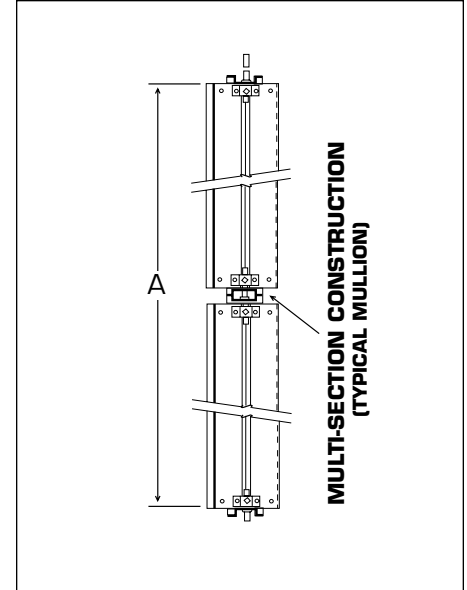
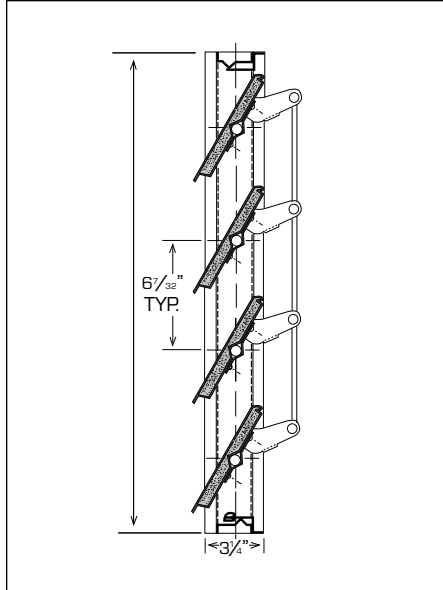




**CERTIFICATION & SUBMITTAL
MODEL 5700
Thermo-O-Seal Insulated Dampers**



STANDARD SPECIFICATIONS

- **FRAME:** 14 gauge galvanized press formed steel.
- **BLADES:** 18 gauge galvanized press formed steel.
18 gauge galvanized steel liner.
- **INSULATION:** 1/2" polyurethane foam between blade and liner, extending full length of each blade.
- **AXLES:** 1/2" x 2" long plated steel rods.
- **BEARINGS:** 1/2" diameter self-lubricating porous bronze.
- **BLADE EDGE SEAL:** Extruded dual durometer Dyn-O-Grip.
- **SIDE SEALS:** Spring stainless steel.
- **CONTROL ROD:** 1/2" diameter x 9" long plated steel.
- **HARDWARE:** Plated steel center brackets, brass pivots, 1/4" or 5/16" diameter plated steel linkage rod.
- **FINISH:** Standard Mill.
- **TEMPERATURE RANGE:** -40°F. to +160°F.
- **MAXIMUM VELOCITY:** 2000 F.P.M.
- **MAX. SINGLE SECTION:** 36" X 60"
- **MINIMUM SIZE:** Model 5701: 12" x 9"
Model 5702-03: 12" x 15"

OPTIONS

- 11 Ball bearings (side seals not available).
- 12 Nylon Bearings (Bushings).
- 31 Range, 1-1/2" fastened to damper frame (opposite linkage).
- 89 Sleeve.
- 90 Jackshaft.
- 92 Actuators.

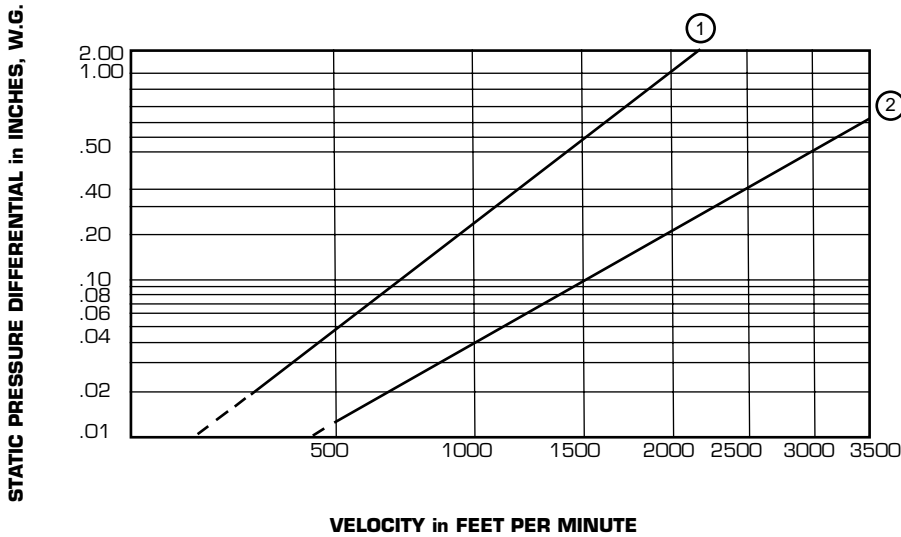
NOTE:

1. A & B are opening dimensions. Unless otherwise specified, dampers are made 1/4" undersize.
2. Insulating "K" factor is .28.
3. "U" factor is .57 BTU per hour, per square foot, per degree F.
4. Blades are a fixed width. Some sizes require blank-off's.



**PERFORMANCE DATA
MODEL 5700
Thermo-O-Seal Insulated Dampers**

AIRFLOW CHART



This performance information is derived from testing in accordance with AMCA Standard 500; with test set-up per figure 5.3 (in-duct) and 5.5 (in-wall) and measurement apparatus set-up per figure 6.5 of this AMCA standard.

- Model 5702 test size 24" x 24" full open
1. Figure 5.5 (in-wall)
 2. Figure 5.3 (in-duct)

This performance information is derived from testing in accordance with AMCA Standard 500; with test set-up per figure 5.5 and measurement apparatus set-up per figure 6.5 of this AMCA standard.

This leakage chart is based on a series of tests conducted by the AMCA Laboratory for Vent Products. The chart gives a conservative leakage rating based on those results. During this testing better results were attained showing leakage down to 5 CPM per Sq. Ft. at 4" S.P.

Holding torque applied was 5-inch pounds per square foot of damper area applied through external control arm to blade linkage.

Air leakage is based on operation between 65°F and 85°F.

Standard Air Density 0.075 LB/FT.

LEAKAGE CHART

