

MODEL AC51/AC52

5" Deep • Airfoil Blade • Blade Linkage • Extruded Aluminum Damper

STANDARD MATERIALS AND CONSTRUCTION

- FRAME:** .081" thick nominal; 12-GA extruded aluminum hat shaped channel with reinforcing bosses and groove inserts for silicone seals
- BLADES:** .081" thick nominal; 12-GA extruded aluminum to be a single unit airfoil design
- AXLES:** Pivot rods to be 1/2" dia. extruded aluminum, Pin-Lock design interlocking into blade section
- BEARINGS:** Double-sealed with celcon inner bearing riding inside a polycarbonate outer bearing positively locked into frame, designed so that there shall be no metal-metal or metal-to-bearing riding surfaces
- LINKAGE:** Non-corrosive reinforced material or cadmium plated steel
- SEALS:** Extruded silicone seals fit into dovetail shaped slots on both frames and blades.
- FINISH:** Mill
- TEMP. LIMITS:** -70° to 200°F

OPTIONS

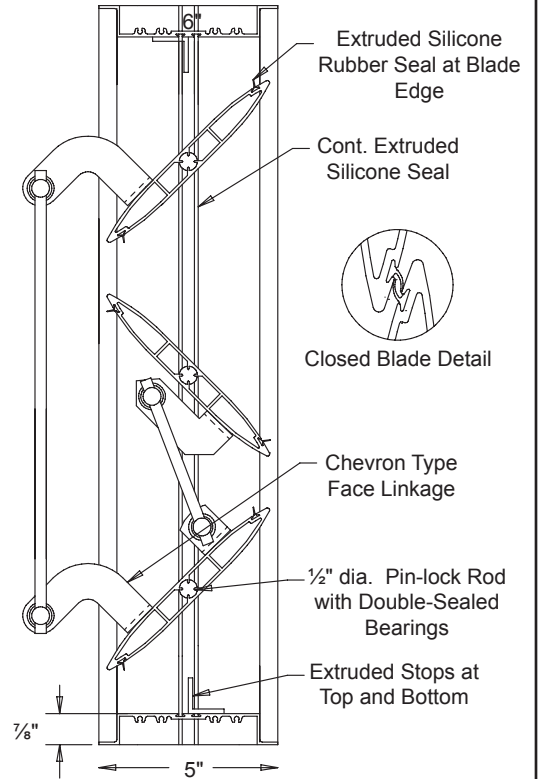
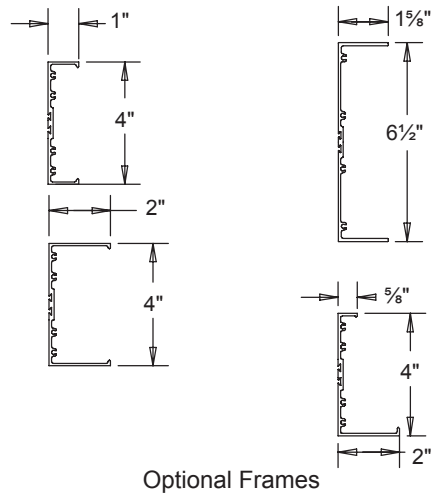
- Hand Quadrants
- 120V, 24V, or Pneumatic Actuators
- Jackshafting
- Auxillary Switch
- Explosion Proof Housing

NOTES

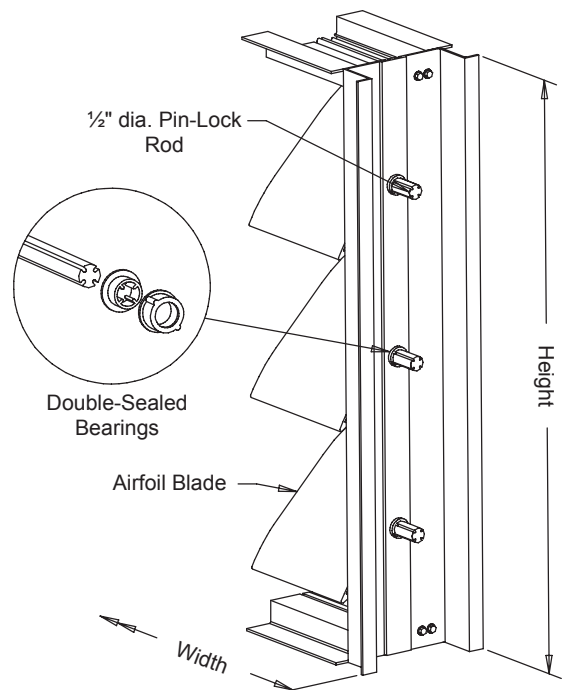
1. "A" width and "B" height are opening dimensions. Dampers are provided approximately 1/4" undersize.
2. Dampers with multiple panels in both width and height may require structural support. It is recommended that large openings be designed with structural members so that dampers will span either width or height with a single panel. ABI does not supply structural support with standard dampers.
3. Dampers more than one panel wide or high and operated with one actuator must be jackshafted. Factory supplied actuators are shipped loose to be mounted external as standard.
4. Not recommended for blades installed vertically.
5. Approximate damper weight is 6.5 lbs./sq.ft.

