



**General Characteristics of FEP C1-TDP Three Phase Hazardous Location Wall Convectors**

The FEP C1-TDP is designed for rugged industrial applications in hazardous locations where the possibility of explosions or fire exists due the presence of certain flammable gases, vapors, powdered metals or dust.

For Industrial and commercial use.

For indoor heating use only.

Wall mounting bracket is supplied.

Bottom in – Front out air flow.

These units cannot be operated in room ambient exceeding 104°F (40°C).

Made with heavy duty 16 gauge steel with gray epoxy textured powder coated finish.

9" minimum clearance from bottom of heater to floor is required.

Stainless steel cartridge element inserted into aluminum finned copper sheath.

The standard unit (without EPET thermostat or control section) is NEMA 4 rated.

Unit comes with optional control section containing disconnect pilot light, and thermostat.

C1-TDP: Control Section with transformer, 24V contactor, SP thermostat (40°F - 110°F) and disconnect switch (all units).

C1-TDPP: Control section with transformer, 24V contactor, SP thermostat (40°F - 110°F); disconnect switch & pilot light (all units).

Note: Products listed in this section are custom built and subject to 100% cancellation/restocking charge.

This item is ETL-CETL Listed

Made in the U.S.A.



**Product Applications of FEP C1-TDP Three Phase Hazardous Location Wall Convectors**

For use in places such as warehouses, construction sites, petroleum plants, pulp mills, flour mills pump houses or mine sites or where ever the possibility of explosions or fires exist.

Used for industrial and commercial use.

Is and indoor heating product.

**Warranty Industrial of FEP C1-TDP Three Phase Hazardous Location Wall Convectors**

Manufacturer's Warranty: 1 year.

**Specific Characteristic of FEP C1-TDP Three Phase Hazardous Location Wall Convectors**

T-2A Series Three Phase  
 Class 1, Group B, C & D Division 1 & 2 280° C / 536° F

Item #	Manufacturing #	Watts W	BTU's	Volts V	Amperes A	Weight and Dimensions with packaging	
						Lbs.	L,W,H In.
USCTP-001	FEP-1820-3C1-TDP	1800	6143	208	8.7	54	11,41,20
USCTP-002	FEP-1824-3C1-TDP	1800	6143	240	7.5	54	11,41,20
USCTP-003	FEP-1848-3C1-TDP	1800	6143	480	3.8	54	11,41,20
USCTP-004	FEP-3620-3C1-TDP	3600	12286	208	17.3	58	11,41,20
USCTP-005	FEP-3624-3C1-TDP	3600	12286	240	15.0	58	11,41,20
USCTP-006	FEP-3648-3C1-TDP	3600	12286	480	7.5	58	11,41,20
USCTP-007	FEP-3820-3C1-TDP	3800	12969	208	18.3	87	11,65,20



Item #	Manufacturing #	Watts W	BTU's	Volts V	Amperes A	Weight and Dimensions with packaging	
						Lbs.	L,W,H In.
USCTP-008	FEP-3824-3C1-TDP	3800	12969	240	15.8	87	11,65,20
USCTP-009	FEP-3848-3C1-TDP	3800	12969	480	7.9	87	11,65,20
USCTP-010	FEP-7620-3C1-TDP	7600	25938	208	36.5	92	11,65,20
USCTP-011	FEP-7624-3C1-TDP	7600	25938	240	31.7	92	11,65,20
USCTP-012	FEP-7648-3C1-TDP	7600	25938	480	15.8	92	11,65,20

**Specific Characteristic of FEP C1-TDP Three Phase Hazardous Location Wall Convertors**

T-3A Series Three Phase  
 Class 1, Group B, C & D Division 1 & 2 180° C / 356° F

Item #	Manufacturing #	Watts W	BTU's	Volts V	Amperes A	Weight and Dimensions with packaging	
						Lbs.	L,W,H In.
USCTP-013	FEP-0820-3C1-TDP	800	2730	208	3.8	54	11,41,20
USCTP-014	FEP-0824-3C1-TDP	800	2730	240	3.3	54	11,41,20
USCTP-015	FEP-0848-3C1-TDP	800	2730	480	1.7	54	11,41,20
USCTP-016	FEP-1620-3C1-TDP	1600	5460	208	7.7	58	11,41,20
USCTP-017	FEP-1624-3C1-TDP	1600	5460	240	6.7	58	11,41,20
USCTP-018	FEP-1648-3C1-TDP	1600	5460	480	3.3	58	11,41,20
USCTP-019	FEP-1720-3C1-TDP	1700	5802	208	8.2	87	11,65,20
USCTP-020	FEP-1724-3C1-TDP	1700	5802	240	7.1	87	11,65,20
USCTP-021	FEP-1748-3C1-TDP	1700	5802	480	3.5	92	11,65,20
USCTP-022	FEP-3420-3C1-TDP	3400	11604	208	16.3	92	11,65,20
USCTP-023	FEP-3424-3C1-TDP	3400	11604	240	14.2	92	11,65,20
USCTP-024	FEP-3448-3C1-TDP	3400	11604	480	7.1	92	11,65,20

**Dimensions (In.) of FEP C1-TDP Three Phase Hazardous Location Wall Convertors**

T-2A Series Three Phase  
 Class 1, Group B, C & D Division 1 & 2 280° C / 536° F

Series	Length		Width		Height C
	A	B	B	A	
USCTP-001 to 006	9"	39"	39"	18"	
USCTP-007 to 012	9"	63"	63"	18"	

**Dimensions (In.) of FEP C1-TDP Three Phase Hazardous Location Wall Convertors**

T-3A Series Three Phase  
 Class 1, Group B, C & D Division 1 & 2 180° C / 356° F

Series	Length		Width		Height C
	A	B	B	A	
USCTP-013 to 018	9"	39"	39"	18"	
USCTP-019 to 024	9"	63"	63"	18"	





## FEP C1-TDP Three Phase Hazardous Location Wall Connectors

### Ratings Definitions

**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.



**Short Description of FEP C1-TDP Three Phase Hazardous Location Wall Convectors**

Item #	Manufacturing #	Short Description 70 Characters Maximum
USCTP-001	FEP-1812-3C1-TDP	1800W, 6143 BTU's, 120V, 15.0A, T-2A Series, Three Phase, Therm., D/Switch, Pilot light.

**SEO Table of FEP C1-TDP Three Phase Hazardous Location Wall Convectors**

Title
TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors.
Meta Description
TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors Series for Commercial Use, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Industrial Use, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Indoor Use, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Use Where Explosions May Exist, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Use Where Fires May Exist, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Combustible Environment Use, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Hazardous Location Use.
Meta Key Words
TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors Series for Commercial Use, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Industrial Use, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Indoor Use, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Use Where Explosions May Exist, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Use Where Fires May Exist, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Combustible Environment Use, TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors for Hazardous Location Use.
Meta URL (file name)
tpi-fep-c1-tdp-three-phase-hazardous-location-wall-convectors-us-english.htm

**Product Line Description of FEP C1-TDP Three Phase Hazardous Location Wall Convectors**

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<b>Product Description:</b> TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors<br>
<b>Weather Rating:</b> Indoor<br>
<b>Watts:</b> 1800 to 7600W<br>
<b>BTU's:</b> 6143 to 25938BTUs<br>
<b>Voltage:</b> 120, 208,240, 277, 480 or 600V<br>
<b>Amperes:</b> 15.0 to 36.5A<br>
<b>Product Type:</b> TPI FEP C1-TDP Three Phase Hazardous Location Wall Convectors<br>
<b>Usual Delivery Time or Lead Time:</b> 2 to 8 weeks pending<br>
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