

**General Characteristics of TPC
 Explosion Proof Portable Barrel Fan**

The TPC is a belt driven top of the line barrel fan. Can be used in industrial or commercial areas. For indoor use. Designed with an attractive heavy-duty tubing steel, wide body barrel. Finished off with a powder coating and a compact easy grip handle. Comes with an automatic belt tensioner. Units are 115, 60hz, single phase. With single or two speed. Motors are totally enclosed, with stationary motor mount and aluminum blades. Motor: Single Speed, Div.1, Class 1, Group D & Class II, Groups F & G. Meeting OSHA requirements the TPC Explosion Proof 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 TPC Explosion
 Proof Portable 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 TPC Explosion Proof
 Portable 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 TPC Explosion Proof Portable Barrel Fan

Item #	Manufacturing #	Size Ø (In.)	CFM	Volts V	Amps A	Phases Ph	HP	RPM	Hz	Drive Type	Motor Type	Weight and Dimensions with Packaging	
												Lbs.	L,W,H In.
USTEO-001	TPC3613HL-U	36	12,100	115	7.6	1	½	500	60	Belt	Enclosed	164	27,42,44
USTEO-002	TPC3613HL-X	36	12,100	115	7.6	3	½	500	60	Belt	Enclosed	154	27,42,44

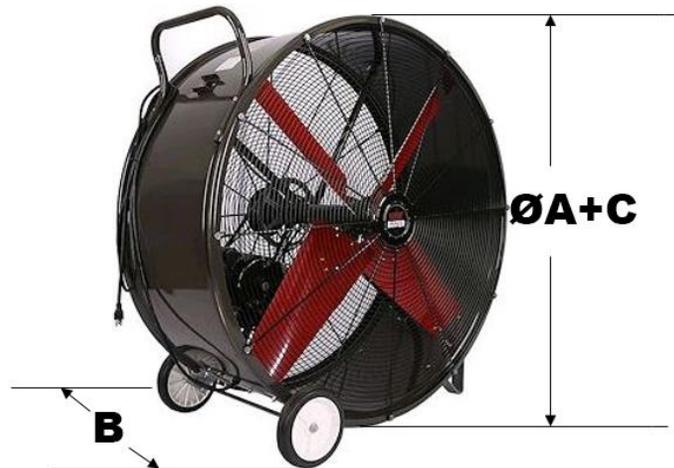


**TPC Explosion Proof
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 Data Sheet

USTEO-003	TPC4213HL-U	42	14,445	115	7.6	1	½	500	60	Belt	Enclosed	170	27,47,49
USTEO-004	TPC4213HL-X	42	14,445	115	7,6	3	½	500	60	Belt	Enclosed	164	27,47,49
USTEO-005	TPC4214HL-U	42	15,850	115	13.0	1	¾	505	60	Belt	Enclosed	175	27,47,49
USTEO-006	TPC4214HL-X	42	15,850	115	13,0	3	¾	505	60	Belt	Enclosed	170	27,47,49
USTEO-007	TPC4215HL-U	42	16,990	115	11,0	1	1	475	60	Belt	Enclosed	220	27,47,49
USTEO-008	TPC4215HL-X	42	16,990	115	11,0	3	1	475	60	Belt	Enclosed	210	27,47,49
USTEO-009	TPC4815HL-U	48	19,460	115	11,0	1	1	475	60	Belt	Enclosed	267	27,52,54
USTEO-010	TPC4815HL-X	48	19,460	115	11,0	3	1	475	60	Belt	Enclosed	257	27,52,54

Dimension (In) of TPC Explosion Proof Portable Barrel Fan

Series	Length A (In.)	Width B (In.)	Height C (In.)
USTEO-001 & 002	25"	40"	42"
USTEO-003 - 008	25"	45"	47"
USTEO-009 & 010	25"	50"	52"





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.