



**Work In Shirt-Sleeve
Comfort When It's
Doggone Cold.**





**Bring Heat
To Your Pet
Projects.**



Low-Profile, Gas-Fired
Residential Garage Heaters.





Hot Dawg® – Chasing Away The Cold In Any Space, New Or Old.

Set the thermostat and get set for comfort.



Installs quickly and easily (only 1" from the ceiling) in any garage or out building.

Pamper your pride and joy in anytime warmth and comfort.

It's snow problem to race from cold to comfort.

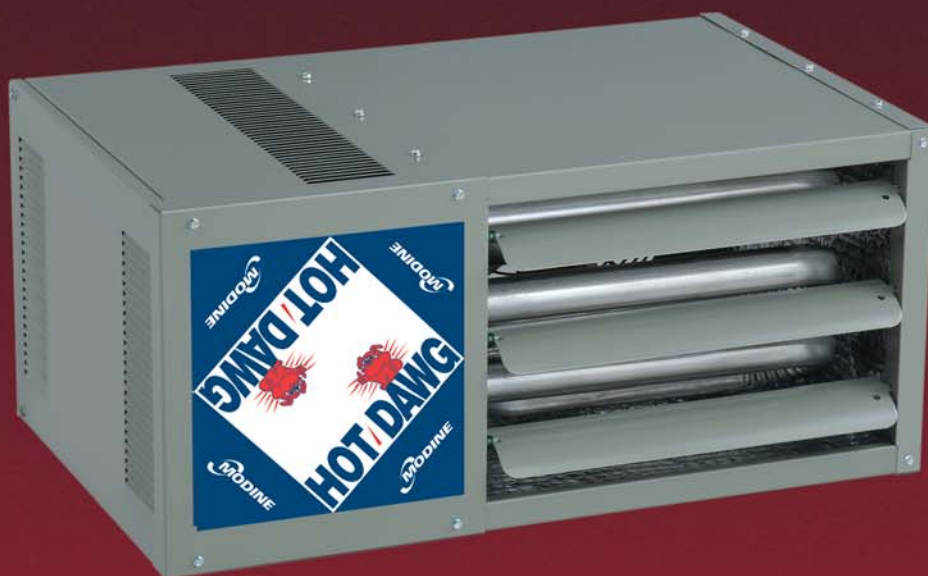
Handle winter woodworking with warm hands.

Year-round growing without going through a lot of greenbacks.

Loading or unloading is always better when it's always warm.



Hot Dawg® – Leading The Pack In Compact Unit-Heater Versatility, Performance And Value.



Hot Dawg® Model HD power-exhausted, gas-fired unit heater.

- Hush-puppy quiet operation.
- Uses natural or propane gas.
- Certified for residential, commercial and industrial use.
- Low-profile design and neutral color to blend in with decor.
- Lightweight, easily installs 1" from ceiling with only 2 angle brackets (included).
- Install quickly and easily with field wiring connections and knockouts for quick access to gas and electricity.
- Standard power exhaust simplifies side-wall or roof venting with small-diameter vent pipe.
- Versatile design allows for right or left hand controls and installation. Gas, electrical and flue connections can be changed from one side to the other by simply flipping the Hot Dawg over.
- Permanently-lubricated motor for trouble-free dependability.
- Full 10-year warranty on heat exchanger.

Hot Dawg® Model HDS separated-combustion, gas-fired unit heater.

The separated combustion Hot Dawg draws its combustion air from outside to ensure that the unit will always have plenty of fresh, clean air to breath. This fresh-air supply reduces common concerns about dusty, dirty or humid applications. In addition, by drawing the combustion air from the outside, the overall heating efficiency is increased.

In short, the Hot Dawg separated combustion unit gives you the added advantages of:

- Less maintenance in dusty environments,
- Improved efficiency by using outside air for combustion,
- Greater durability in "hostile" environments (environments possessing substances that may deteriorate the performance of the unit),
- External thermostat and gas connections.



