

TPI Corporation has been recognized as one of the leading manufactures of electric heating systems since 1954. A privately held company located in Johnson City, TN has over half a million square feet of manufacturing space producing all types of heating systems for the residential, commercial, and industrial markets. The three common brand names for our heating products include:



ELECTRIC BASEBOARD HEATERS

Hydronic Baseboard Series

Features

- Permanent mounted unit, offered in 28" to 96" lengths from 400 to 2000 watts
- Heating elements are immersed in a heat transferring liquid enclosed by a copper tube casing with aluminum fins
- Powder coated 12 ga. heavy duty extruded aluminum housing construction with junction boxes located on each end of the unit
- An automatic thermal linear limit is used along the entire heated length of the unit
- Wire guard extends along the entire outlet area of the baseboard
- Commercial Brown unit has in-built wireway cover running the entire length of the unit
- Field installed accessories include built-in thermostat kits, optional relays and disconnect switch among others
- Available in White or Commercial Brown powder coated finish
- Height - 8.5", Depth - 3"
- Special colors available, consult factory



Model Configuration

Element Volts	Series	Watts	Length	Finish
E = 120	39 = 3900 Series	04 = 400	28	C = Commercial Brown Blank = White
F = 208		06 = 600	36	
H = 240/208		10 = 1000	48	
G = 277		12 = 1250	60	
		15 = 1500	72	
		20 = 2000	96	

Model Example: H3910-48

Convection Baseboard Series

Features

- Permanent mounted unit, offered in 24" to 120" lengths from 375 to 2500 watts
- Available in white or bronze with aluminum or stainless steel heating element and aluminum fins
- Painted 22 gauge steel front housing construction with 20 gauge junction boxes located on each end of the heater. Junction boxes contain quick connect cable clamps and 6" ground lead wires
- Over-temperature thermal limit extends entire length of heated area
- A full length wireway provided along the back of the heater
- Heater can be mounted to the wall by using the key hole knockouts every 4" at the back of the heater
- Optional accessories include; built-in thermostats installed in the junction box, corner & joints sections, relays & receptacle sections, including disconnect switch options
- Height - 6", Depth - 2 1/2"
- High altitude models also available



Model Configuration

Element Volts	Series	Watts		Length		Finish	
E = 120	29 = 2900 Series	03 = 375	05 = 500	24	28	S = Stainless Element (Ivory)	C = Stainless Element (Bronze)
F = 208		06 = 600	07 = 750	36	40		
H = 240/208		10 = 1000	12 = 1250	48	60	SW = Stainless Element (White)	HAW = High Altitude - Aluminum Element (White)
G = 277		15 = 1500	20 = 2000	72	96		
		25 = 2500			120		

Model Example: E2906-036S

ELECTRIC FAN FORCED UNIT HEATERS

Horizontal Fan-Forced Series

Features

- Horizontal discharge suspended fan-forced unit heater
- 18 gauge steel cabinet with powder-coated finish and control compartment with a hinged and latched access door, simplifying wiring installation & maintenance
- Circular copper clad steel element with continuously brazed steel fins formed to match the air delivery pattern of the fan blade
- All units come equipped with automatic reset type limit controls to de-energize the heater should an over-temperature situation occur.
- Totally enclosed, single phase, permanently lubricated, thermally protected motors with unit bearings on 3kW - 10kW models and sleeve bearings on 12.5kW - 48kW models - mounted with rubber insulators to minimize vibration and noise
- Fan assembly enclosed by a heavy gauge, close spaced, chrome plated wire guard
- Louvers are individually adjustable for directional control of airflow and the louver assembly can be repositioned in the field from down airflow to right or left directional airflow
- 20 kW through 48kW units and all 480V have built in 24-volt transformer for low voltage remote thermostat application. 25kW through 48kW models available in 2-stage on special order
- Options include: 24 volt transformer on 3kW to 15kW units to convert from line voltage to low voltage remote thermostat operation (non CA1 models only); Summer fan switch to operate the fan only; Fan Delay Switch to purge all residual heat from the unit after the heating element has cycled off; Disconnect switch; Wall / Ceiling mounting brackets



Model Configuration

Element Volts	Phase	Motor Voltage	Series	Element kW	Control System	Transformer	Control Volts
F = 208	1 = 1-Phase	F = 208	UH = Unit Heater Series	3.3, 5, 7.5, 10, 13, 15, 20, 25, 30, 40, & 48	0 = None	0 = None	1 = 24
H = 240	2 = 1 or 3-Phase	H = 240			C = Contactor	A = Included	2 = 120
HF = 240/208	3 = 3-Phase	B = 240/208			R = Relay		3 = Element Voltage
G = 277		G = 277					4 = 240
P = 480		P = 480					

