

# Specifications



SoundBarrier™

## SoundBarrier™ Air Wipe Sound and Liquid Containment System

SoundBarrier™ works with Huestis Industrial Air Wipes to help block noise associated with drying wire, cable and other extruded products.

Extremely effective, SoundBarrier significantly decreases noise levels and contains liquids removed by typical air wipe applications. Liquids removed by the air wipe can be reclaimed and recycled through a drain in the bottom of the stainless housing.

Combined with Air Wipes already low noise levels due to controlled airflow, SoundBarrier's noise suppressing design offers extremely quiet operation.

### Features

#### Noise Suppression

- Stainless steel sound enclosure houses air wipes for quiet, thorough drying of wire, cable and extruded products.
- Efficient design significantly decreases drying noise levels.

#### Liquid Containment

- Enclosed system contains liquids removed by the air wipe.
- Liquids can be reclaimed and recycled back to the process through a drain fitting in the bottom of the housing.
- Covered system also helps reduce atomization of process liquids.

#### Easy Air Wipe Mounting

- Integral splashguard serves as a stable mounting platform for the air wipe and bracket guide.
- Accommodates various size air wipes for a wide range of drying applications.

#### Freestanding Design

- Rugged frame features durable welded construction and is easily positioned in process lines.
- Stable base plate features four (4) floor mounting holes.

#### Easy Line Height Adjustment

- Height is adjusted by turning the shaft adjustment nut on the base shaft.
- Standard model accommodates line heights from 41" - 47" (104 - 119 cm)
- Frame tube screws secure position.

#### Easy Threading/ Access

- A removable, clear cover opens for easy threading and air wipe access.

#### Customized Inlet/ Exit Guides

- Inlet/ exit guides serve as gaskets to help contain noise and process liquids.
- Rubber guides can be punched to accommodate specific process sizes. (Pre-punched guides are available)

#### Quick Release Air Fittings

- Two (2) quick release air fittings match applicable air wipe hose size.
- Fittings are mounted to rear wall for easy air supply access.

#### Corrosion Resistant

- Stainless steel housing, splashguard and hinges offer durable protection.
- Custom materials available.



#### Versatile Freestanding Design

SoundBarrier's versatile design is easily positioned in process lines and can be secured with four base mounting holes. Custom housing materials and other configurations available upon request.

### Sound Reduction

Air Flow	dB Level w/ AM*	dB Level w/ SB**	dB Change	Air Flow	dB Level w/ AM*	dB Level w/ SB**	dB Change
10 PSI (0.7 bar)	74.5	68.5	(6.0)	50 PSI (3.5 bar)	75.0	69.0	(6.0)
20 PSI (1.4 bar)	74.5	68.5	(6.0)	60 PSI (4.2 bar)	76.0	70.0	(6.0)
30 PSI (2.1 bar)	74.5	68.5	(6.0)	70 PSI (4.9 bar)	77.5	70.0	(7.5)
40 PSI (2.8 bar)	74.8	68.8	(6.0)	80 PSI (5.6 bar)	80.0	70.5	(9.5)

Tested at Huestis Industrial factory, results may vary. \*.750" (19.1 mm) empty Air Miser. \*\*With SoundBarrier.

## HUESTIS INDUSTRIAL

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