

**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

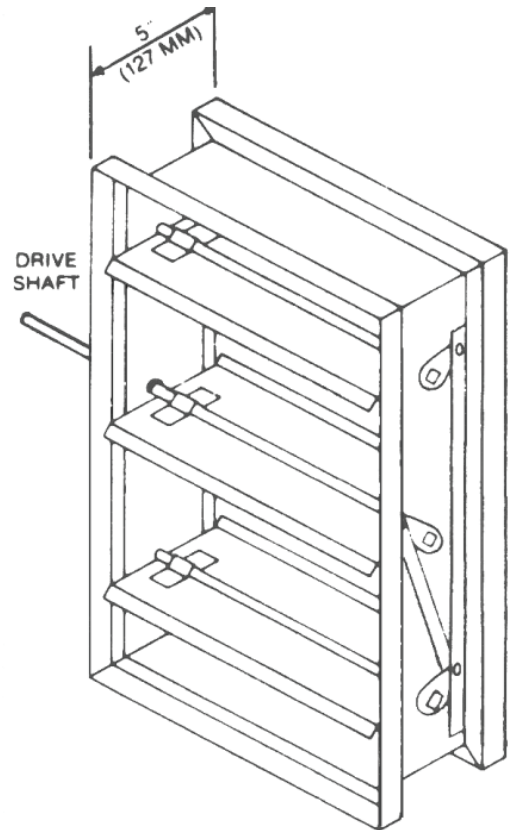
- Multiple Section:
- Size unlimited
- Dampers larger than 48" x 48" are supplied with jackshifting (contact Duro Dyne for specifics on sizes)

**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.

