

### General Characteristics of CMB Explosion Proof Ceiling Mount Belt Drive Barrel Fan

The CMB Explosion Proof is a belt driven ceiling mounted barrel fan.

Can be used in industrial or commercial areas.

For indoor use.

Overhead yoke mount

Tilts 90° and swivels 360°

Designed with an attractive heavy gauge durable steel barrel and then off with a bronze finish.

Motors supplied are Class I, Div 1, Groups C & D and Class II, Div 1, Groups F & G.

Comes with an automatic belt tensioner.

Units are 115, 60hz, single phase.

Motors are open drip proof but totally enclosed can be quoted.

For maximum air flow these units come with deep pitched blades.

Meeting OSHA requirements the CMB 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.

### Product Applications of CMB Explosion Proof Ceiling Mount Belt Drive Barrel Fan

The "Heat Buster" fans are belt driven, rugged, low-cost air movers. They are the preferred quality Industrial Barrel Fan to spot cool assembly lines, machine shops, bakeries, loading docks, laundries, gymnasiums, auto repair facilities, warehouse. Anywhere a high volume of air movement is required. 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. CAUTION, WARNING: Although this product is supplied with an explosion proof motor and aluminum spark arresting fan blade, it is not intended to convey the suitability of the overall finished product in an explosive atmosphere, but only that the product has been supplied with certain components for this purpose. Wiring must be in accordance with local, state and national codes and be performed by a qualified electrician.

### Warranty of CMB Explosion Proof Ceiling Mount Belt Drive 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.



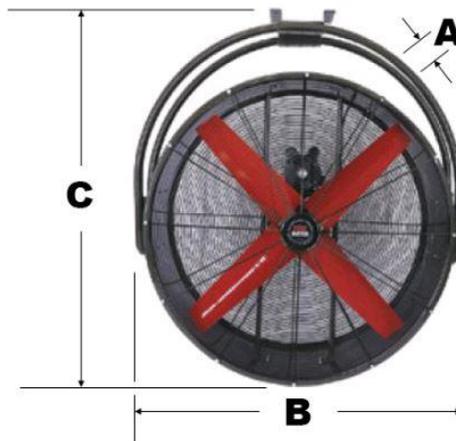


### Specific Characteristics of CMB Explosion Proof Ceiling Mount Belt Drive Barrel Fan

Item #	Manufacturing #	Size Ø (In.)	CFM	Volts V	Amps A	Phases PH	HP	RPM	Hz	Drive Type	Mount Type	Weight and Dimensions with Packaging	
												Lbs.	L,W,H In.
<b>USEHT-001</b>	CMB3613HL-U	36	12,100	115	7.5	1	1/2	500	60	Belt	Ceiling	206	26,46,53
<b>USEHT-002</b>	CMB3613HL-X	36	14,445	115	7.5	3	1/2	500	60	Belt	Ceiling	202	26,46,53
<b>USEHT-003</b>	CMB4213HL-U	42	15,850	115	13.0	1	1/2	505	60	Belt	Ceiling	229	26,53,58
<b>USEHT-004</b>	CMB4213HL-X	42	19,460	115	11.0	3	1/2	475	60	Belt	Ceiling	217	26,53,58
<b>USEHT-005</b>	CMB4214HL-U	42	12,100	115	7.5	1	3/4	500	60	Belt	Ceiling	248	26,53,58
<b>USEHT-006</b>	CMB4214HL-X	42	14,445	115	7.5	3	3/4	500	60	Belt	Ceiling	238	26,53,58
<b>USEHT-007</b>	CMB4815HL-U	48	15,850	115	13.0	1	1	505	60	Belt	Ceiling	332	26,59,65
<b>USEHT-008</b>	CMB4815HL-X	48	19,460	115	11.0	3	1	475	60	Belt	Ceiling	322	26,59,65

### Dimensions (In.) of CMB Explosion Proof Ceiling Mount Belt Drive Barrel Fan

Series	Length A (In.)	Width B (In.)	Height C (In.)
USEHT-001 & 002	24"	44"	51"
USEHT-003 – 006	24"	51"	56"
USEHT-007 & 008	24"	57"	63"





**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.