



BERNER INDUSTRIAL AIR CURTAINS

The Energy Saving DOORWAY SOLUTION for Comfort & Safety



MADE in USA
For Over 60 Years



800.245.4455



www.BERNER.com

MODEL COMPARISON <i>Air Curtains</i>	Recommended MAX. MT. HEIGHT		HEAT OPTIONS					Single Unit Widths up to			
	<i>Environmental Separation</i>	<i>Insect Control</i>	<i>Conveyor</i>	<i>Shipping & Receiving</i>	<i>Train & Bus Bays</i>	<i>Electric</i>	<i>Steam</i>		<i>Hot Water</i>	<i>Indirect Gas</i>	<i>Direct Gas</i>
INDUSTRIAL Direct Drive 12	12' : 10'		✓	✓	✓	✓	✓	✓	✓	✓	16'
INDUSTRIAL Direct Drive 14	14' : 12'		✓	✓	✓	✓	✓	✓	✓	✓	16'
INDUSTRIAL Direct Drive 16	16' : 14'			✓	✓	✓	✓	✓	✓	✓	16'
INDUSTRIAL Belt Drive 16	16' : 14'			✓	✓		✓	✓	✓	✓	16'
INDUSTRIAL Direct Drive 20	20' : 18'			✓	✓	✓	✓	✓	✓	✓	16'
INDUSTRIAL Belt Drive 20	20' : 18'			✓	✓		✓	✓	✓	✓	16'
INDUSTRIAL Belt Drive 30	30' : 28'			✓	✓		✓	✓		✓	16'
INDUSTRIAL Fly Stop 16	- : 16'			✓	✓						12'
INDUSTRIAL Hazardous Locations			✓	✓	✓		✓	✓			16'

Not seeing your application? Working with Cold Storage? Talk with Berner - 800.245.4455

Berner Air Curtains TAKE COST OUT by:

Reducing Energy Costs

- Retain inside temperatures near outside doors so that HVAC systems, including space heaters, run less to satisfy temperature settings
- Cold Storage – reduce temperature gain across thresholds between freezer, cooler and ambient spaces

Reducing Safety Incidents

- Allow fork lift operators and others to see each other as they pass back and forth over the threshold
- Help to dry the floor through evaporative process of air stream splitting and flowing across the threshold

Increasing Productivity

- Keep people near the door happy with comfortable temperatures and a smoke-free environment
- Prevent Machine Downtime: temperature fluctuations near open outside doors can cause machines to malfunction or completely shutdown

Protecting Against Flies and Bees

- Chemical-free insect control

Keeping Installation Costs Low

- All units shipped fully assembled



PROTECTION up to 12'

INDUSTRIAL Direct Drive 12



Model# IDC12

- 1/2 hp single speed motor(s) - direct drive (Optional: three-speed)
- Gray powder coated exterior with mill aluminum screen and access panels
- Wall & Top Mounting

PROTECTION up to 14'

INDUSTRIAL Direct Drive 14



Model# IDC14

- 1 hp single speed motor(s) - direct drive (Optional: two-speed)
- Gray powder coated exterior with mill aluminum screen and access panels
- Wall & Top Mounting

PROTECTION up to 16'

INDUSTRIAL Direct Drive 16



Model# IDC16

- Single speed T.E.A.O. motor(s) - direct drive
- Gray powder-coated aluminized steel exterior and removable lower section
- Top Mounting only

PROTECTION up to 16'

INDUSTRIAL Belt Drive 16



Model# IBC16

- Single speed T.E.F.C. motor - belt drive
- Gray powder-coated aluminized steel exterior and removable lower section
- Top Mounting only

PROTECTION up to 16'

INDUSTRIAL Fly Stop 16



Model# FLY16

- 2 hp single speed T.E.A.O. motor(s) - direct drive
- Gray powder-coated aluminized steel exterior
- Wall Mounting only

PROTECTION up to 30'

INDUSTRIAL Belt Drive 30



Model# IBC30

- Single speed T.E.F.C. motor - belt drive
- Gray powder-coated aluminized steel exterior and removable lower section
- Top Mounting only

PROTECTION up to 20'

INDUSTRIAL Direct Drive 20



Model# IDC20

- Single speed T.E.A.O. motor(s) - direct drive
- Gray powder-coated aluminized steel exterior and removable lower section
- Top Mounting only

PROTECTION up to 20'

INDUSTRIAL Belt Drive 20



Model# IBC20

- Single speed T.E.F.C. motor - belt drive
- Gray powder-coated aluminized steel exterior and removable lower section
- Top Mounting only

AIR CURTAINS FOR HAZARDOUS LOCATIONS

Durable Construction with EXPLOSION PROOF motors

Designed and manufactured to comply with **ANSI/NFPA-70 National Electrical Code (NEC) for Electrical Equipment:**
Class I, Division 1 and 2, Groups C and D for gases
Class II, Division 1 and 2, Groups F and G for dust



Model# HLC12
For mounting heights to 12'

Model# HLC14
For mounting heights to 14'

Lengths from 36" to 192"



Model# HLC16
For mounting heights to 16'

