

COMMERCIAL SOLUTIONS



GAS-FIRED UNIT HEATERS FOR YOUR SPACE AND YOUR BOTTOM LINE

PDP | PTP | PTC





UNIT OPTIONS COMPARISON	Good	Better	Best
	PDP	PTP	PTC
Available Model Sizes (Btu/hr)	7 sizes from 150,000 to 400,000	7 sizes from 150,000 to 400,000	10 separated combustion sizes from 55,000 to 310,000
Thermal Efficiency	83%	82%	93%-97%
100% Shut-Off Intermittent Pilot-Ignition System with Continuous Retry	✓	✓	✓
Uses Natural Gas or Propane (Field Convertible From Natural Gas to Propane)	✓	✓	✓ Plus external gas connections
Tubular Heat Exchanger with In-Shot Burner on Each Exchanger Tube for Reliable Performance & Ease of Service	–	✓	✓
Stainless Steel Heat Exchanger Extends the Life of the Product	–	✓	✓
Designed to Utilize the Smallest Diameter Vent Pipe Possible	✓	✓	–
Permanently-Lubricated Motor	✓	✓	✓
10-Year Heat Exchanger Warranty	✓	✓	Full 10-year warranty on both heat exchangers
In-Cabinet Controls Protection	–	Power exhauster and controls mounted inside the cabinet for protection from moisture and dust	Sealed compartment protects the combination gas valve, ignition control, manifold and burner from environment
Contractor Convenience Package	–	–	Includes diagnostic LEDs, disconnect switch and condensate pump outlet
Energy-Saver Controls	–	–	Controls automatically engage and disengage gas controls as temperature increase and decreases

VERTICAL POWER VENTED

Modine's PDP power vented unit heaters are inexpensive to install, easy to use, and offer excellent in-service economy.



PDP

HORIZONTAL POWER VENTED

The PTP was specifically designed with the customer in mind to provide high value at a reasonable cost. The PTP delivers 82% thermal efficiency in a robust package of design features.



PTP

HIGH-EFFICIENCY

The Effinity® unit heater (PTC) line is the most efficient gas-fired commercial unit heater in North America. Offering up to 97% efficiency is a result of the coupling of our exclusive Conservicore secondary heat exchanger technology with our robust tubular primary heat exchanger design.

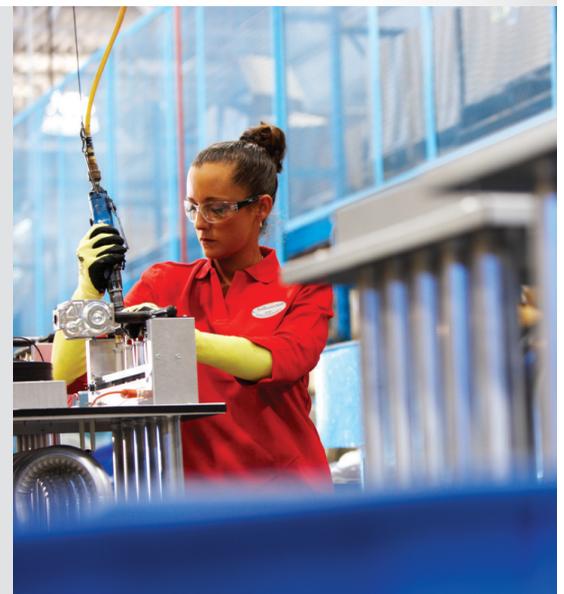


PTC



FAN GUARDS AND BLOWERS

All Modine gas-fired unit heaters can be equipped with an optional finger-proof fan guard for operation at low mounting heights. Blowers are also available. Blower units are designed for both heating and ventilating and can be used in a variety of ways for both commercial and greenhouse markets.



PROPELLER UNIT MODEL PDP PERFORMANCE DATA ① ②

Model	Model Size	Btu/hr Input ①	Btu/hr Output ①	Maximum Mounting Height (ft.) ②	Heat Throw (ft.) ②
PDP	150	150,000	124,500	16	55
	175	175,000	145,250	17	59
	200	200,000	166,000	15	51
	250	250,000	207,500	19	67
	300	300,000	249,000	21	74
	350	350,000	290,500	20	70
	400	400,000	332,000	19	69

PROPELLER UNIT MODEL PTP PERFORMANCE DATA ① ②

Model	Model Size	Btu/hr Input ①	Btu/hr Output ①	Maximum Mounting Height (ft.) ②	Heat Throw (ft.) ②
PTP	150	150,000	123,000	15	51
	175	175,000	143,500	14	50
	200	200,000	164,000	15	53
	250	250,000	205,000	18	62
	300	300,000	246,000	19	69
	350	350,000	287,000	18	65
	400	400,000	328,000	21	74

HIGH-EFFICIENCY MODEL PTC (EFFINITY®) PERFORMANCE DATA ① ② ③

Model	Model Size	Btu/hr Input ①	Btu/hr Output ①	Condensate Production (Gal/hr)	CFM Range ②	Temperature Rise (°F)	Maximum Mounting Height (ft.) ②	Heat Throw (ft.) ②
PTC	55	55,000	51,150	0.3	1,097	43	12	43
	65	65,000	60,450	0.4	1,141	49	12	43
	85	80,000	79,050	0.5	1,650	44	13	48
	110	110,000	102,300	0.7	1,750	54	13	46
	135	135,000	125,550	1.0	2,160	54	14	51
	155	155,000	144,150	1.1	2,600	51	18	62
	180	180,000	167,400	1.3	3,020	51	15	53
	215 ③	215,000	199,950	1.6	3,865	48	17	60
	260 ③	260,000	241,800	1.9	4,585	49	20	70
	310 ③	310,000	288,300	2.3	5,400	49	19	67

① Ratings are shown for elevations up to 2,000 feet. For elevations above 2,000 feet, ratings should be reduced at the rate of 4% for each 1,000 feet above sea level (In Canada, see rating plate). Reduction of ratings requires use of a high-altitude kit.

② Data taken at 65°F ambient and unit fired at full-rated input. Mounting height as measured from bottom of unit, and without deflector hoods.

③ Corresponding blower models available.

Do Not Locate ANY Gas-Fired Unit in Areas with Chlorinated, Halogenated or Acidic Vapors in Atmosphere.



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