

# Direct-Vent Furnaces



**14,000 Btu/hr.**

## Great for garage or workshop heating!

These models feature a sealed combustion chamber that makes them an ideal choice for adding comfort to your garage, workshop or anywhere heat is needed.

Attractive styling, economical and safe heating comfort with these popular home furnaces.

Williams' compact, space-saving direct-vent furnaces feature low-cost installation. These models use no inside air for operation.

Heating rooms individually allows comfort in areas while saving fuel costs in unused areas.

For additional money-saving efficiency, install one of our optional blowers.



**22,000 and 30,000 Btu/hr.**

## Design Features

- ✓ No electricity required
- ✓ "Matchless" pilot igniter
- ✓ Easy installation - all vent material included
- ✓ All vent caps include built-in "Bird Guard"
- ✓ Long-life, ceramic-coated combustion chamber (22,000 and 30,000 Btu/hr. models)
- ✓ Automatic temperature and safety controls
- ✓ Sealed combustion chamber requires no room air
- ✓ Attractive, durable, soft-white, scratch-resistant finish blends with any décor
- ✓ Natural and propane gas models (conversion kits available)
- ✓ Thermostat included, may be wall- or cabinet-mounted

# Direct-Vent Furnaces

| Model Number |         | Btu/hr. Input Rating | Btu/hr. Output Rating | Efficiency Percentage |      | Dimensions         |                    |                    | Maximum Wall Thickness | Type of Control | Shipping Weight (lbs.) |
|--------------|---------|----------------------|-----------------------|-----------------------|------|--------------------|--------------------|--------------------|------------------------|-----------------|------------------------|
| Natural      | Propane |                      |                       | Thermal               | AFUE | Width              | Depth              | Height             |                        |                 |                        |
| 1403822      | 1403821 | 14,000               | 9,800                 | 73                    | 65   | 18"                | 7 $\frac{1}{8}$ "  | 26 $\frac{3}{4}$ " | 24"                    | Millivolt Wall  | 56                     |
| 2203822      | 2203821 | 22,000               | 16,462                | 75                    | 67   | 32 $\frac{1}{8}$ " | 10 $\frac{1}{4}$ " | 28"                | 24"                    | Millivolt Wall  | 98                     |
| 3003822      | 3003821 | 30,000               | 21,000                | 70                    | 66   | 32 $\frac{1}{8}$ " | 10 $\frac{1}{4}$ " | 28"                | 24"                    | Millivolt Wall  | 100                    |

Gas connection:  $\frac{1}{2}$ " \* Venting shipped with furnace for up to 9" wall thickness, 24" wall thickness available with use of vent extension accessories.

## Features

### "Matchless" Pilot Igniter

All models include a "matchless" pilot igniter and glass observation door. Assures convenient pilot lighting without matches.

### Automatic Thermostat - Included with all Models

(No Electricity Required)

Equipped with a self-generating, millivolt thermostat that may be wall- or cabinet-mounted.

### Contemporary Finish

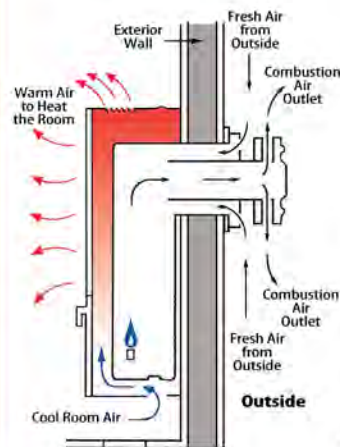
Light, soft-white powder-coat, scratch-resistant finish to blend with any décor.

### "Bird Guard"

All vent caps include built-in "Bird Guard".

### Dimensions and Clearances

- 2" from intersecting wall.
- 24" from top of appliance to ceiling or other obstructions for 14,000 Btu/hr. models.
- 30" from top of appliance to ceiling or other obstructions for 22,000 and 30,000 Btu/hr. models.



