



P: 800.961.7370  
www.solerpalau-usa.com

# ALUMINUM MOTORIZED HAT CHANNEL DAMPER MODEL ACD

## FEATURES

### Frame

- 5" x 1" x .100 thick Extruded Aluminum Hat Channel.

### Blades

- 7" wide x .080 thick extruded aluminum. Parallel Blade Action.

### Seals

- Blade – Extruded TPV (-70°F to +280° F).
- Jamb – Stainless Steel..

### Tie Rod

- On-blade type.

### Bushings

- Nylon

### Finish

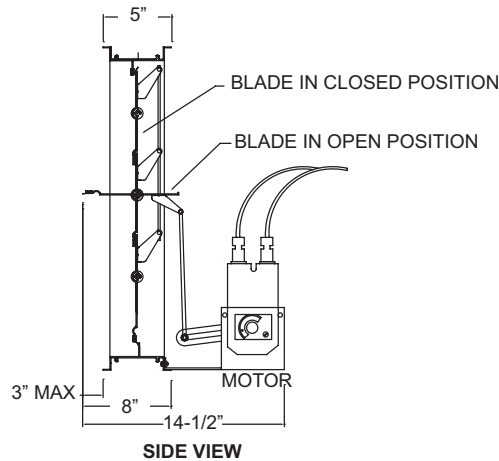
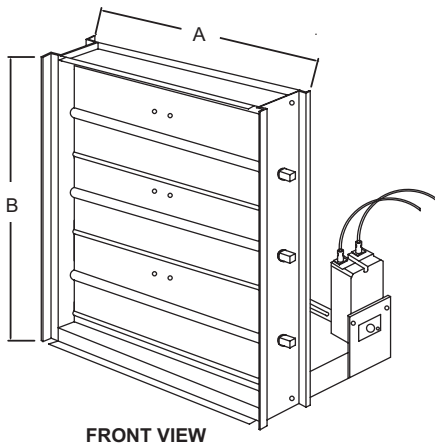
- Mill

### Performance Criteria:

- 3,500 fpm Maximum Velocity.
- 4" wg Maximum Pressure.
- 122 Degree Maximum Temperature.

## MOTOR SPECS

| Motor Manufacturer | Model Number | Power Supply Required | Motor Type                  | Temperature Range F° |
|--------------------|--------------|-----------------------|-----------------------------|----------------------|
| Belimo             | TF120-S      | 120/240 V<br>50/60 Hz | 2 position<br>Spring Return | -22 to 122           |



## Dimensions in Inches

| Part No. | Overall Frame Dimensions (W x H) | Face Area (Sq. Ft. ) | Est. Free Area (Sq. Ft.) | Est. Shipping Weight (lbs) |
|----------|----------------------------------|----------------------|--------------------------|----------------------------|
| ACD12    | 11.75 x 11.75                    | .96                  | .37                      | 5                          |
| ACD16    | 15.75 x 15.75                    | 1.73                 | 1.05                     | 7                          |
| ACD20    | 19.75 x 19.75                    | 2.71                 | 2.13                     | 10.5                       |
| ACD24    | 23.75 x 23.75                    | 3.92                 | 3.17                     | 13                         |
| ACD30    | 29.75 x 29.75                    | 6.15                 | 5.11                     | 18.5                       |
| ACD36    | 35.75 x 35.75                    | 8.88                 | 7.56                     | 25                         |
| ACD42    | 41.75 x 41.75                    | 12.11                | 10.49                    | 34                         |
| ACD48    | 47.75 x 47.75                    | 15.84                | 13.90                    | 42                         |

**Note:** Dimensions are approximate due to normal tolerances in the manufacturing process. Estimated Free Area calculation is based upon the following formula:  $MD[A+B+ (N \times C)]/144$ . Free Area x FPM = CFM; actual performance may vary.