

Tubular Heat Exchanger Power Vented Unit Heaters, 30-125MBH

For residential, commercial or industrial applications that require a low profile unit, Modine offers the Hot Dawg®. Capable of being installed just one inch below the ceiling, the superior quality of the Hot Dawg makes it a preferred choice for a variety of applications, including garages and workshops.

Power Vented Unit Heater, 150-400MBH

For commercial or industrial applications that require higher input ratings, the PDP/BDP is available in ratings that range from 150,000 to 400,000 Btu/Hr in either natural or propane gas.

Figure 2.1 - Hot Dawg Propeller Unit Heater

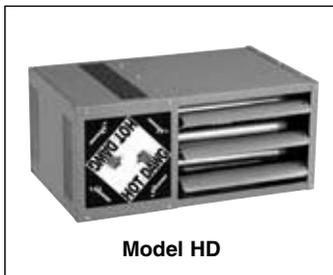


Figure 2.2 - Hot Dawg Blower Unit Heater



Figure 2.3 - Propeller Unit Heater



Figure 2.4 - Blower Unit Heater

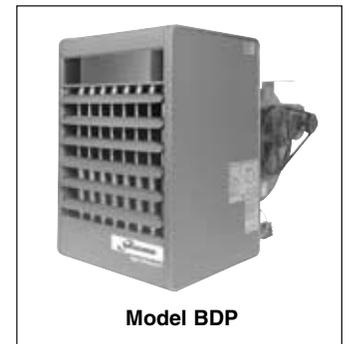


Table 3.1 - Standard Features and Factory Options ①

	Feature	Model			
		HD	HDB	PDP	BDP
Cabinet and Air Mover	Aluminized steel cabinet (gauge indicated)	22 ga.	22 ga.	20 ga.	20 ga.
	Low profile casing design	•	•		
	Baked-on polyester powder paint for durability and corrosion resistance	•	•	•	•
	Adjustable air-deflector blades	•	•	•	•
	Fans engineered for quiet operation	•	•	•	•
	Totally enclosed fan/blower motors	•	•	•	•
	Fingerproof fan guard (optional on PDP units)	•	•	•	•
	Two L-shaped mounting brackets	•	•		
	Adjustable mounting brackets for level hanging			•	•
	Hinged tool-less bottom pan entry			•	•
	Multi-tap 3-speed motors, certified to 0.8" W.C. external static pressure		•		
	Adjustable motor sheaves, certified to 0.5" W.C. external static pressure				•
Heat Exchanger and Burner	80% thermally efficient	•	•	•	•
	Aluminized steel heat exchanger (409 stainless steel optional)	•	•	•	•
	Tubular heat exchanger	•	•		
	In-shot burner for increased serviceability	•	•		
	Aluminized steel burner (409 stainless steel optional)			•	•
Controls	CSA certification for commercial and industrial use in the US and Canada	•	•	•	•
	CSA certification for residential use in the US and Canada	•	•		
	Factory-installed power exhauster	•	•	•	•
	Controls for natural gas (propane optional)	•	•	•	•
	Single stage gas controls (two stage and mechanical modulation optional)	•	•	•	•
	High limit safety control	•	•	•	•
	Differential pressure switch for proof of venting	•	•	•	•
	Flame roll-out safety switch	•	•		
	Direct spark ignition with continuous retry control system	•	•		
	Intermittent pilot ignition with continuous retry control system			•	•
	Control terminal board and low voltage terminal connections	•	•	•	•
	Gas control step down transformer with 24V gas controls	•	•	•	•
	Fan delay timer	•	•	•	•

① See page 13 for Field Installed Accessories