

General Characteristics of HBD Explosion Proof Dolly Mount Barrel Fan

The HBD Series is a belt driven Dolly mounted barrel fan.
Can be used in industrial or commercial areas.
For indoor use.
Tilts 90° up or down with positive lock tilt control.
Designed with an attractive heavy gauge durable steel barrel and a heavy-duty tubing frame.
With tough rubber tread wheels.
Comes with an automatic belt tensioner.
Units are 115, 60hz, single phase. With single or two speed
Motors are open drip proof, with stationary motor mount.
Motor: Single Speed, Div.1, Class 1, Group D & Class II, Groups F & G.
For maximum air flow these units come with aluminum blades.
Meeting OSHA requirements the HBD Heat Buster has a 10' grounded, 3 conductor cord with molded plug and spiral wound wire guards.
All weights are approximate and may vary slightly.
Hazardous Location units are custom made to order and therefore are non-returnable.

Product Applications of HBD Heat Buster Dolly Mount Barrel Fan

It is used to cool factories, shops, bakeries, loading docks, laundries, gymnasiums, warehouses, aircraft hangars, and virtually any place a high volume of air movement is required. The fans portability allows it to be placed in convenient locations and can be easily put away for storage.

Warranty of HBD Heat Buster Dolly Mount Barrel Fan

Manufacturer's limited warranty in the US: 3 years.
Warranty void if fan is left in rain or snow.
These products are built to order, therefore they are non-returnable or non-refundable.



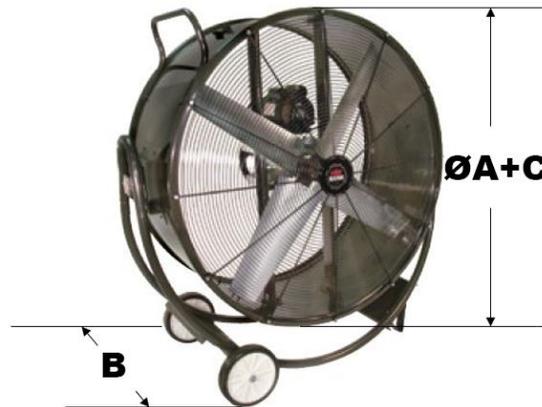


Specific Characteristics of HBD Heat Buster Dolly Mount Barrel Fan

Item #	Manufacturing #	Size Ø (In.)	CFM	Volts V	Amps A	Phases Ph	HP	RPM	Hz	Drive Type	Speed	Weight and Dimensions with Packaging	
												Lbs.	L,W,H In.
USEPP-001	HBD3613HL-U	36	12,100	115	7.5	1	½	500	60	Belt	1	214	29,52,52
USEPP-002	HBD3613HL-X	36	12,100	115	7.5	3	½	500/330	60	Belt	1	210	29,52,52
USEPP-003	HBD3615HL-U	36	14,500	115	14.0	1	1	1725	60	Belt	1	185	29,52,52
USEPP-004	HBD4213HL-U	42	14,445	115	7.5	1	½	500/330	60	Belt	1	234	29,56,56
USEPP-005	HBD4213HL-X	42	14,445	115	7.5	3	½	505	60	Belt	1	222	29,56,56
USEPP-006	HBD4214HL-U	42	16,900	115	13.0	1	¾	475	60	Belt	1	253	29,56,56
USEPP-007	HBD4214HL-X	42	16,900	115	13.0	3	¾	475	60	Belt	1	243	29,56,56
USEPP-008	HBD4815HL-U	48	19,460	115	11.0	1	1	475	60	Belt	1	337	29,60,62
USEPP-009	HBD4815HL-X	48	19,460	115	11.0	3	1	475	60	Belt	1	327	29,60,62

Dimension (In.) of HBD Heat Buster Dolly Mount Barrel Fan

Series	Length A (In.)	Width B (In.)	Height C (In.)
USEPP-001 - 003	27"	50"	50"
USEPP-004 - 007	27"	54"	54"
USEPP-008 & 009	27"	58"	60"





CLASS I: Equipment does not have surface operating temperature in excess of the ignition temperature of the specific gas or vapor.

Application Examples:

- Offshore and land based drilling rigs, petroleum exploration and testing facilities.
- Petroleum refineries, gasoline storage and dispensing areas.
- Industrial firms that use flammable liquids in dip tanks for parts cleaning or other operations.
- Petrochemical companies that manufacture chemicals from gas or oil.
- Dry cleaning facilities where vapors from cleaning fluids may be present.
- Aircraft hangers and fuel servicing areas.
- Utility gas plants and operations involving storage and handling of liquefied petroleum or natural gas.

GROUP C: Atmospheres such as but not limited to acetaldehyde, allyl alcohol, hydrogen sulfide, ethylene, carbon monoxide, or other gases or vapors of equivalent hazard.

GROUP D: Atmospheres such as but not limited to acetone, alcohol, gasoline, lacquer solvent vapors, natural gas, propane or other gases or vapors of equivalent hazard.

CLASS II: Equipment does not have surface temperature greater than the ignition temperature of the specified dust.

Application Examples:

- Coal preparation plants and other carbon handling or processing areas.
- Grain elevators, flour and feed mills.
- Plants which manufacture, use or store Magnesium or Aluminum powders.
- Plants that have chemical or metallurgical processes.
- Producers of starch products or candy.
- Spice grinding plants, sugar plants and cocoa plants.

GROUP E: Atmosphere containing combustible metal dust regardless of resistivity, or other combustible dust of similar hazard characteristics having resistivity of less than 10^5 OHM- centimeter.

GROUP F: Atmosphere containing carbon black, charcoal, coal or coke dust.

GROUP G: Atmospheres containing combustible dust having resistivity of 10^5 OHM- centimeter or greater.

DIVISION I: A location in which ignitable concentrations of flammable material exist under normal operating conditions.

DIVISION II: Locations in which flammable materials will normally be confined within closed containers and escape only in the case of accidental rupture, breakdown or during maintenance operations. Any equipment approved for Division I is automatically also approved for Division II.