

## Application

BD-20 backdraft dampers employ gravity operated butterfly style blades to restrict reverse airflow and to permit the forward flow of air in the intended direction. The BD-20 damper may be mounted vertically or horizontally in either exhaust or intake installations for low velocity and pressure applications.

## Standard Construction

**Frame:** 22 ga. (0.85) galvanized steel.

**Blades:** 24 ga. (0.51) aluminum - butterfly

**Seals:** Neoprene blade edge seals.

**Minimum Size:** 5" x 5" (127 x 127)

**Maximum Size:** 36" x 24" (914 x 610)

## Options

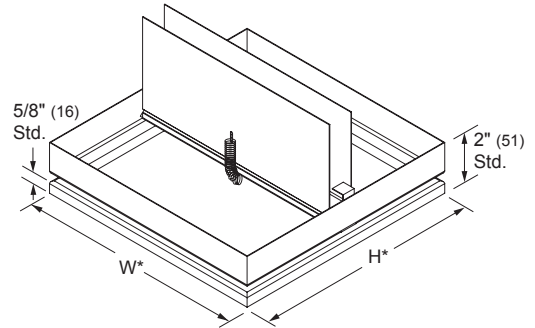
- Factory installed integral sleeve.
- Type-304 stainless steel construction.

## Ratings

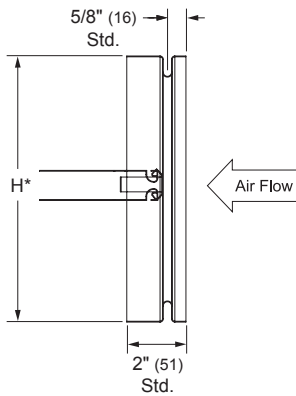
**Maximum System Velocity:** 1000 fpm (5.1 m/s)

**Maximum System Pressure:** 1 in. wg (0.25 kPa)

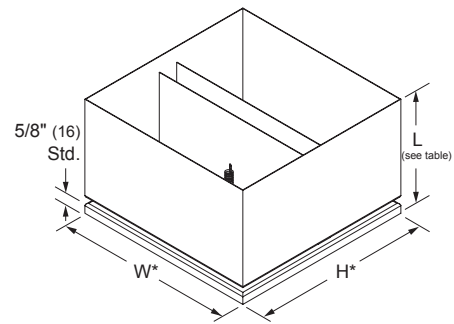
**Temperature:** -25°F to 150°F (-32°C to 66°C)



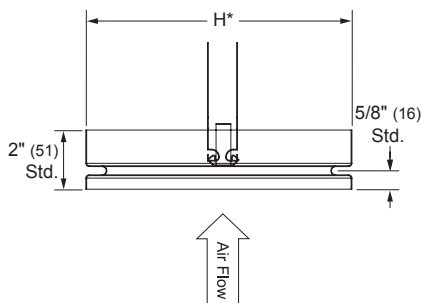
Model **BD-20**  
(standard)



Vertical Mount



Sleeve  
(optional)



Horizontal Mount

Type S Sleeve Table	
Damper Height	Sleeve Length 'L'
$H \leq 10''$ (254)	6'' (152)
$10''$ (254) < $D \leq 14''$ (356)	8'' (203)
$14''$ (356) < $D \leq 18''$ (457)	10'' (254)
$H > 18''$ (457)	12'' (305)

\*Damper dimensions furnished approximately 1/8" (3) undersize.

Information is subject to change without notice or obligation.

**NOTE:** Dimensions in parentheses ( ) are millimeters.