DAMPER SIZE

Panels	Minimum Panel	Maximum Panel
AC51	8"W x 10 7/8"H	60"W x 96"H
AC52	8"W x 14"	60"W x 96"H



AC52 (Opposed Blade)



AC51 (Parallel Blade)

MODEL AC51/AC52

5" Deep • Airfoil Blade • Jamb Linkage • Extruded Aluminum Damper

STANDARD MATERIALS AND CONSTRUCTION

- FRAME:** .081" thick nominal; 12-GA extruded aluminum hat shaped channel with reinforcing bosses and groove inserts for silicone seals
- BLADES:** .081" thick nominal; 12-GA extruded aluminum to be a single unit airfoil design
- AXLES:** Pivot rods to be 1/2" dia. extruded aluminum, Pin-Lock design interlocking into blade section
- BEARINGS:** Double-sealed with celcon inner bearing riding inside a polycarbonate outer bearing positively locked into frame, designed so that there shall be no metal-metal or metal-to-bearing riding surfaces
- LINKAGE:** Non-corrosive reinforced material or cadmium plated steel
- SEALS:** Extruded silicone seals fit into dovetail shaped slots on both frames and blades.
- FINISH:** Mill
- TEMP. LIMITS:** -70° to 200°F

OPTIONS

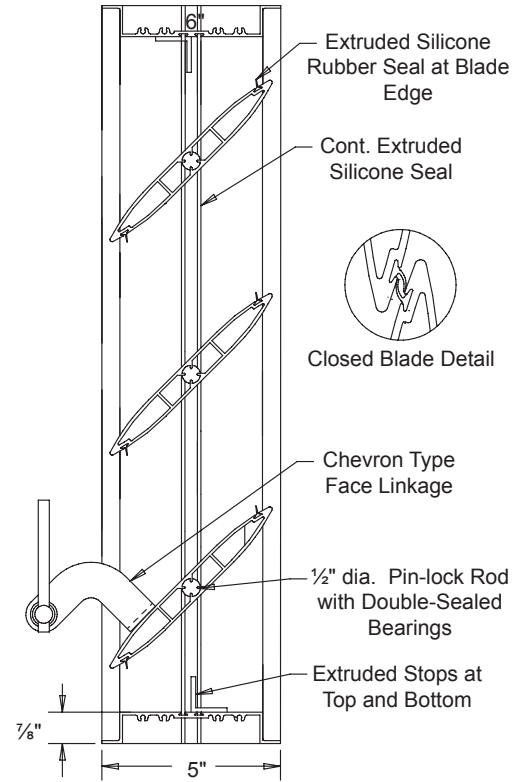
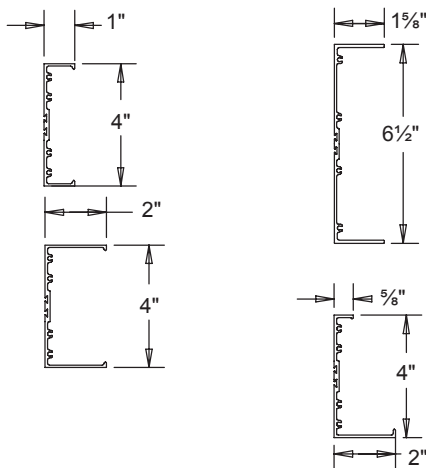
- Hand Quadrants
- 120V, 24V, or Pneumatic Actuators
- Jackshifting
- Auxiliary Switch
- Explosion Proof Housing

NOTES

1. "A" width and "B" height are opening dimensions. Dampers are provided approximately 1/4" undersize.
2. Dampers with multiple panels in both width and height may require structural support. It is recommended that large openings be designed with structural members so that dampers will span either width or height with a single panel. ABI does not supply structural support with standard dampers.
3. Dampers more than one panel wide or high and operated with one actuator must be jackshuffled. Factory supplied actuators are shipped loose to be mounted external as standard.
4. Not recommended for blades installed vertically.
5. Approximate damper weight is 6.5 lbs./sq.ft.

DAMPER SIZE

Panels	Minimum Panel	Maximum Panel
AC51	6"W x 6 1/4"H	60"W x 96"H
AC52	6"W x 12"	60"W x 96"H



AC52 (Opposed Blade)

