

# Forsaire

# WILLIAMS

## Counterflow Furnaces

### Top-Vent Counterflow

Models require less than one square foot of floor space. They may be recessed into the stud space or surface mounted and vented vertically through the ceiling and roof.

### Direct-Vent Counterflow

The forced-air circulation comfort heating system uses only outside air for combustion, as the burners are completely sealed within the combustion chamber. Combustion products are discharged outdoors through the wall vent. This eliminates the expense of a vent. All vent caps include a built-in "Bird Guard". All vent material is included. Ideal for garages.

### Design Features

- ✓ Freestanding or recessed, Forsaire furnaces are ideal for homes, apartments, offices, schools, cabins and many other applications.
- ✓ Counterflow blower system circulates ceiling-to-floor warm air
- ✓ "Matchless" pilot igniter
- ✓ Multi-room heating with optional outlet accessories to heat up to three rooms
- ✓ Equipped with a four-foot service cord
- ✓ Natural or propane models (conversion kits available)
- ✓ Automatic temperature and safety controls
- ✓ Resettable vent-limit safety switch (top-vent models)
- ✓ Thermostat included



**40,000 - 62,500 Btu/hr.**



**35,000 - 65,000 Btu/hr.**

# Forsaire Counterflow Furnaces

Model Number		Btu/hr. Input Rating	Btu/hr. Output Rating	Efficiency %		Dimensions			Blower Speed	CMF 115V	Amps	Pilot Type	Shipping Weight (lbs.)
Natural	Propane			Thermal	AFUE	Height	Depth	Width					
<b>TOP-VENT</b>													<i>Conversion Kit Available</i>
3508232	3508231	35,000	28,000	80.0	75.0	72½"	10¼"	14⅞"	One	240	0.8	Intermittent	95
3508632	3508631	35,000	28,000	80.0	75.0	72½"	10¼"	14⅞"	One	240	0.8	Standing	90
5008632	5008631	50,000	40,000	80.0	76.0	81"	10¼"	14⅞"	Two	350	2.2	Standing	99
5508232	5508231	55,000	42,500	77.0	76.0	87"	10¼"	14⅞"	Two	440	3.0	Intermittent	113
6508632	6508631	65,000	48,000	74.0	76.0	87"	10¼"	14⅞"	Two	440	3.0	Standing	107
<b>DIRECT-VENT</b>													<i>Conversion Kit Available</i>
4007332	4007331	40,000	32,000	80.0	76.5	77¾"	11¾"	14⅞"	One	325	2.0	Intermittent	126
4007732	4007731	40,000	32,000	80.0	75.4	77¾"	11¾"	14⅞"	One	325	2.0	Standing	126
5507332	5507331	55,000	42,500	77.0	76.5	87"	11¾"	14⅞"	Two	440	3.0	Intermittent	140
6257732	6257731	62,500	50,000	80.0	76.0	87"	11¾"	14⅞"	Two	440	3.0	Standing	140
<b>TOP-VENT MAGNUM HIGH-EFFICIENCY</b>													<i>Conversion Kit Available</i>
6008832	6008831	60,000	49,200	82.0	78.0	80¼"	10¼"	14⅞"	Two	440	3.0	Standing	121

Gas Connection: ½" . All models equipped with a four-foot power service cord.

## Features

### "Matchless" Pilot Igniter

All models include a "matchless" pilot igniter. Assures convenient pilot lighting without matches.

### Automatic Thermostat

All models are equipped with a 24V control valve and thermostat.

### Contemporary Finish

Soft-white, powdered-coated, high-heat resistant finish to complement any décor.

## Dimensions and Clearances

### Top-Vent

- 4" to an intersecting wall.
- 4" from the top of the furnace to the ceiling or overhang.
- 2" from the top of the furnace to the ceiling or overhang on 60085 Series.
- 0" to finished floor.

### Direct-Vent

- 4" to an intersecting wall.
- 4" from the top of the furnace to the ceiling or overhang.
- 0" to finished floor.
- 59" from the finished floor to the centerline of the vent cap for Model Series 40073 and 40077.
- 68½" from the finished floor to the centerline of the vent cap for Model Series 55073 and 62577.

## Accessories

### Rear and Side Outlet Accessories

Allows heat to be ducted into a rear or side room.

**Model 6801** Rear-Outlet Register with 10" Boot for Top-Vent Models.

**Model 6802** Rear-Outlet Register with 1" Boot for Top-Vent Models.

**Model 6701** Side-Outlet Register with 10" Boot for Top-Vent and Direct-Vent Models.

**Model 6702** Side-Outlet Grille for Top-Vent and Direct-Vent Models.

### Front Diffusing Grilles

A snap-on grille used to divert heat to the right, left or in both directions.

**Model 6703** Two-Way Directional Diffuser Grille for All Models.

**Model 6704** One-Way Directional Diffuser Grille for All Models.

### Venting Accessories

**Model 4318** Vent Shield Deflector - Insulated, galvanized metal sheet for Direct-Vent Models.

**Model 9307** Thin Wall Collar - Wall thicknesses from 1 to 5". Used with Direct-Vent Models.

**Model 9308** Vent Cap Guard - Protects pedestrian traffic from the heat of the vent cap.

**Model 9806** Direct-Vent Tube Extension - 12" Length

**Model 9901** Top-Vent Starter Kit - Contains starter hold down plate, oval-to-round adapter, two spacer plates and two pieces of oval pipe.

**Model 9902** Vent Adapter for top-vent, freestanding (not recessed) installations.

### Trim Strip Accessory

**Model 4701** Metal finishing strips painted the same color as the furnace for all models.

### Top-Vent Enclosures

Used for freestanding installations. Includes two side rails and a metal cover painted soft-white to match the furnace.

**Model 9812** 12" - Length

**Model 9824** 24" - Length

**Model 9836** 36" - Length

### Hardwired Adapter

**Model 9940** Used for wiring from a junction box rather than using the power service cord.

### High Altitude Models

Conversion Kits					
Top-Vent Model Number	Natural to L.P. Gas	L.P. Gas to Natural	Direct-Vent Model Number	Natural to L.P. Gas	L.P. Gas to Natural
35082	7716	7717	40073	7728	7729
35086	7718	7719	40077	7728	7729
50086	7720	7721	55073	7730	7731
55082	7222	7723	60077	7732	7733
60088	7724	7725	62577	7689	7696
65086	7726	7727			



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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.