

Williams

Direct-Vent Furnaces

**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 being used while saving fuel cost in unused areas.

For additional money-saving efficiency, install our optional blower.



22,900 and 30,000 Btu/hr



14,000 Btu/hr

GREAT FOR GARAGE OR WORKSHOP HEATING! This model features a sealed combustion chamber, that makes it an ideal choice for adding comfort to your garage, workshop or anyplace where heat is needed.

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
- ❑ Heavy-duty, cast-iron burners
- ❑ Automatic temperature and safety controls
- ❑ Attractive, durable, soft-white, scratch-resistant finish blends with any decor
- ❑ Natural and propane gas models (Conversion kits available)
- ❑ Thermostat included, may be wall-mounted or cabinet-mounted



14,000 Btu/hr

Direct-Vent Furnaces

Model Number	Bufls Input Rating	Bufls Output Rating	Efficiency %		Clearances			Maximum Wall Thickness*	Type of Control	Shipping Weight (lbs.)
			Thermal	AFUE	Wall	Depth	Height			
20000-1	20,000	14,000	74	91	3"	7 1/2"	24"	3"	Indirect Vent	50
22000-1	22,000	14,400	75	91	3 1/2"	7 1/2"	24"	3"	Indirect Vent	50
24000-1	24,000	15,800	75	91	3 1/2"	7 1/2"	24"	3"	Indirect Vent	50
26000-1	26,000	17,200	75	91	3 1/2"	7 1/2"	24"	3"	Indirect Vent	50
28000-1	28,000	18,600	75	91	3 1/2"	7 1/2"	24"	3"	Indirect Vent	50
30000-1	30,000	20,000	75	91	3 1/2"	7 1/2"	24"	3"	Indirect Vent	50

Direct-Vent Furnaces

* All models include a "Weather" seal and an air-glass gasket designed for maximum protection and sealing with no fasteners.
 † Venting shipped with brackets for 3/4" (1") wall thickness. 3/4" wall thickness available with use of extension accessories.
 ‡ Field convert to natural gas. Conversion kit included.

Features



Direct-Vent Safety

The glass combustion heat shield and safety air barrier. Though flame temperature varies, this flame front of oxygen will never go out. An emergency shut-off valve is built into the venting from outside through glass heat shield and all combustion products are under negative air pressure. This safety system has a continuous circulation to prevent overheating. Includes an auto shut-off safety device and flame out safety interlock/venturi trap of a safety combustion.

"Weather" Protection

All models include a "Weather" seal and an air-glass gasket designed for maximum protection and sealing with no fasteners.

Automatic Thermostat - Includes air pressure

An electric thermostat. Thermostat will shut gas pressure without furnace that may be used without an interlock.

Contemporary Finish

Light, self-white powder coat, smooth-render finish to match wall or tile.

"Wind Guard"

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

Accessories

High-Capacity Blower

Blower is easily added to the furnace. Comes with wiring required for motor. 115V, 60-cycle power required.
 Model 200 for 20,000 and 22,000
 Model 220 for 24,000 Btu/hr.
 Shipping weight 10 lbs.

Vent-Cap Guard

Protects outdoor vents from feet of vent pipe.
 Model 200. Shipping weight 10 lbs.

Vent Shield Deflection

Insulated, galvanized steel for indirect vent pipe.
 Model 200. Shipping weight 10 lbs.

Vent Extensions

To meet your installation needs, all models accommodate venting through the wall and which may extend up to 20' maximum.

Model	Length	Application	Shipping Weight
2000	12"	20,000 & 22,000 Series	11 lbs.
2200	18"	24,000 Series	11 lbs.
2400	24"	26,000 & 28,000 Series	11 lbs.
2600	30"	30,000 Series	11 lbs.

Face Panels

Model	Application	Shipping Weight
2000	20,000 Series	10 lbs.
2600	26,000 & 28,000 Series	10 lbs.

Thin-Wall Cutler Kit

For use on installations from 1" to 2" inside with venting. Model 200.
 Shipping weight 10 lbs.

Conversion Kits

Btu/hr	Input to Proposed	Output to Natural
14,000	20,000	20,000
18,000	22,000	22,000
22,000	24,000	24,000
26,000	26,000	26,000

High-Altitude Models

Optional

These items are not factory supplied.
 Thermostat and interlocks.
 Direct-Vent cap with interlock for venting into attic.
 Insulated venting through the wall with an interlock.
 The venting kit for 1" inside installation, which includes venting shield, insulation and air-pressure interlock. Shipping weight 10 lbs.
 Venting through the wall with an interlock shield.
 Venting through the wall with an interlock shield.
 Venting through the wall with an interlock shield.
 Please refer to the literature for details on installation.
 Conversion kit includes venting through the wall with an interlock shield and a weather shield venting.

Requires
No Electricity

Great During
Power Outages

Williams

2000 Direct-Vent Furnace (20,000 Btu/hr) Model 2000
 2200 Direct-Vent Furnace (22,000 Btu/hr) Model 2200
 2400 Direct-Vent Furnace (24,000 Btu/hr) Model 2400
 2600 Direct-Vent Furnace (26,000 Btu/hr) Model 2600
 2800 Direct-Vent Furnace (28,000 Btu/hr) Model 2800
 3000 Direct-Vent Furnace (30,000 Btu/hr) Model 3000