



# US GLOBAL RESOURCES

SUPPLIER OF HORTICULTURAL & AGRICULTURAL PRODUCTS & EQUIPMENT  
OVER 80 YEARS OF SERVICE TO A GROWING WORLD



## 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™ H<sub>2</sub>O 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 H<sub>2</sub>O Applications\*

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

\* 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 7/4" | 3 7/4"  |
| Approx. Shipping Weight (lbs.) | 55   | 60   | 80   | 85     | 125     |

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

### 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.

### 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" ***                      | —                             |

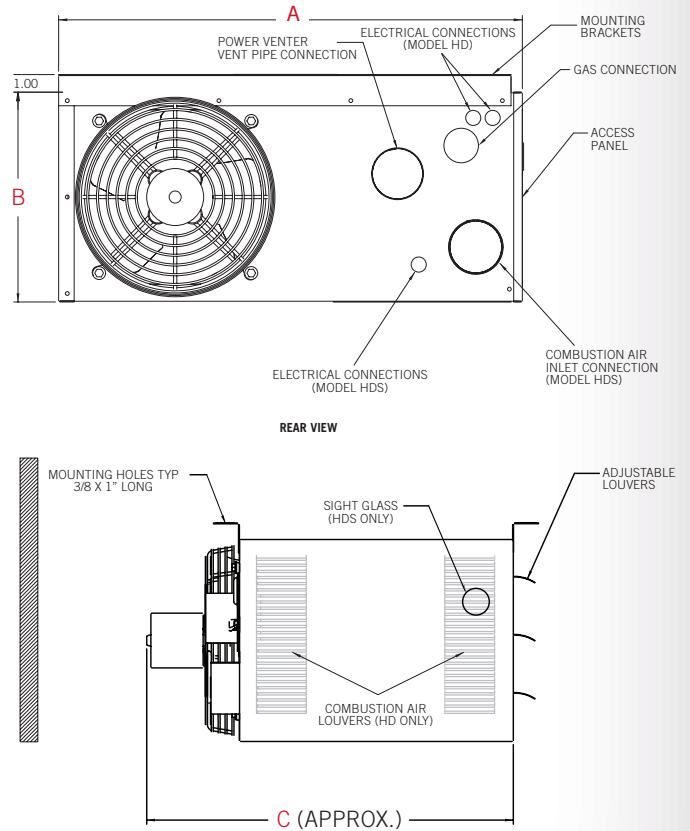
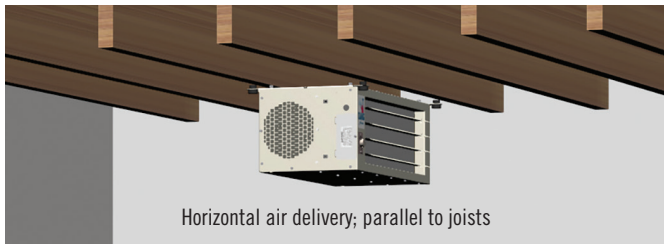
\* HD30, HD45, HD60, HD75  
 \*\* HD100, D125

### Hot Dawg 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.

### Hot Dawg H<sub>2</sub>O Mounting Flexibility



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.



***MODINE HEATING SOLUTIONS***

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