

## Separated Combustion 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.

## Separated Combustion Unit Heaters, 150-400MBH

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

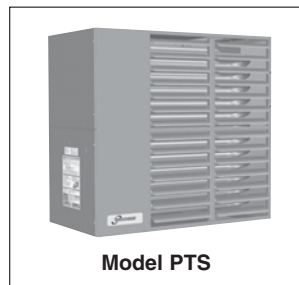
**Figure 3.1 - Hot Dawg Propeller Unit Heater**



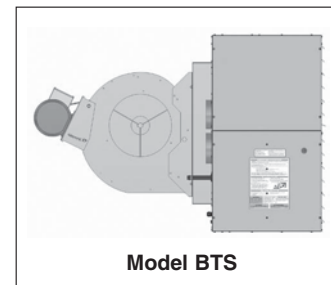
**Figure 3.2 - Hot Dawg Blower Unit Heater**



**Figure 3.3 Propeller Unit Heater**



**Figure 3.4 Blower Unit Heater**



**Table 3.1 - Standard Features and Factory Options ①**

	Feature	Model			
		HDS	HDC	PTS	BTS
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 for maximum durability	•	•	•	•
	Fingerproof fan guard (optional on PTS units)	•	•	•	•
	Two L-shaped mounting brackets	•	•		
	Multi-tap 3-speed motors, certified to 0.8" W.C. external static pressure		•		
	Adjustable motor sheaves, certified to 0.7" W.C. external static pressure				•
Heat Exchanger and Burner	80% thermally efficient	•	•	•	•
	Aluminized steel heat exchanger (409 stainless steel optional)	•	•	•	•
	Tubular heat exchanger for superior durability	•	•	•	•
	In-shot burner on each heat exchanger tube for reliable performance, ease of serviceability and low sound level on flame ignition/extinction	•	•	•	•
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 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	•	•	•	•
	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