



# AIR CONTROL DAMPER MODEL BDD 190 BACK DRAFT DAMPER

## STANDARD CONSTRUCTION

### FRAME

EXTRUDED ALUMINUM CONSTRUCTION, 0.087" (2.2mm) THICK, 2 1/4" DEPTH.

### BLADES

EXTRUDED ALUMINUM CONSTRUCTION 0.079" (2mm) THICK.

### SEALS

VINYL BLADE CUSHION SEALS MECHANICALLY LOCKED INTO THE BLADE.

### BEARINGS & AXLES

CORROSION RESISTANCE LONG LIFE SYNTHETIC, TEMPERATURE LIMITS 300°F (149°C).

### LINKAGE

0.118" (3mm) ALUMINUM TIE BARS IN THE AIR STREAM.

### FINISH

MILL.

### TEMPERATURE LIMITS

- 40°F (-40°C) MINIMUM & 250°F (121°C) MAXIMUM.

### MOUNTING

VERTICAL & HORIZONTAL.

## OPTIONS:

- 1) **FLANGED:** 30mm Extruded Aluminum Flange.
- 2) **BEARINGS:** Bronze Bearing.
- 3) **AXLES:** Die Cast Alumium
- 4) **SEALS:** Neopren Rubber Foam
- 5) **SLEEVES:** All types of sleeve for duct mounting

## CONSTRUCTION SIZES

MINIMUM SINGLE SECTION:

6" (152mm) W x 12"(305mm) H

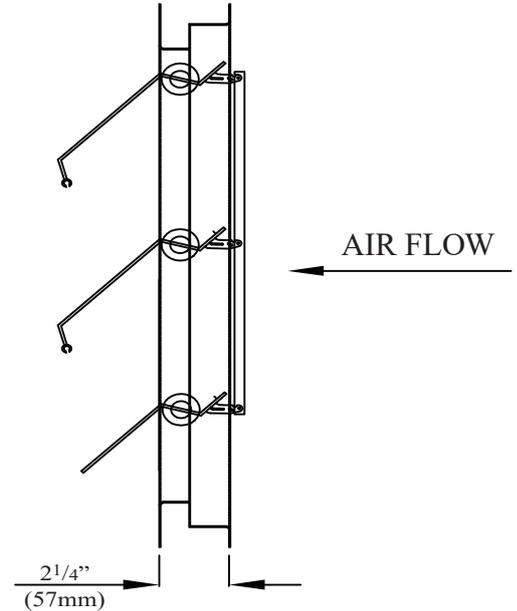
MAXIMUM SINGLE SECTION:

Vertical Mount: 50"(1270mm) W x 50"(1270mm) H

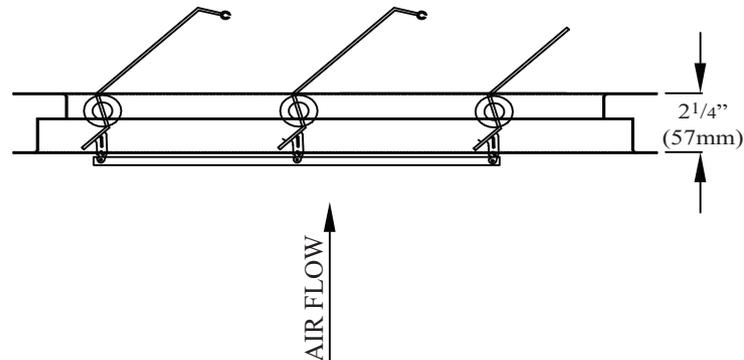
Horizontal Mount: 36"(914mm) W x 36"(914mm) H

MAXIMUM MULTIPLE SECTION:

Unlimited



MODEL: BDD 190



MODEL: BDD 190-H

### NOTE:

WHEN USED IN FAN DISCHARGE APPLICATION DAMPER SHOULD BE LOCATED AT LEAST 1/2 FAN DIAMETER FROM FAN DISCHARGE.

TESTING WAS PERFORMED BY:  
AMCA INTERNATIONAL IN  
ACCORDANCE TO AMCA STD 500.-D