

Attractive styling,  
economical and safe  
heating comfort with these  
popular garage furnaces!

Williams' compact, space-saving direct-vent furnaces feature low-cost installation. These models feature a sealed combustion chamber, which requires no inside air for operation. . . making them an ideal choice for adding comfort to your garage, workshop or virtually anywhere where heat is needed.

With one of these popular garage furnaces, create a comfortable and safe area to work or park your car.

### **Direct-Vent ▼**

These totally automatic direct-vent models are thermostatically controlled. Their attractive styling is a durable scratch-resistant, soft-white epoxy powder-coat finish.



### **Direct-Vent Counterflow ▲**

Equipped with counterflow blower system to circulate ceiling-to-floor warm air. Equipped with four-foot service cord.

### **Design Features**

- "Matchless" pilot igniter
- Easy installation -- all vent material included
- Multi-room heating with optional outlet kit (Counterflow models)
- Attractive, durable scratch and abrasion resistant epoxy powder-coat, soft-white finish.
- Natural and propane models (Conversion kits available)

These models require no electricity – *great during power outages*. Provided with long-life, ceramic-coated combustion chambers.

# Garage Furnaces

Model Number		Btu/hr Input Rating	Btu/hr Output Rating	Efficiency %		Dimensions			Maximum Wall Thickness*	Type of Control	Shipping Weight (lbs.)
Natural	Propane			Thermal	AFUE	Width	Depth	Height			
1403622	1403621	14,000	10,039	76.0	63.0	18"	7 $\frac{1}{8}$ "	26 $\frac{3}{4}$ "	24"	Millivolt Wall	56
2203622	2203621	22,000	16,462	75.0	67.0	32 $\frac{1}{8}$ "	10 $\frac{1}{4}$ "	28"	24"	Millivolt Wall	98
3003622	3003621	30,000	21,849	73.0	66.0	32 $\frac{1}{8}$ "	10 $\frac{1}{4}$ "	28"	24"	Millivolt Wall	100

## Direct-Vent Counterflow with Electrical Service Cord

Conversion Kit Available

4007332‡	4007331‡	40,000	32,000	80.0	75.0	14 $\frac{1}{8}$ "	11 $\frac{3}{4}$ "	77 $\frac{3}{8}$ "	24"	24V Wall	126
4007732	4007731	40,000	32,000	80.0	75.0	14 $\frac{1}{8}$ "	11 $\frac{3}{4}$ "	77 $\frac{3}{8}$ "	24"	24V Wall	126
5507332‡	5507331‡	55,000	44,000	80.0	76.0	14 $\frac{1}{8}$ "	11 $\frac{3}{4}$ "	87"	24"	24V Wall	140
6257732	6257731	65,500	50,000	80.0	76.0	14 $\frac{1}{8}$ "	11 $\frac{3}{4}$ "	87"	24"	24V Wall	140

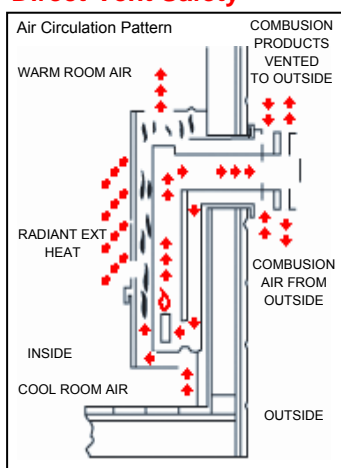
All models have  $\frac{1}{2}$ " gas connection - All models are rated for 4,500' elevation.

\* Venting shipped with furnace for 5-9" wall thickness, 24" wall thickness available with use of extension accessories.

‡ Intermittent ignition

## Features

### 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 direct wall vent, and all combustion products are vented directly to the outside. Only clean, gentle heat, in continuous circulation is delivered into the room. Windows and doors can stay closed because no room air is used for combustion.

### "Matchless" Pilot Igniter

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

### Automatic Thermostat - Included with all Models

### 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

### Direct-Vent (14/22/30 Series)

2" from intersecting wall  
18" from top of appliance to ceiling/overhang for 14,000 Btu/hr models  
24" from top of appliance to ceiling/overhang for 22,000 and 30,000 Btu/hr models

### Direct-Vent Counterflow (40/55/62 Series)

4" from intersecting wall  
4" from top of appliance to ceiling/overhang  
0" to finished floor  
18" from centerline of vent cap on all sides



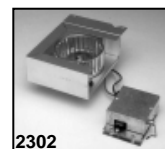
## Accessories

### High-Capacity Blower

Blower is easily added to the furnace. Comes with a fully automatic fan switch. 115V power supply required - 6 lbs.

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

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



### Side Outlet Accessories - Allows heat to be ducted into a side room.

6801 Side-Outlet Register with 10" Boot and Damper for counterflow models - 11 lbs.

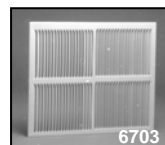
6802 Side-Outlet Grille for counterflow models - 2 lbs.

### Front Diffusing Grilles

A snap-on grille used to divert heat to the right, left or both directions for counterflow models only.

6703 Two-Directional Diffuser Grille - 3 lbs.

6704 One-Directional Diffuser Grille - 3 lbs.



### Venting Accessories

4318 Vent Shield Deflector - Insulated, galvanized metal sheet - 4 lbs.

9301 15" Vent Extension for 22 and 30,000 Btu/hr Furnaces - 7 lbs.

9302 24" Vent Extension for 22,000 Btu/hr Furnaces - 10 lbs.

9303 24" Vent Extension for 14 and 30,000 Btu/hr Furnaces - 10 lbs.

9304 15" Vent Extension for 14,000 Btu/hr Furnaces - 7 lbs.

9307 Thin Wall Collar - Wall thicknesses from 1" to 5" - 4 lbs.

9308 Vent Cap Guard - Protects pedestrian traffic from heat of the vent cap - 3 lbs.

9806 Counterflow Direct-Vent Tube Extension - 12" Length - 11 lbs.

9807 Counterflow Direct-Vent Tube Extension - 15" Length - 11 lbs.

9808 Counterflow Direct-Vent Tube Extension - 24" Length - 11 lbs.



### Finish Items

4701 Trim Strip Accessory - Metal finish moulding strips painted the same color as the furnace - 4 lbs.

### Conversion Kits - Current models only - 1 lb.

Btu Size	Natural to Propane to	
	Propane	Natural
14,000	8925	8928
22,000	8926	8929
30,000	8927	8930
40,000	7686	7693
55,000	7688	7695
62,500	7689	7696



### High Altitude Models

**Hard Wire Adapter** - Model 9940

### 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.
- New York approval MEA197-82E Vol 111 on direct-vent models only.
- Massachusetts approval G3-0305-171
- 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.



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