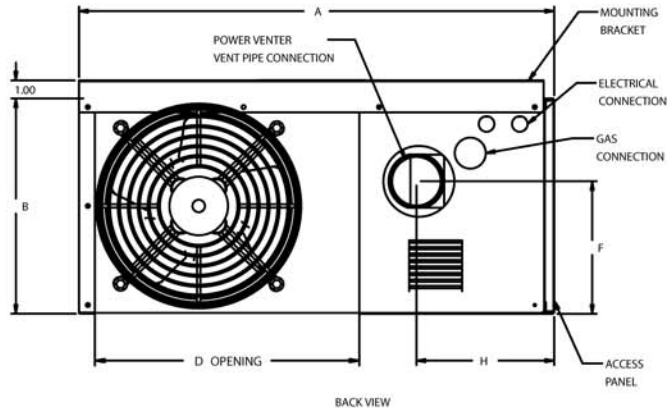
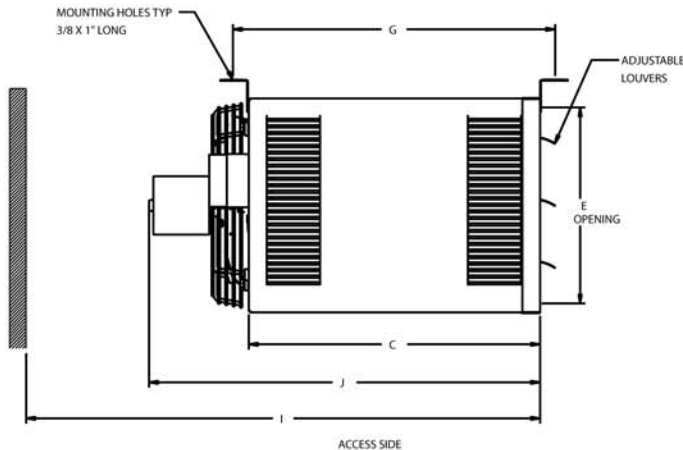
Fur The Heat You Need, Just Unleash A Hot Dawg!

Unit	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	75,000	Large Garage

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



Power-Exhausted, Gas-Fired Unit Heater Specifications.



Performance

Models	HD30	HD45	HD60	HD75	
Btu/Hr Input	30,000	45,000	60,000	75,000	
Btu/Hr Output	24,000	36,000	48,000	60,000	
Entering Airflow (CFM)	505	720	990	1,160	
Outlet Velocity	523	749	653	769	
Air Temp. Rise (°F)	44	46	45	48	
Mounting Height (Max ft.)	10	10	12	14	
Heat Throw (ft.)	25	27	36	38	
Motor Data	Horsepower	1/25	1/15	1/12	1/12
	RPM	1,550	1,550	1,625	1,625
	Type	S.P.	S.P.	P.S.C.	P.S.C.
	Amps	1.5	2.4	1.2	1.2
Unit Total Amps	2.8	3.7	2.5	2.5	
Vent Connector Size (in.)	3	3	3	3	

Dimensions (inches)

Models	HD30	HD45	HD60	HD75
A	26.8	26.8	26.8	26.8
B	12.2	12.2	18.0	18.0
C	16.5	16.5	16.5	16.5
D	14.9	14.9	14.9	14.9
E	10.1	10.1	15.9	15.9
F	7.5	7.5	10.7	10.7
G	18.5	18.5	18.5	18.5
H	7.6	7.6	7.8	7.8
Gas Connection	1/2	1/2	1/2	1/2
I	34.5	34.5	34.5	34.5
J	22	22	25	25
Fan Diameter	10	10	14	14
Approx. Shipping Weight (lbs.)	55	60	80	85

Mounting

1" - angle, mounting brackets are slotted to accommodate joists on 16" or 24" centerlines.



Clearances

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

Control Codes

Control System Description	Control Code No.	Service Voltage	Thermostat Voltage	Type of Gas
Single Stage, Hot Surface Ignition, 100% Shut-Off, Multiple Retry with Auto Reset from Lockout.	34	115V	24V	natural
- Utilizes a single-stage combination gas control with built-in ignition control. Gas is lit with a hot surface igniter on call for heat.	74	115V	24V	propane

