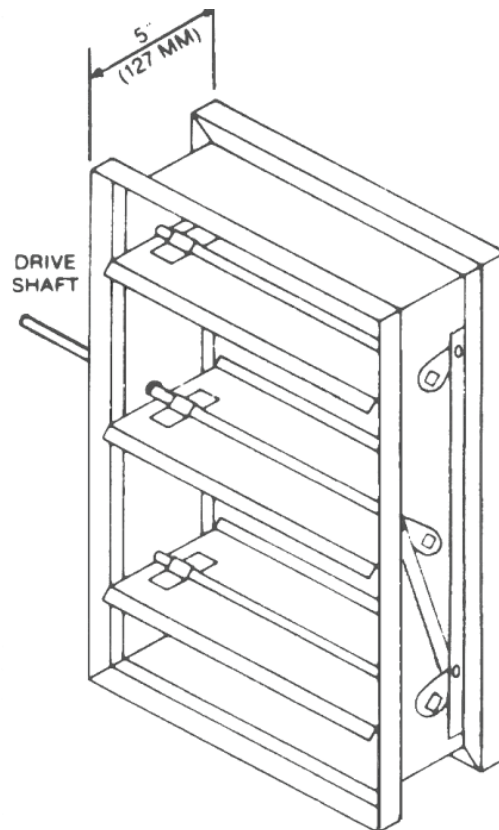
- Dampers larger than 48" x 48" are supplied with jackshafting (contact Duro Dyne for specifics on sizes)

Note: Actuators for control dampers to be supplied by Controls' Contractor

Note: Dampers are furnished approximately .25" (6mm) smaller than given duct dimensions. Not recommended with blades running vertically.

Options:

- ☐ Quadrant (Volume Damper)
- ☐ Extended 9" Shaft

**Features:**

- The OBD/PBD series Control Dampers have been designed and tested to provide a reliable, cost effective damper where tight sealing is not of primary importance. For tight sealing dampers, see Model: OBD(L.L.)(low leakage).
- The OBD/PBD damper's rigid frame and integrally braced corners provide true damper alignment that greatly resists being installed out of square or out of flat. This ensures on-site performance equal to test results.
- OBD/PBD is available in either parallel blade or opposed blade models.
- Dampers less than 8" (203mm) in height are furnished with low-profile flat top and bottom to maximize free area.
- The OBD/PBD series dampers may be made to accommodate higher than the recommended 2.5" w.g. static pressure. If application involves pressures in excess of 2.5" w.g. or velocities greater than 1,500 fpm contact the factory.
- Factory-installed electric or pneumatic operators are available.

SUGGESTED SPECIFICATIONS

Control dampers shall be Model: OBD/PBD by Duro Dyne National Corporation. Damper frames shall be of the steel roll-formed hat-section type with integrally braced corners to reduce racking. Damper blades shall be roll-formed 16ga. Galvanized steel for rigidity. Oilite bearings shall be press fit into frame to minimize wear. Linkage shall be of the concealed type to maximize free area. Axles shall be square to prevent twisting.