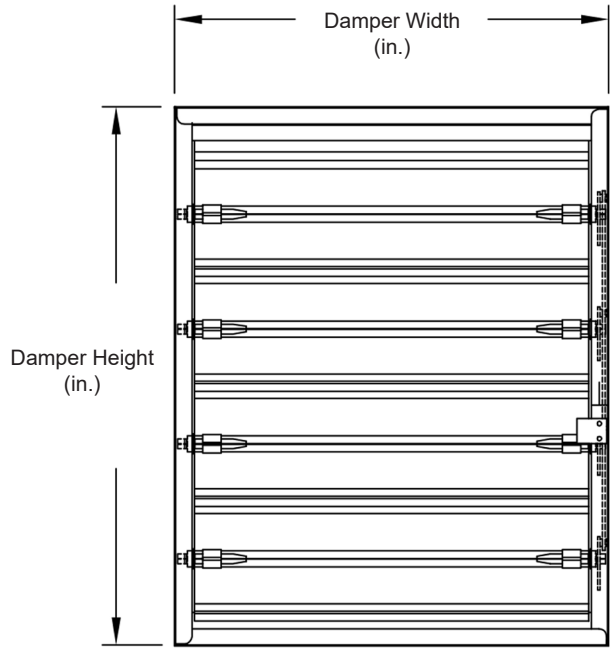
MODEL 1660 - 1661

Steel Balancing Damper • 6" Single Thickness Blades • Parallel (1660) or Opposed (1661) • 200°F Max Temperature

Standard Materials and Construction

FRAME: 5½" x ⅞" x 16 GA. galvanized steel hat channel. 16 GA. galvanized steel flat head and sill.
BLADE: 16 GA. galvanized steel, 6" (nominal) width.
AXLES: Plated steel stub.
BEARINGS: Non-metallic nylon.
LINKAGE: Plated steel bar and crank plates with stainless steel pivots, in-jamb type.
STOPS: No stops provided, unless gap exceeds 2".
ACTUATOR: ½" dia. removable extended shaft with individual panel locking manual quadrant and gasket.
FINISH: Mill.



Options

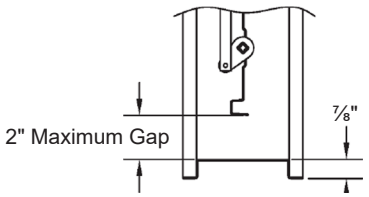
Exact Sizing
Face/Bypass - Vertical or Perpendicular
Sleeve - Transition - Sideplate
Material - 304 Stainless Steel
Vertical Blade Orientation
Flange Frame - On front, on rear, or on both sides
Manual Quadrant - Stainless Steel, 2" Standoff
PK 1200 - Position Indication Switch
Retaining Angles - 1 or 2 sets
Bearings - Oilite Infused Bronze or Stainless Steel
Security Bars

Notes

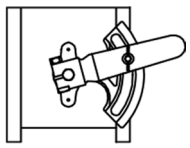
1. ¼" nominal deduction will be made to the opening size given.
2. Dampers less than 12" high will have only one blade.
3. Maximum face velocity is 2000 fpm. Maximum pressure differential is 4 in. w.g.
4. Approximate shipping weight is 6.75 lbs. per sq.ft.

Damper Sizes

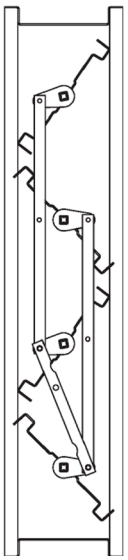
Panels	Min Panel	Max Single Panel
Parallel Blade	6"W x 8"H	48"W x 48"H
Opposed Blade	6"W x 12"H	48"W x 48"H



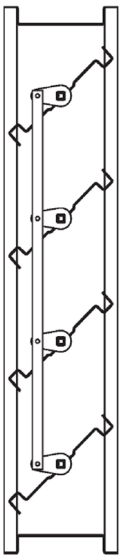
Stop Detail - Shown with blades closed to demonstrate 2" maximum allowed gap.



Manual Quadrant and Extended Shaft (Shipped loose)



Opposed Blades



Parallel Blades

Not to scale.

Item #	**Qty**	Width / Height **Damper Size**		**Parallel Blades**	**Opposed Blades**	**Seals**	**Actuator Model**	Interior / Exterior **Act. Location**		N.C. / N.O. **Function**		**Union Made**
Arch. / Eng.:						**EDR:**		**ECN:**		**Job:**		
Contractor:												
Project:						**Date:**		**DWN:**		**DWG:**		

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