

5500 Series Washdown Fan Forced Unit Heater

Product Specifications & Standard Washdown Models

Enclosure and Motor: Element housing shall be 16 gauge 304 or 316 stainless steel shroud. The outlet grill and louver assembly shall be 304/316 stainless steel and rotate for direction of discharge air. The heater shall have a 304/316 stainless steel inlet grill and fan guard. The motor shall be totally enclosed, permanently lubricated and designed to resist moisture and corrosion. The fan blade shall be aluminum with a powder coated epoxy finish.

Element: The heating element shall be 304 or 316 stainless steel tube with 304/316 stainless steel fin material helically attached to the tube for even heat transfer. The element designed with the highest quality nickel-chromium resistance wire embedded in compacted efficient dielectric to ensure proper heat transfer.

Control Panel: The control enclosure shall be non-metallic Nema 4X control panel water-tight and dust-tight. The enclosure and elements are attached to the control panel with stainless steel fasteners. Standard control components are factory mounted and wired with access through control panel door on bottom of heater assembly. A standard door interlock disconnect switch shall be factory mounted and wired for safety.

Controls: All controls shall be factory mounted and wired in Nema 4X panel. Terminal block, 24 Volt transformer, high temperature limits, contactor and fusing if required by NEC are mounted and wired in control panel. A three-position switch (Off-Heat-Fan) shall be mounted on side of control panel for access from outside of panel. A pilot light to indicate power is on for safety shall be located on side of control panel. A wall mounted Nema 4X thermostat is an optional accessory.

Mounting Bracket: A formed 304/316 stainless steel bracket shall be used on 3.3 thru 15 KW units. A cast iron epoxy painted bracket shall be used on 20 thru 48 KW units. Above brackets shall be combination wall/ceiling type. Optional mounting brackets are available.

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs	VOLTS	PH	AMPS	CONTROL VOLTAGE	TEMP RISE °F	AIR THROW	CFM	WT. (LBS)					
07130402	F1F5503T	3.3	11200	208	1	15.9	24	26	20'	400	58					
07130502	F3F5503T			208	3	9.2										
07130602	H1H5503T			240	1	13.7										
07130702	H3H5503T			240	3	7.9										
07130802	G1G5503T			277	1	11.9										
07130902	P3P5503T			480	3	4										
07131102	F1F5505T	5	17100	208	1	24.1		40				20'	400	58		
07131202	F3F5505T			208	3	13.9										
07131302	H1H5505T			240	1	20.8										
07131402	H3H5505T			240	3	12.1										
07131502	G1G5505T			277	1	18.1										
07131602	P3P5505T			480	3	6.1										
07131802	F1F5507T	7.5	25600	208	1	36.1	60	20'	400	58						
07131902	F3F5507T			208	3	20.8										
07132002	H1H5507T			240	1	31.3										
07132102	H3H5507T			240	3	13.1										
07132202	G1G5507T			277	1	27.1										
07132302	P3P5507T			480	3	9.1										
07132502	F1F5510T	10	34130	208	1	47.8	24	45	28'	700	64					
07132602	F3F5510T			208	3	27.7										
07132702	H1H5510T			240	1	41.2										
07132802	H3H5510T			240	3	24.1										
07132902	G1G5510T			277	1	36.1										
07133002	P3P5510T			480	3	12.1										
07133902	F1F5515T	15	51200	208	1	72.1		68				20'	400	58		
07134002	F3F5515T			208	3	41.7										
07134102	H1H5515T			240	1	62.5										
07134202	H3H5515T			240	3	36.1										
07134402	P3P5515T			480	3	18.1										
07134602	F3F5520T			20	68260	208									3	55.6
07134702	H3H5520T	240	3			48.2										
07134802	P3P5520T	480	3			24.1										
07135002	F3F5525T	25	85325			208	3	69.5	56	35'	1400	92				
07135102	H3H5525T					240	3	60.2								
07135202	P3P5525T					480	3	30.1								
07135402	F3F5530T			30	102390	208	3	83.4					68	20'	400	58
07135502	H3H5530T					240	3	72.3								
07135602	P3P5530T					480	3	36.1								
07136002	P3P5540T	40	136520			480	3	48.2	70	42'	1800	126				
07136402	P3P5548T	48	163824			480	3	57.8								

