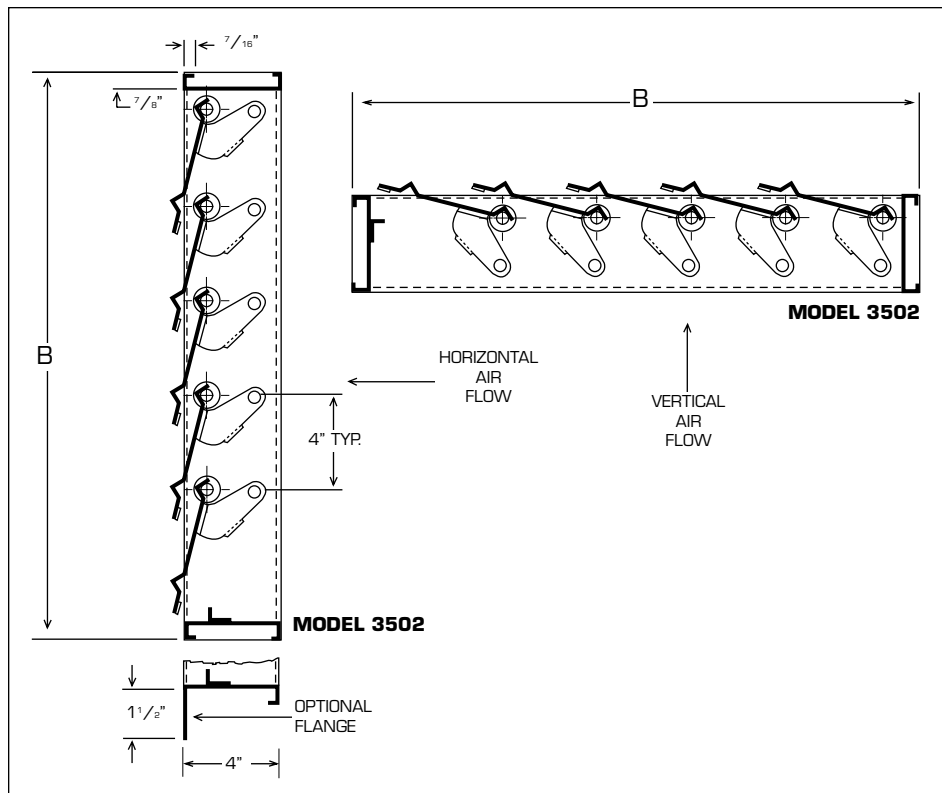




**CERTIFICATION & SUBMITTAL
MODEL 3500
High Velocity Backdraft Damper**



STANDARD SPECIFICATIONS

- **FRAME:** .080 press formed aluminum, welded construction.
- **BLADES:** .063 press formed aluminum with "V" reinforced edges.
- **SEALS:** 1/8" X 1/2" EPDM rubber on blade edges.
- **AXLES:** 1/2" dia. continuous aluminum.
- **BEARINGS:** 1/2" I.D. ball bearings.
- **LINKAGE:** .063 semi-hard aluminum center brackets, brass pivots and 1/4" dia. plated C1018 steel rod.
- **FINISH:** Standard Mill.
- **MAX. SINGLE SECTION:** 48" x 60"
- **MINIMUM SIZE:** 12" x 6"
- **MAX. VELOCITY:** 3500 F.P.M.
- **MINIMUM VELOCITY:** 1250 F.P.M.
- **MAX. TEMPERATURE:** 250°F.

OPTIONS

- 31 Flange, 1-1/2" fastened to damper frame (air leaving side).

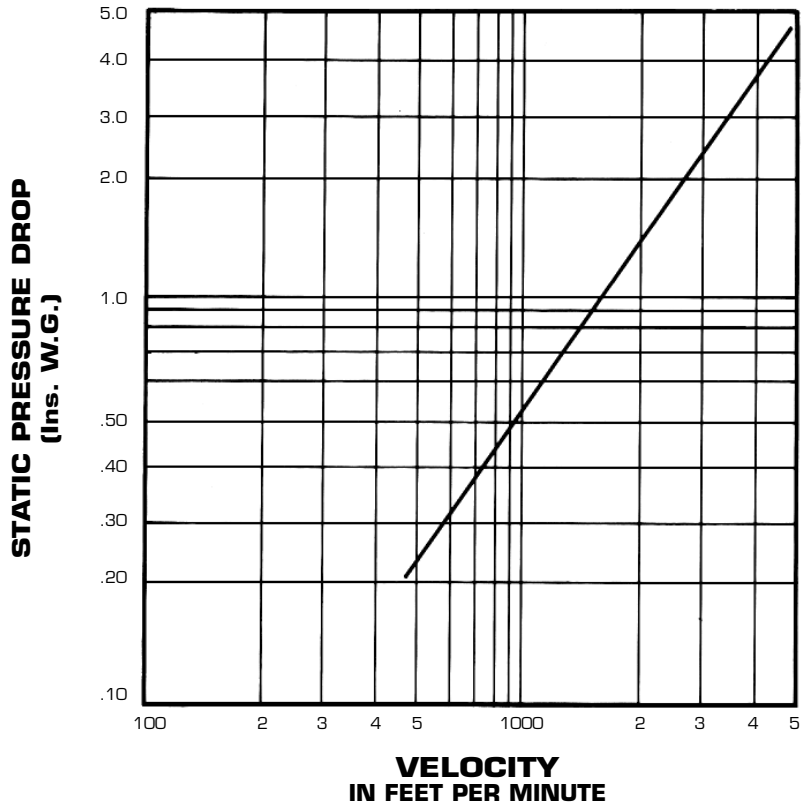
NOTES

1. A & B are opening dimensions. Unless specified otherwise, shutters are made 1/4" undersize.
2. "A" dimension is width of opening measured parallel to the blades.
3. If "B" dimension is 9" or less, unit is constructed with a single blade.

PERFORMANCE DATA
MODEL 3500
High Velocity Backdraft Damper

AIRFLOW CHART

Test size 48" x 12"



This performance information is derived from testing in accordance with AMCA Standard 500-83 with test set up per figure 5.3 and measurement apparatus set up per figure 6.5 of this AMCA standard
