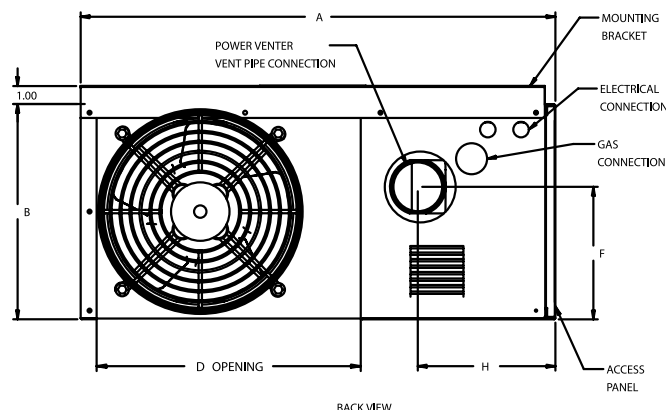
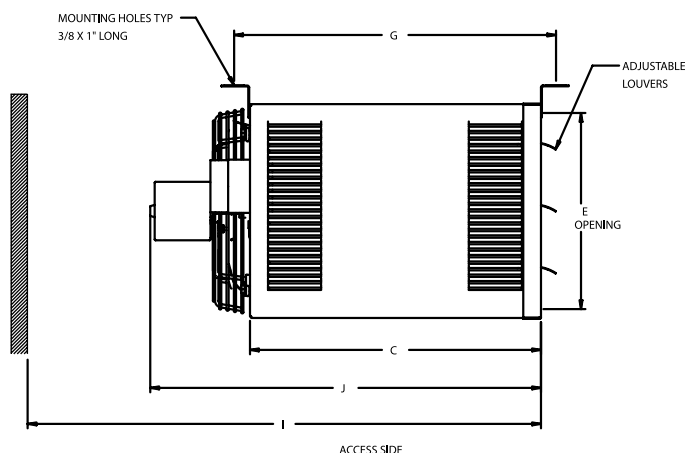




Certified for Residential and Commercial Use

SUBMITTAL DATA power vented gas-fired unit heaters model HD



Performance

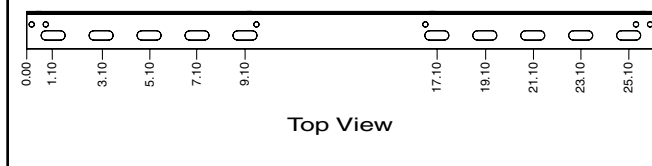
| Models | HD30 | HD45 | HD60 | HD75 | |
|---------------------------|------------|--------|--------|--------|--------|
| Btu/Hr Input | 30,000 | 45,000 | 60,000 | 75,000 | |
| Btu/Hr Output | 24,000 | 36,000 | 48,000 | 60,000 | |
| Entering Airflow (CFM) | 505 | 720 | 990 | 1,160 | |
| Outlet Velocity | 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

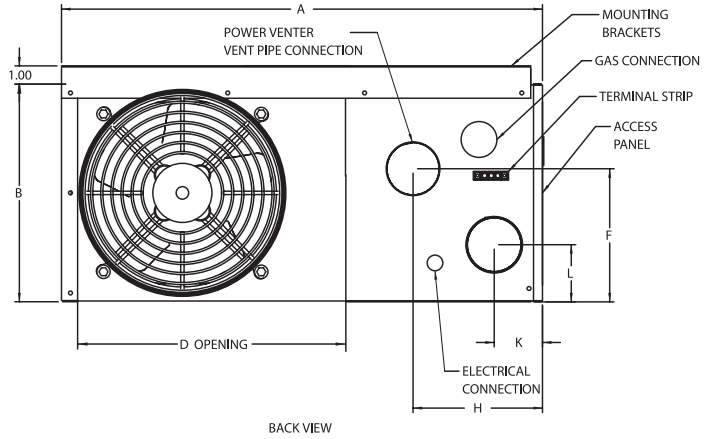
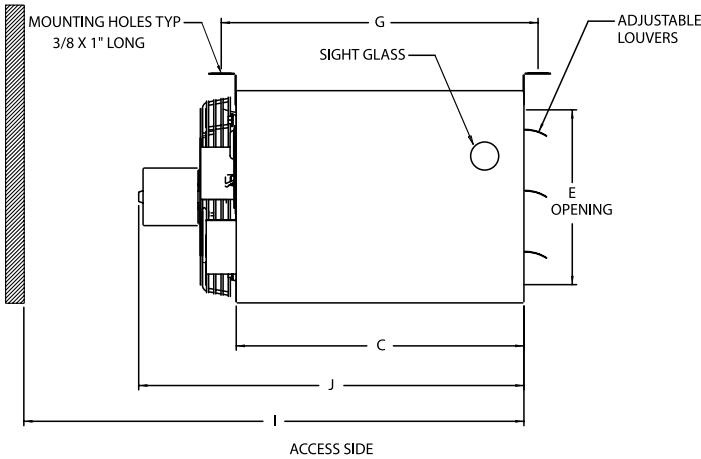


Certified for Residential and Commercial Use

SUBMITTAL DATA

separated combustion gas-fired unit heaters

model HDS



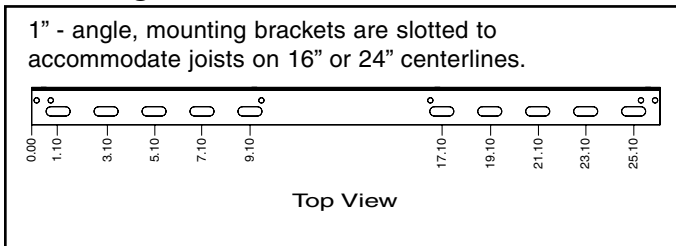
Performance

| 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



Clearances

| Unit Side | Clearance To Combustible Materials | Recommended Service Clearance |
|-----------------|------------------------------------|-------------------------------|
| Top and Bottom | 1" | 1" |
| Access Side | 1" | 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. - Utilizes a single-stage combination gas control with built-in ignition control. Gas is lit with a hot surface igniter on call for heat. | 34 74 | 115V 115V | 24V 24V | natural 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 HDS30 and HDS45 are based on 8-foot mounting heights and at 10-foot heights for HDS60 and HDS75.
- S.P. = shaded pole, P.S.C. = permanent split capacitor