

# WEATHERKING

## Gas Furnaces



### 80PS- Series

#### 80% A.F.U.E Upflow/Horizontal Gas Furnaces



The WeatherKing line of upflow/horizontal gas furnaces are designed for utility rooms, closets, alcoves, or attics. Because of the model's low-profile 34 inch height, the upflow model can also be used to satisfy most applications that traditionally call for a horizontal furnace. The design is certified by CSA International.

Features:

- Unique solid door design leads to quiet operation.
- Patented heat exchanger, constructed of both stainless and aluminized steel for the maximum in corrosion resistance.
- Low profile "34 inch" design is lighter and easier to handle and leaves room for optional equipment.
- Convertible from upflow to horizontal left or right without field conversion.
- Left or right side gas and electric inlet connections allow quick and simple change.
- Direct spark ignition with remote sense, features a integrated board with an electronic air cleaner hookup.
- Prepaint galvanized steel cabinet.
- A slow-open gas valve and a specially designed draft inducer motor make it one of the quietest furnaces on the market today.
- Grab-holes in doors to aid in easy door removal and replacement.

A variety of cooling coils and plenums designed to use with WeatherKing gas furnaces are available as optional accessories.

Model No	Input (BTU/Hr)	Heating Capacity (BTU/Hr)	Approx. Ship Wt. (Lbs)
80PS05***	50,000	41,000	85
80PS07***	75,000	60,000	105
80PS10***	100,000	80,000	120
80PS12***	125,000	99,000	140
80PS15***	150,000	119,000	150

### 90RS- Series

#### 90 High Efficiency Upflow Gas Furnaces



The WeatherKing 90 High Efficiency line of upflow gas furnaces are designed for utility rooms, closets, or alcoves. Because of the low-profile 34 inch height, this model can be used vertically to satisfy most applications that traditionally call for a horizontal furnace. The design is certified by CSA.

Features:

- Low profile "34 inch" design is lighter and easier to handle and leaves room for optional accessories.
- Left or right side gas, electric, and condensate drainage connections on upflow models.
- Integrated control board manages all operational functions and provides accessory hookups for an electronic air cleaner.
- A slow-opening gas valve and a specially designed inducer system make it one of the quietest furnaces on the market today.
- Pre-pain galvanized steel cabinet.
- Optional indoor or outdoor combustion air. In addition, combustion air may be piped to either the top or right side of the cabinet on all upflow models. A special molded fitting is provided to ease installation.
- Control board diagnostics.

A variety of cooling coils and plenums designed to use with the WeatherKing 90 gas furnaces are available as optional accessories for air conditioning models.

Model No	Input (BTU/Hr)	Heating Capacity (BTU/Hr)	Approx. Ship Wt. (Lbs)	AFUE (%)
90RS04***	45,000	42,000	111	93.5
90RS06***	60,000	56,000	117	92.5
90RS07***	75,000	70,000	123	92.0-92.8
90RS09***	90,000	84,000	148	93.5
90RS10***	105,000	97,000	152	92.0
90RS12***	120,000	113,000	160	93.5

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Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

**Gas Furnaces**



**90TS- Series**

**90 High Efficiency Downflow/Horizontal Gas Furnaces**



The WeatherKing 90 High Efficiency line of downflow/horizontal gas furnaces are designed for utility rooms, closets, alcoves, attics or crawl spaces. The 90TS is shipped in the downflow configuration and is easily converted for horizontal left-hand airflow applications. The design is certified by CSA. Features:

- Low profile "34 inch" design is lighter and easier to handle and leaves room for optional accessories.
- Top electrical connections, left or right gas and condensate drainage connections on downflow models.
- Condensate drain for horizontal application provided.
- Integrated control board manages all operation functions and provides hookups for an electronic air cleaner.
- A slow-opening gas valve and a specially designed inducer system make it one of the quietest furnaces on the market today.
- Galvanized steel cabinet.
- Optional indoor or outdoor combustion air.
- Control board diagnostics.

A variety of cooling coils and plenums designed to use with the WeatherKing 90 gas furnaces are available as optional accessories for air conditioning models.

Model No	Input (BTU/Hr)	Heating Capacity (BTU/Hr)	Approx. Ship Wt. (Lbs)	AFUE (%)
90TS04***	45,000	42,000	111	92.0
90TS06***	60,000	56,000	117	92.4
90TS07***	75,000	70,000	123	92.0-92.3
90TS09***	90,000	84,000	148	92.4
90TS10***	105,000	97,000	152	92.0
90TS12***	120,000	113,000	160	92.1

**Heat Pumps**



**13PJA - 13 SEER Heat Pumps**



Features:

- Coils constructed with copper tubing and enhanced aluminum fins.
- Strong, attractive cabinet - louvered design protects the coil from damage.
- Expansion valves with internal check valve - provides for quieter refrigerant metering.
- Demand defrost control. Non-cycling reversing valve.
- Hot gas muffler. Service valves.
- Grille/motor mount for quiet fan operation.
- Easily accessible control box.
- Certified and rated under A.R.I. Standard 240. U.L. listed.

Applications:

WeatherKing remote heat pumps offer comfort and dependability for single, multi-family and light commercial applications.

Model No	Dimensions (in)			Outdoor Coil		
	Height	Length	Width	Face Area (sq ft)	CFM	Weight (lbs)
13PJA18	26 1/8	23 5/8	23 5/8	11.06	1700	160
13PJA24	26 5/8	27 5/8	27 5/8	13.72	23700	177
13PJA30	27 15/16	31 5/8	31 5/8	16.39	2800	200
13PJA36	35 15/16	31 5/8	31 5/8	21.85	3575	225
13PJA42	35 15/16	31 5/8	31 5/8	21.85	3575	230
13PJA48	35 15/16	31 5/8	31 5/8	21.85	3575	235
13PJA60	35 15/16	31 5/8	31 5/8	21.85	3575	283

**Condensing Units**



**13AJA - 13 SEER Condensing Units**



Features:

- Painted lower steel cabinet. Easily accessible control box.
- Condenser coils constructed with copper tubing and enhanced aluminum fins.
- Grille/motor mount for quiet fan operation

Applications:

Outdoor condensing unit designed for ground level or rooftop installations. These units offer comfort and dependability for single, multi-family and light commercial applications.

Model No	Dimensions (in)			Outdoor Coil		
	Height	Length	Width	Face Area (sq ft)	CFM	Weight (lbs)
13AJA18	23 5/8	23 5/8	24 1/4	8.43	1900	150
13AJA24	23 5/8	23 5/8	24 1/4	11.06	1700	155
13AJA30	27 5/8	27 5/8	24 1/4	13.72	2325	175
13AJA36	31 5/8	31 5/8	27 15/16	16.39	2800	200
13AJA42	31 5/8	31 5/8	27 15/16	16.39	2800	205
13AJA48	31 5/8	31 5/8	27 15/16	16.39	3300	210
13AJA60	31 5/8	31 5/8	35 5/8	21.85	3575	247

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