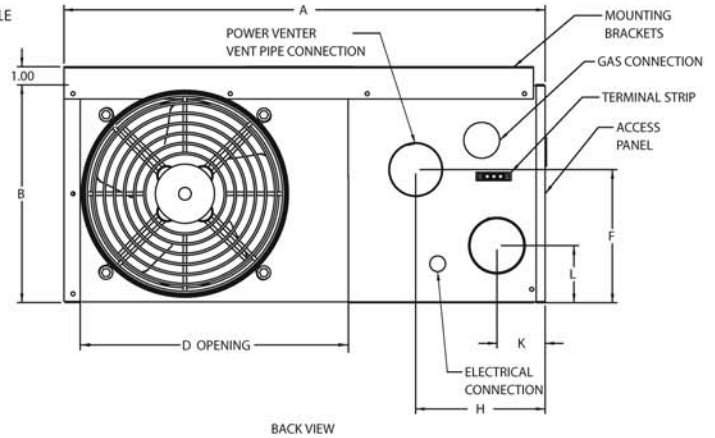
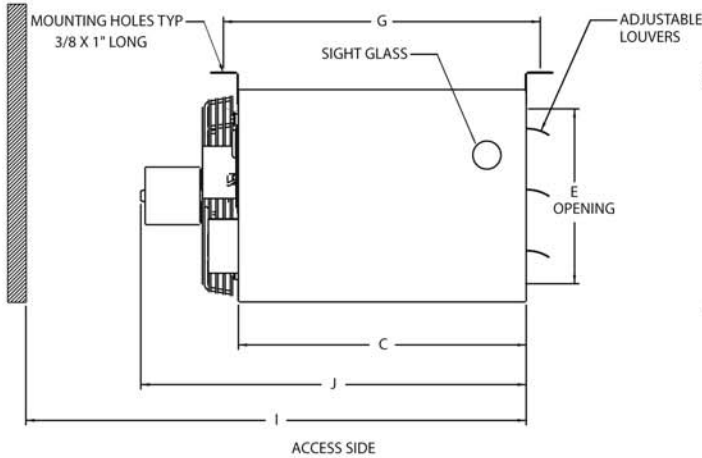
- Ratings shown are for elevation up to 2000 feet above sea level (in Canada, refer to rating plate). For elevations above 2000 ft., ratings should be reduced by approximately 4% for each 1000 ft. above sea level.
- Mounting Height is measured from the **bottom** of the unit.
- Heat Throws are calculated at 65°F ambient and unit fired at full rated input. Throws for HD30 and HD45 are based on 8-foot mounting heights and at 10-foot heights for HD60 and HD75.
- S.P. = shaded pole, P.S.C. = permanent split capacitor



Certified for Residential and Commercial Use



Separated-Combustion, Gas-Fired Unit Heater Specifications.



Performance

Models		HDS30	HDS45	HDS60	HDS75
Btu/Hr Input		30,000	45,000	60,000	75,000
Btu/Hr Output		24,000	36,000	48,000	60,000
Entering Airflow (CFM)		505	720	990	1,160
Outlet Velocity		523	749	653	769
Air Temp. Rise (°F)		44	46	45	48
Mounting Height (Max ft.)		10	10	12	14
Heat Throw (ft.)		25	27	36	38
Motor Data	Horsepower	1/25	1/15	1/12	1/12
	RPM	1,550	1,550	1,625	1,625
	Type	S.P.	S.P.	P.S.C.	P.S.C.
	Amps	1.5	2.4	1.2	1.2
Unit Total Amps		2.8	3.7	2.5	2.5
Vent Connector Size (in.)		3	3	3	4

Dimensions (inches)

Models	HDS30	HDS45	HDS60	HDS75
A	26.8	26.8	26.8	26.8
B	12.2	12.2	18.0	18.0
C	16.5	16.5	16.5	16.5
D	14.9	14.9	14.9	14.9
E	10.1	10.1	15.9	15.9
F	7.25	7.25	10.75	10.75
G	18.5	18.5	18.5	18.5
H	7.6	7.6	7.835	7.835
Gas Connection	1/2	1/2	1/2	1/2
I	34.5	34.5	34.5	34.5
J	22	22	25	25
K	2.74	2.74	3.15	3.15
L	3.19	3.19	5.55	5.55
Fan Diameter	10	10	14	14
Approx. Shipping Weight (lbs.)	55	60	80	85

Mounting

1" - angle, mounting brackets are slotted to accommodate joists on 16" or 24" centerlines.



Control Codes

Control System Description	Control Code No.	Service Voltage	Thermostat Voltage	Type of Gas
Single Stage, Hot Surface Ignition, 100% Shut-Off, Multiple Retry with Auto Reset from Lockout.	34	115V	24V	natural propane
- Utilizes a single-stage combination gas control with built-in ignition control. Gas is lit with a hot surface igniter on call for heat.	74	115V	24V	natural propane

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