Remote Rain-Tight Thermostat



MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION
05234202	TW155A	1 POLE, 40-110 deg F, 22Amp
05234302	TW255A	2 POLE, 40-110 deg F, 22Amp

- NEMA 4X Construction with Stainless Steel Hardware
- Made in U.S.A. with domestic and foreign components

2000 Series - Line Voltage



Features

- Shadow White or Ivory
- Single pole and double pole
- DP models include positive off
- 22 Amps, 277 Volts AC
- Heat Only / Range: 50-90°F
- Imported to TPI Corporation specifications
- Compliant with RoHS2 Directive (2011/65/EU), that of which includes the application exemptions outlined in Annex III of the directive.

MFG CATALOG NUMBER	MFG MODEL NUMBER	COLOR	DESCRIPTION
05028402	S2022H10AA	Shadow White	Single Pole with leads, 22 Amp
05024302	S2022H10AB	Ivory	
05028502	D2022H10BA	Shadow White	Double pole with leads, 22 Amp
05024402	D2022H10BB	Ivory	
05029102	S2025H10AA	Shadow White	Single Pole with leads, 25 Amp
05029202	D2025H10BA	Shadow White	Double pole with leads, 25 Amp

TW Series



Features

- Single and double pole models
- Wire leads
- Tamper resistant
- Imported to TPI Corporation specifications
- Compliant with RoHS2 Directive (2011/65/EU), that of which includes the application exemptions outlined in Annex III of the directive.

Load Rating

- 22 Amps resistive @ 120 VAC
- 18 Amps resistive @ 277 VAC

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	TEMPERATURE SCALE
05020002	TW145	SP, Beige with Leads	Tamper Resistant / 50-90°F
05020102	TW146	DP, Beige with Leads	Tamper Resistant / 50-90°F

Master Carton: 25 Pcs, 12 lbs. (varies slightly by model), 16" x 14" x 5.5"

Washdown Series



Features

- Single and double pole models
- Rain tight NEMA 4X rating
- Stainless steel hardware
- Coil capillary temperature sensor
- Made in U.S.A. with domestic and foreign components.

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	TEMPERATURE SCALE
05234202	TW155A	SP, Rain tight	40-110°F
05234302	TW255A	DP, Rain tight	40-110°F

22 Amps @ 120/250/277 VAC, 5" x 5" x 3" Case

Industrial Series



Features

- Coil capillary (CKT) models
- Bi-Metal models (KT)
- Rugged steel case
- SPST & SDPT models
- Imported to TPI Corporation specifications
- Compliant with RoHS2 Directive (2011/65/EU), that of which includes the application exemptions outlined in Annex III of the directive. (KT models only)
- Hard wired models rated for 22A resistive @125-250 VAC
- Corded models rated for 13A resistive @125VAC

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	RANGE	CONNECTIONS	SCALE
05340402	CKTD110	SPDT Heat or Cool	40 - 110°F	Wire Leads	F
05340802	KT110	SPST Heat Only	-10 - 100°F	Wire Leads	C & F
05341002	KT121	SPST Heat Only	-10 - 100°F	6' Cord/Plug	C & F
05341702	KTD110	SPDT Heat or Cool	-10 - 100°F	Wire Leads	C & F
05343602	KTO110	SPST Cool Only	-10 - 100°F	Wire Leads	C & F
05342102	KTO121	SPST Cool Only	-10 - 100°F	6' Cord/Plug	C & F

Master Carton: 13.75" x 14" x 9", Qty 9-12, 14lbs.-16lbs. depending on model