

# ELECTRIC, HORIZONTAL DELIVERY UNIT HEATERS

- Horizontal Delivery Models • Low Installation Cost and Maintenance • Model HER Available in 7 Sizes from 5kW through 25kW • Factory Assembled and Wired for Specific Power Supply Ordered • High-Capacity Unit with Horizontal Air Delivery • High Air Velocity Model PTE Available in 3 Sizes from 15kW through 50 kW
- Model PTE Offered in Single and Two-Stage Controls



**MODEL HER**



**MODEL PTE**

Modine horizontal electric unit heaters provide a wide variety of options in solving comfort-heating problems. Each is designed for long heat-throw, uniform heat-delivery, and reduced maintenance. The two types offered are:

- **Horizontal Delivery Units (Model HER)** – Recommended for use in buildings where ceilings are low and with few obstructions. Units are normally placed around the perimeter of the building so that the air stream from each heater “wipes” the wall to produce a blanket of warm air along walls where heat loss is greatest.
- **Power-Throw™ High Velocity Horizontal Delivery Units (Model PTE)** – Recommended where there is a requirement for heat throw greater than can be provided by standard horizontal delivery models. For hard-to-heat areas, such as frequently opened loading dock doors or large warehouses, Power-Throw™ units are an ideal choice. A single Power-Throw™ unit can often replace as many as three smaller horizontal delivery units, reducing equipment, installation, and maintenance costs.

Standard features include:

- Completely factory assembled and wired for specific power supply ordered.
- Finned-tube sheathed nichrome wire heating elements.
- Totally enclosed motor with thermal-overload protection.
- Fans are statically and dynamically balanced.
- Fan and motor assemblies are exposed and can be removed without lowering the unit heater.
- The unit casing is treated for protection against corrosion prior to the application of the attractive gray-green, baked-on polyester powder coat paint finish.
- Horizontal air deflector blades are standard (vertical deflector blades available).
- Terminal and junction boxes provide easy access to heating-element terminals, an overheat control switch, and the power supply and control connections.
- An automatic reset overheat control.
- Hinged bottom panels for easy control access.

## Performance Data

Model	Heating Capacity		Air Delivery Data					Electrical Rating (Volts/Hz/Ph)
	kW	Btu/Hr	CFM	Outlet Velocity (FPM)	Temp. Rise (°F) ①	Max. Mounting Height (Ft.) ②	Heat Throw (Ft.) ②	
HER50	5.0	17,100	530	420	30	8	14	208/60/1 240/60/1 208/60/3 240/60/3 480/60/3
HER75	7.5	25,600	530	430	45	8	14	
HER100	10.0	34,100	830	670	38	9	20	
HER125	12.5	42,700	830	670	38	10	20	208/60/3 240/60/3 480/60/3
HER150	15.0	51,200	830	690	57	10	20	
HER200	20.0	68,300	1300	760	49	11	25	
HER250	25.0	85,400	1300	780	61	11	25	480/60/3
PTE300	30.0	102,000	2575	1240	40	17	75	
PTE400	40.0	137,000	2575	1240	54	15	60	
PTE500	50.0	171,000	2575	1240	70	14	45	

① With 70°F ambient air.

② With air deflector blades pitched 45° toward the floor. Mounting height is measured from floor to bottom of unit.



Request Catalog 2-116 For Complete Technical Information and Specifications.