



Effinity<sup>93</sup>  
with Conservicore™ Technology



## **Modine's 93% Efficient Condensing Unit Heater Is The Highest Efficiency Unit Heater In North America!**

**Feature:** Six models available sized 135,000 to 310,000 BTUH

**Benefit:** Great flexibility covers a wide range of applications.

**Feature:** 93% efficiency for **ALL** models

**Benefits:** Smaller carbon footprint, quicker payback and improved ROI.

**Feature:** Corrosion resistant "Conservicore" secondary heat exchanger is made from AL29-4C, the most robust material for condensing gas fired equipment...the industry standard.

**Benefit:** Will outlast aluminum secondary heat exchangers on competing condensing unit heaters

**Feature:** Standard contractor convenience package includes a service outlet for a condensate pump, operational status lights, convenient junction box for power connections and external low voltage terminals for t-stat connections

**Benefits:** Easier installation, connectivity and troubleshooting

**Feature:** Low weight and small footprint that falls within the dimensions of equivalent output, standard efficiency unit heaters (same footprint as PTS)

**Benefit:** Makes new installations and direct replacements in tight spots easier to accomplish

**Feature:** Vents with 3" and 4" PVC

**Benefits:** Smaller vent sizes save money on installation costs. For atmospheric unit replacements, existing venting can be used as a chase.

**Feature:** Eligible for utility rebates in select areas

**Benefit:** Coupled with competitive pricing and high efficiency fuel savings, investing in Effinity 93 units will pay off in a short period of time



See why the Effinity is not only North America's most efficient condensing unit heater, but the best condensing unit heater...period.

FEATURE	MODINE	THE COMPETITION	MODINE BENEFIT
<b>Unit Sizes</b>	6 Sizes: 135MBH to 310MBH INPUT	4 Sizes: 135MBH to 310MBH INPUT	More sizes result in greater flexibility to match application.
<b>Thermal Efficiency</b>	93% minimum for ALL model sizes	91% to 93% range	Higher average efficiency, smaller carbon footprint, quicker payback, and improved ROI.
<b>Venting Arrangements</b>	2-Pipe or concentric	Concentric only	More venting choices / flexibility.
<b>Secondary HX</b>	AL29-4C Stainless Steel	Aluminum	AL29-4C is the most robust material to handle the condensate; industry standard in condensing gas fired equipment.
<b>Burners</b>	Individual in-shot burners firing each tube.	Single in-shot burner	Improved combustion control, reliable performance, and quieter burner flame ignition and extinction.
<b>Fan Motor</b>	Totally Enclosed (TE)	Open (TE optional)	Improved durability in dirty or harsh environments - STANDARD
<b>Footprint</b>	Smaller footprint		Frees up more room for the building occupant which means more \$ in their pocket.
<b>Size in Volume</b>	Smaller package in terms of cubic Ft. than competition. Same size as current PTS units.		Less space required for installation, more compact resulting in reduced shipping / handling costs.

	Model PTC Sizes					
	135	155	180	215	260	310
<b>Btu/Hr Input ①</b>	135,000	155,000	180,000	215,000	260,000	310,000
<b>Btu/Hr Output ①</b>	125,550	144,150	167,400	199,950	241,800	288,300
<b>Entering Airflow (CFM) @ 70°F ②</b>	2160	2510	3020	3865	4585	5400
<b>Outlet Velocity (FPM) ②</b>	719	835	676	699	831	765
<b>Air Temp. Rise (°F)</b>	54	53	51	48	49	49
<b>Max. Mounting Height (Ft.) ②</b>	14	17	15	17	20	19
<b>Heat Throw (Ft.) @ Max Mtg Ht</b>	51	59	53	60	70	67
<b>Motor Type ③</b>	PSC	PSC	PSC	PSC	PSC	PSC
<b>Motor HP</b>	1/3	1/3	1/3	1/2	3/4	3/4
<b>Motor RPM</b>	1075	1075	1075	1075	1125	1125

① Ratings shown are for elevations up to 2,000 ft. 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 All motors used are produced, rated and tested by reputable manufacturers in accordance with NEMA standards and carry the standard warranty of both the motor manufacturer and Modine. All motors are totally enclosed and all single phase motors have built-in thermal overload protection.