Model Configuration Example: F1FUH10CA1

Horizontal & Vertical Fan-Forced Series

Features

- Horizontal & Vertical discharge suspended fan-forced unit heater
- 18 gauge steel cabinet with powder-coated finish and control compartment housing and a master terminal board with hinged and latched access door, simplifying wiring installation & maintenance
- Spiral fin steel element with continuously brazed steel fins formed to allow side draw through air discharge
- 3.3 – 50kW units equipped with automatic reset type limit controls to de-energize the heater should an over-temperature situation occur. 60-100kW units come equipped with a manual reset limit
- Totally enclosed, 1-phase, 1-speed (2-speed on 60-100kW models) permanently lubricated, thermally protected motors with unit bearings (ball bearings on 60-100kW models)
- Fan assembly enclosed by a heavy gauge, close spaced, chrome plated wire guard
- Louvers are individually adjustable for directional control of airflow up to 15° from straight horizontal
- Units with model numbers ending in CA1 are factory wired for low voltage controls
- 25kW through 50kW units and are designed for 2-stage, 60-70kW 3-stage; & 80-100 kW 4-stage heating operations
- Options include: Built-in or wall mounted temperature control thermostats, low & line voltage types; Summer fan switch to operate the fan only; Power Disconnect Switch; Wall / Ceiling mounting brackets; Step controller, multiple stage, diffusers, and heat stratification thermostats also available



Model Configuration

Element Volts	Phase	Motor Voltage	Series	Element kW	Control System	Transformer	Control Volts
F = 208	1 = 1-Phase	F = 208	51 = 5100 Series	3.3, 5, 7.5, 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, & 100	Blank = None	Blank = None	1 = 24
H = 240	2 = 1 or 3-Phase	H = 240			C = Contactor	A = Included	2 = 120
HF = 240/208	3 = 3-Phase	B = 240/208					(with CA Option)
G = 277		G = 277					
P = 480		P = 480					

Model Configuration Example: HF3B5115CA1L



3.3 to 50kW Models



60 to 100kW Models

Economical Mid-Size & Low Profile Style Units

Features

- Two Model Series:
 - 3200 Series – Economical Mid-Size
 - 4300 Series – Low Profile Style
- Available in white only (low profile models available in white or ivory)
- Voltage ratings – 120, 208, 240, or 240/208 Volts
- Various wattages – 750 to 2250 watts
- Provides fan forced heat generating 70 CFM's of air volume for rooms, entrance areas, and hallways
- 18 gauge steel grill with powder coated finish (20 gauge for low profile models)
- Enclosed steel finned tubular element design
- Available with or without back cans
- Models available with built-in double pole, single pole or no internal thermostats (range: 50° to 90° F)
- Mounts in a vertical or horizontal operating position, and can be semi-recessed, fully-recessed, or surface mounted
- Additional accessories are also available



Mid-Size Economical Style



Low Profile Style



Model Specifications

Style Series	Model Series	Min. Watts	Max. Watts	Rough-In Dimensions (in.)			Grill Dimensions (in.)		
				Length	Height	Depth	Length	Height	Depth
Mid-Size	3200-Series	750	2250	9-1/4	12-1/8	3-5/8	9-25/32	13	1/2
Low Profile	4300-Series	750	2000	14-1/2	7-1/8	3-1/2	16-3/4	7-5/8	1/2

Fan-Forced Wall Heater Series

Features

- Model Series available with or without Summer Fan Switch control device
- Available in white or ivory
- Voltage Ratings – 120, 208, 240, or 277 Volts
- Various Wattages – 750 to 4800 watts
- Provides fan forced heat generating 175 CFM's of air volume for small & large rooms, entrance areas, and hallways
- 18 gauge steel grill with powder coated finish
- Block finned steel element design
- Summer fan switch will circulate unheated air in the summer months
- Models available with Built-In Double Pole, Single Pole or with no internal thermostats (range: 50 to 90° F)
- Mounts in a vertical or horizontal operating position, and can be semi-recessed, fully-recessed, or surface mounted
- Additional accessories are also available



Model Specifications

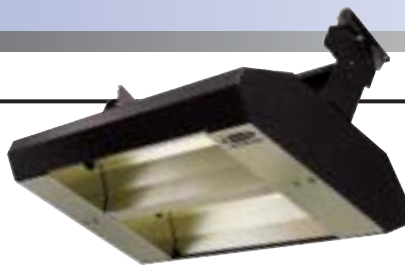
Style Series	Model Series	Min. Watts	Max. Watts	Rough-In Dimensions (in.)			Grill Dimensions (in.)		
				Length	Height	Depth	Length	Height	Depth
Large Area	3310-Series	750	4800	14-3/16	19-15/16	4	15-3/8	20-9/64	1/2

