

HEATING SOLUTIONS



HOT  DAWG™

GARAGE, WORKSPACE AND OUTBUILDING HEATERS

YEAR-ROUND COMFORT TO WORK, PLAY AND RELAX



HOT DAWG™ POWER-EXHAUSTED, GAS-FIRED UNIT HEATER (MODEL HD)

- Quiet operation allows your space to be warm without the distraction of a loud machine running in the background
- Unit can easily be rotated to allow for convenient right or left side control placement**
- Fuel type: Natural or propane gas
- Low-profile, lightweight design easily installs 1" from ceiling with only two angle brackets*
- Casing construction made of heavy gauge metal
- Full 10-year warranty on heat exchanger
- Permanently-lubricated motor for maintenance-free dependability
- Single- or two-stage controls available
- Direct spark ignition for reliable and consistent ignition
- 100% shut-off with continuous retry to allow for safe ignition in the event the unit doesn't light on the first try
- Factory installed finger proof fan guards
- Blower models (HDB) available

* Included on sizes 30-75, accessory for 100, 125
** For model sizes 30-75



HOT DAWG™ SEPARATED COMBUSTION GAS-FIRED UNIT HEATER (MODEL HDS)

Experience the same great features as the HD, with these added benefits:

- Blower models (HDB) available
- Draws fresh air from outside, ensuring dust, dirt or fumes do not affect durability or performance
- Factory assembled, certified separated combustion. No add-ons needed allow for an easier and quicker installation providing greater durability and reduced maintenance



HOT DAWG™ H₂O LOW PROFILE HOT WATER UNIT HEATER (MODEL HHD)

- Low-profile design with flexible mounting options (parallel, perpendicular or recessed between joists) allows for horizontal or vertical air delivery
- No external moving parts - twin centrifugal blowers keep all moving parts inside the cabinet
- Side panel air inlet opening have factory installed finger guards
- Constructed of heavy gauge steel for long lasting durability
- Includes two mounting brackets with vibration isolators to reduce noise and vibration
- Internal coil can handle water pressures up to 150 PSI and temperatures up to 200°F

Hot Dawg H₂O Applications*

| Model Sizes | Airflow (CFM) | GPM | 140° F BTU/hr | 180° F BTU/hr | Application |
|---------------------|---------------|-----|---------------|---------------|-------------------|
| HHD 30 | 405 | 2 | 20,600 | 30,900 | 1 to 2 car garage |
| | 405 | 4 | 24,200 | 36,300 | |
| HHD 45 (high speed) | 710 | 2 | 29,900 | 44,800 | 2 to 3 car garage |
| | 710 | 4 | 35,100 | 52,700 | |
| HHD 45 (low speed) | 425 | 2 | 20,700 | 31,100 | 2 to 3 car garage |
| | 425 | 4 | 24,400 | 36,600 | |

* Sizing data for sample only. Consult a qualified installer for the actual requirements for your building.

Dimensions (inches) - Model HD/HDS

| Model Size | 30 | 45 | 60 | 75 | 100/125 |
|--------------------------------|------|------|------|---------|---------|
| A (length) | 26.8 | 26.8 | 26.8 | 26.8 | 35.5 |
| B (height) | 12.2 | 12.2 | 18.0 | 18.0 | 20.5 |
| C (depth) | 22.0 | 22.0 | 25.0 | 25.0 | 31.0 |
| Gas Connection | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| Vent Connection | 3 | 3 | 3 | 3" / 4" | 3" / 4" |
| Approx. Shipping Weight (lbs.) | 55 | 60 | 80 | 85 | 125 |

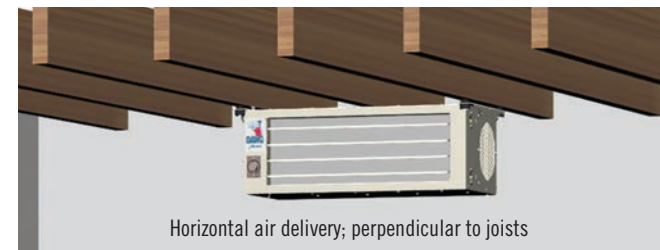
* HD30, HD45, HD60, HD75
** HD100, D125

Clearances for Residentially-Certified Unit Heaters

| Unit Side | Clearance To Combustible Materials | Recommended Service Clearance |
|-----------------|------------------------------------|-------------------------------|
| Top and Bottom | 1" | 18" |
| Access Side | 1" | 18" |
| Non-Access Side | 1" | 18" |
| Rear | 18" | 18" |
| Vent Connector | 3" / 4"*** | — |