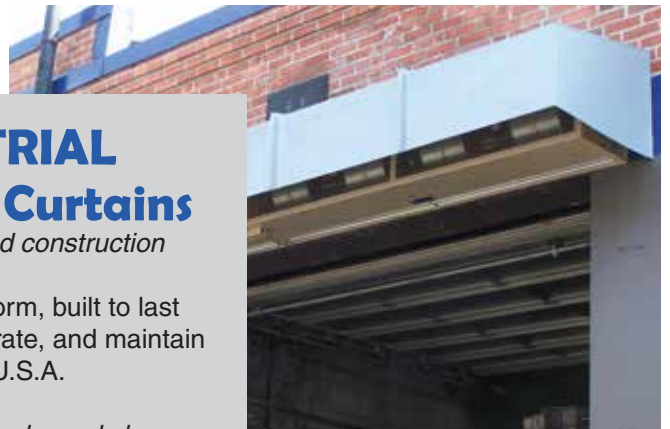
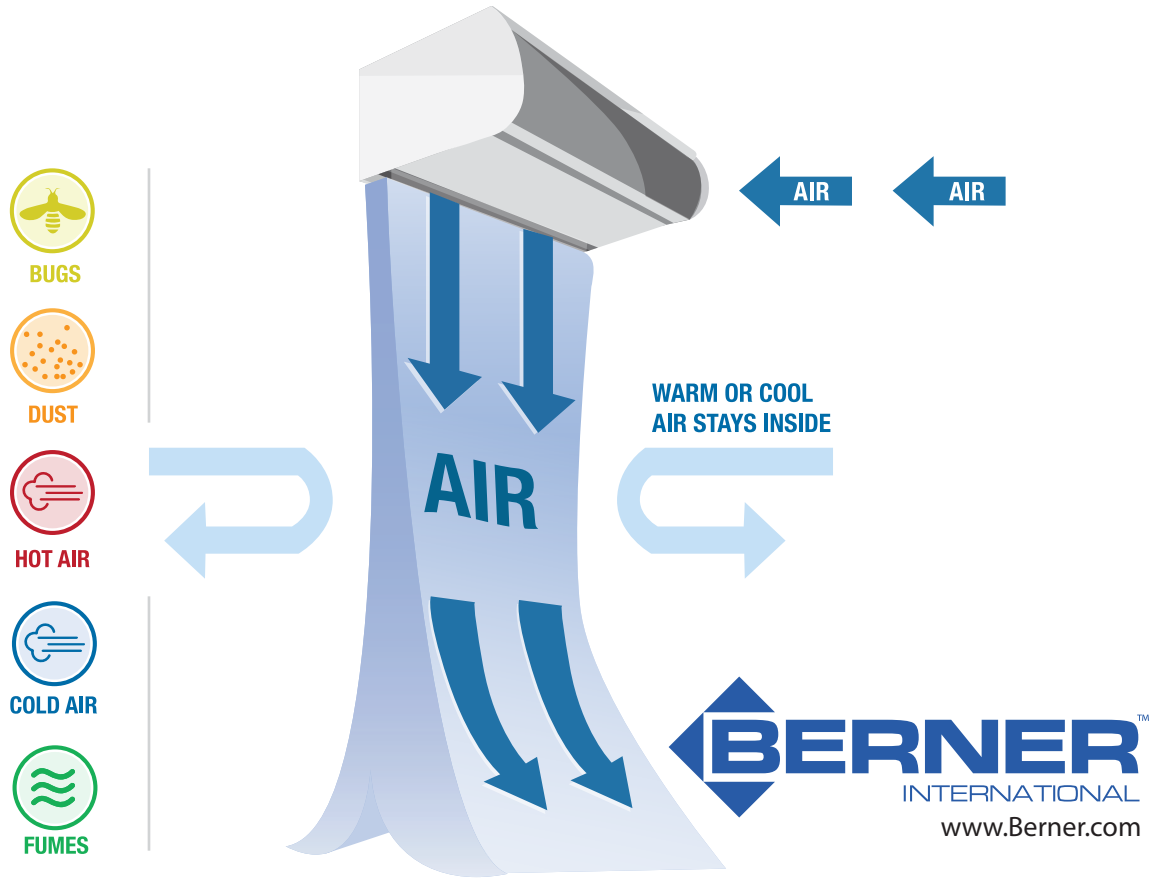
Model# HLC20
For mounting heights to 20'

Lengths from 60" to 192"

100% Coverage gray zinc epoxy powder coated aluminized steel cabinet
(interior and exterior)

Stainless Steel Construction Available - Contact Berner Representative

HOW A BERNER AIR CURTAIN WORKS



INDUSTRIAL Berner Air Curtains

Durable, all welded construction

Engineered to perform, built to last
Simple to install, operate, and maintain
Made in U.S.A.

*Berner is a UL Listed panel shop,
authorized to build UL listed
Motor Control Panels*

Custom Colors
and Stainless Steel available

Washdown duty motors & construction for
corrosive environments available

Talk to Berner – 800.245.4455
www.BERNER.com



Activation Devices for Air Curtains



Plunger Style Door Switch



Roller Style Door Switch



Magnetic Reed Door Switch



Heavy Duty Magnetic Reed Door Switch



Start/Stop Switch



Hand/Off/Auto Switch



Remote Selector Switch



Motor Control Panel

MORE QUALITY PRODUCTS
available from **BERNER INTERNATIONAL**

POSI-FLOW FABRIC AIR DIFFUSERS



DIRECT GAS-FIRED DOOR HEATER



VINYL STRIP DOORS



Represented By:



IND-100 JANUARY, 2017

BERNER INTERNATIONAL

New Castle, Pennsylvania

800-245-4455 724-658-3551

www.berner.com



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Saving Energy and Creating Healthy, Comfortable Environments