### Direct-Vent Safety

For clean, comfortable heat when and where you want it. The gas flame is completely sealed inside, away from all contact with room air. Air necessary for combustion is drawn into the chamber from outside through the vent, and combustion products are vented directly to the outside. Only clean, gentle heat, in continuous circulation is delivered into the room. Windows and doors stay closed because no room air is used for combustion.



Great During Power Outages!  
No Electricity Required

## Accessories

### High-Capacity Blower

Blower is easily added to the furnace. Comes with a fully automatic fan switch, 115V power supply required.

**Model 2302** for 22,000 and 30,000 Btu/hr.

**Model 2303** for 14,000 Btu/hr.

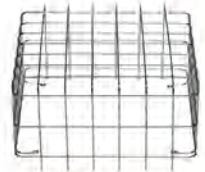
Shipping weight 6 lbs.



### Vent-Cap Guard

Protects pedestrian traffic from vent cap heat.

**Model 9308** - Shipping weight 3 lbs.



### Vent Shield

Insulated, galvanized sheet for all direct-vent units.

**Model 4318** - Shipping weight 9 lbs. (Oversized)



### Vent Extensions

To meet your installations needs, all models accommodate optional through-the-wall vent which may extend up to a 24" maximum

| Model | Length | Application          | Shipping Weight |
|-------|--------|----------------------|-----------------|
| 9301  | 15"    | 22038 & 30038 Series | 7 lbs.          |
| 9302  | 24"    | 22038 Series         | 10 lbs.         |
| 9303  | 24"    | 14038 & 30038 Series | 10 lbs.         |
| 9304  | 15"    | 14038 Series         | 7 lbs.          |

### Face Panels

| Model | Application          | Shipping Weight |
|-------|----------------------|-----------------|
| 4309  | 14038 Series         | 16 lbs.         |
| 4313  | 22038 & 30038 Series | 29 lbs.         |

### Thin-Wall Collar Kits

**Model 9307** - For wall thicknesses from 1 to 5". Installs with vent kit. Shipping weight 4 lbs.

### Conversion Kits

**14038 Series - 8939** - Natural Gas to L.P. Gas     **8942** - L.P. Gas to Natural Gas  
**20038 Series - 8940** - Natural Gas to L.P. Gas     **8943** - L.P. Gas to Natural Gas  
**30038 Series - 8941** - Natural Gas to L.P. Gas     **8944** - L.P. Gas to Natural Gas

### High-Altitude Models

| Models                 | Natural Gas    |                | L.P. Gas       |                | Models                     | NG             | LP             |
|------------------------|----------------|----------------|----------------|----------------|----------------------------|----------------|----------------|
| ELEVATION              | 14,000 Btu/hr. | 22,000 Btu/hr. | 14,000 Btu/hr. | 22,000 Btu/hr. | ELEVATION                  | 30,000 Btu/hr. | 30,000 Btu/hr. |
| <b>2,001 TO 4,000'</b> | 1413822        | 2213822        | 1413821        | 2213821        | <b>Sea level to 4,500'</b> | 3003822        | 3003821        |
| <b>4,001 TO 6,000'</b> | 1433822        | 2233822        | 1433821        | 2233821        | <b>4,501 to 7,000'</b>     | 3033822        | 3033821        |
| <b>6,000 TO 8,000'</b> | 1453822        | 2253822        | 1453821        | 2253821        | <b>7,001 to 9,000'</b>     | 3053822        | 3053821        |



Scan for more information on Williams' products



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### Important

- Read owner's manual before using/installing.
- Photographs are representative.
- Check local codes and ordinances for permitted uses.
- Consult installation manual for clearances prior to installation.
- We reserve the right to amend product specifications without notice.
- Installation and servicing recommended by a qualified service person.
- Venting must comply with the installation manual.
- Massachusetts approval G1-0713-515.
- Please read the warranty for any limitations for disclaimers.
- Combustion chamber carries a ten-year limited warranty. All other parts carry a one-year limited warranty.