* HD30, HD45, HD60, HD75
** HD100, D125

Hot Dawg H₂O Mounting Flexibility



Performance Data - Model HD/HDS

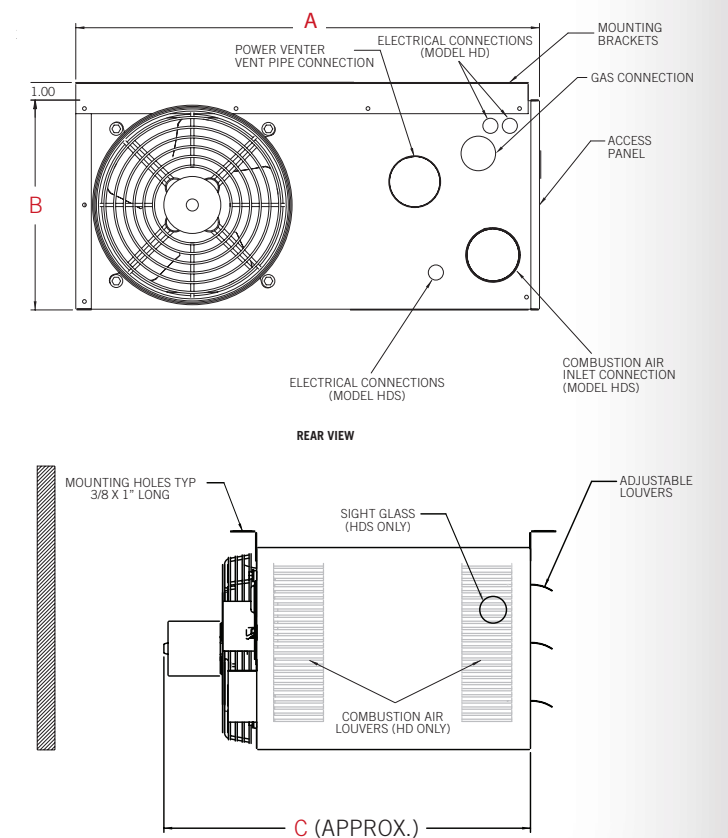
| Model Size | 30 | 45 | 60 | 75 | 100 | 125 |
|-----------------------------|--------|--------|--------|--------|---------|---------|
| BTU/Hr Input* | 30,000 | 45,000 | 60,000 | 75,000 | 100,000 | 125,000 |
| BTU/Hr Output* | 24,600 | 36,900 | 49,200 | 61,500 | 82,000 | 102,500 |
| Entering Airflow (CFM)** | 505 | 720 | 990 | 1,160 | 1,490 | 1,980 |
| Outlet Velocity (FPM)** | 523 | 725 | 653 | 769 | 565 | 747 |
| Air Temp. Rise (°F) | 44 | 46 | 45 | 48 | 50 | 47 |
| Mounting Height (Max ft.)** | 10 | 10 | 12 | 14 | 12 | 16 |
| Heat Throw (ft.) | 25 | 27 | 36 | 38 | 42 | 56 |

* Measured at distance from unit shown.
** Competitor published data.

Hot Dawg Applications*

| Model | BTU/Hr Input | Typical Application |
|---------------------|----------------|-----------------------|
| HD/HDS 30 | 30,000 | 1 to 1-1/2 Car Garage |
| HD/HDS 45 | 45,000 | 2 to 2-1/2 Car Garage |
| HD/HDS 60 | 60,000 | 3 to 3-1/2 Car Garage |
| HD/HDS 75, 100, 125 | 75,000-125,000 | Large Garage |

* Sizing data for sample only. Consult a qualified installer for the actual requirements for your building.



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 rating requires use of a high altitude kit.

Data taken at 55°F air temperature rise. At 65°F ambient and unit fired at full-rated input. Mounting height as measured from bottom of unit, and without deflector hoods.



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