Electric Infrared Comfort Heaters

Mul-T-Mount Quartz Lamp Heaters

Features

- UL/C-UL Listed for suspended, totally exposed (outdoor), high bay (indoor) comfort heating and exterior snow/ice control applications
- UL/C-UL Listed for recessed applications
- 20 gauge painted galvanized steel or stainless steel housings
- Gold anodized aluminum reflectors and end caps
- Built-in surface mounting bracket allows for fixture adjustment up to 45° horizontal tilt
- 2 or 3 clear quartz lamp heating elements included with each heater
- 2 Lamp units, single-phase (Multiples of 3 units can be wired at three-phase - consult factory for three-phase wiring)
- 3 Lamp units, three or single-phase
- Vertical Mounting Bracket (Model VMB-41-SS) allow units to mount 36" from a vertical surface to the center of the heater
- Recess Mounting Frames (RMF-Series) Mul-T-Mounts are UL/C-UL Listed for recessed applications such as outdoors canopies or interior ceilings
- Wire Guards (CHWG-Series) options are available for all 2 & 3-Lamp units
- Snow & Ice Control Systems also available



Model Configuration

Style Series	Reflector Pattern	Tab Hinge	Material	Voltage
222	30	TH	BLANK =	208V
(*) 223	60		BROWN	240V
342	90			277V
(*) 343	A30		SS = STAINLESS	480V
462	A60		STEEL	
(*) 463				

Model Configuration Example: 222-A30-THSS-208V

Model Specifications

Style Series	Dimensions (in.)	# of Elements	Available Voltages	kW
222	24"x15"x7-7/8"	2	208, 240, 277 & 480	3.2
223	24"x21-1/2"x7-7/8"	3	208, 240, 277 & 480	4.8
342	33"x15"x7-7/8"	2	208, 240, 277 & 480	5
343	33"x21-1/2"x7-7/8"	3	208, 240, 277 & 480	7.5
462	46"x15"x7-7/8"	2	480	7.3
463	46"x21-1/2"x7-7/8"	3	480	10.95

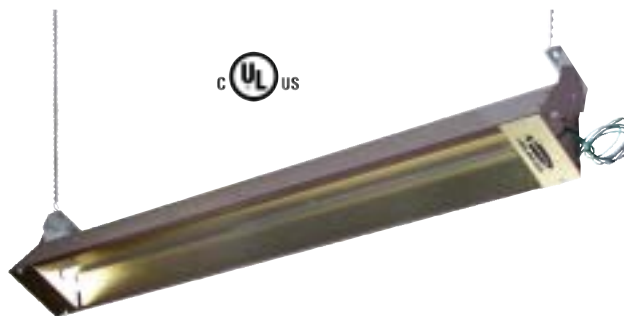
(*) 3-Lamp models offered in Stainless Steel Material Only
NOTE: 462/463 Series offered in 480-volts Only



Quartz Tube Spot Heaters

Features

- Two model series:
 - High-temp brown powder coated finish
 - Corrosion resistant stainless steel 24-gauge housing
- UL/C-UL listed for suspended, totally exposed (outdoor), and indoor spot heating applications
- Frosted Quartz Tube heating element (included)
- 60° Symmetric heat pattern
- Gold anodized aluminum reflector and end caps
- Painted Brown models are direct wire and include (3) 24" long lead wires for field connections in a remote enclosure (not supplied). Optional electrical box enclosure is available for this series to allow for direct wire connection to the end of the heater housing
- Stainless steel models include an electrical enclosure assembled to the end of the heater housing and (2) 6" long lead wires for direct field connection
- Two 2' long mounting chains and four S-Hooks included
- Heater size: 46" & 57" long, 5.4" wide, 6.5" high
- The OCH-Series can be surfaced mounted using the supplied mounting brackets, which allow up to a 45° horizontal tilt adjustments



Model Numbers

FINISH - BROWN	FINISH - STAINLESS STEEL	WATTS	VOLTS
OCH-46-120V	OCH-46-120V-SS	1500	120
OCH-46-208V	OCH-46-208V-SS	2000	208
OCH-46-240V	OCH-46-240V-SS	2000	240
OCH-46-277V	OCH-46-277V-SS	2000	277
OCH-57-208V	OCH-57-208V-SS	3000	208
OCH-57-240V	OCH-57-240V-SS	3000	240
OCH-57-277V	OCH-57-277V-SS	3000	277
OCH-57-480V	OCH-57-480V-SS	2250	480

