

COZY

Challenger Vented Gas Floor Furnace

Cozy Comfort...with our Warmest Regards!

The **COZY Challenger** provides warm even heat all winter long through the natural convection of circulating warm air. COZY'S scientific design assures a high volume air exchange (as much as three to five times each hour), guaranteeing uniform temperatures from floor to ceiling.

The **COZY Challenger** features a factory mounted control with built-in pressure regulator and 100% safety pilot. All controls are millivolt/self energizing, and require no electricity to operate; therefore, there is no need to worry about losing heat during a power failure!

The **COZY Challenger** occupies no room space and is easily installed between floor joists. The four models are available in four sizes to fit virtually any application. The heavy-duty steel baked-enamel floor register blends perfectly with any flooring composition – hardwood, carpet or tile!

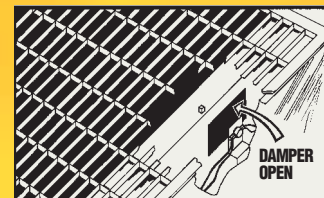
The Safety Limit Control on a COZY Furnace offers you two settings to assure proper performance in any weather.

**LTS**

Manufacturers of Heating Equipment Since 1888

COZY VALUE FEATURES

- **Narrow Width 30,000 BTU Model** – installs between a standard 16" center joist without cutting the joist.
- **Continuous-Seam Welded Combustion Chamber** – constructed of heavy 18 gauge steel maximizes heat transfer.
- **Inner Jacket** is suspended with "U" type interlocking brackets and is easily removed for cleaning.
- **Jet Tube Burners** are durably constructed of aluminized steel and provide excellent flame characteristics for natural gas. Slotted-port design eliminates ignition and extinction noise. Warranted for 10 years (non pro-rated).
- **100% Safety Pilot/Built-in Pressure Regulator** completely stops the flow of gas in the event pilot flame is extinguished. Built-in pressure regulator protects against line pressure surge.
- **Low BTU Pilot** is durably constructed of stainless steel and provides maximum efficiency during standby.
- **Safety Limit Control** maintains the lowest possible grill temperature consistent with heating required. Also cycles unit off in the event grill is blocked by a rug or furniture.
- **Wall Thermostat** is standard on all models and provides maximum comfort and ease of operation.
- **Pyrex Vision Cap** provides quick, safe visual check of burner and pilot operation.
- **Draft Diverter** is included in all units and prevents pilot and burner outage due to downdraft.
- **Millivolt Control Assembly** – means no electricity is required to operate the unit. Heat is provided – even during power failure.
- **Matchless Spark Ignition** – Eliminates the need for matches or lighting tools.



Setting No. 1

In mild weather, operate furnace with damper open. Furnace will cycle on and off maintaining a moderate grill temperature and an even room temperature.



Setting No. 2

In extremely cold weather, close damper (which exposes hot register warming plate). Furnace will then put out maximum amount of heat until room temperature reaches setting on wall thermostat.



Manual Spark Igniter

Convenient push button pilot flame lighter eliminates the need for matches or other lighting tools.

www.cozyheaters.com

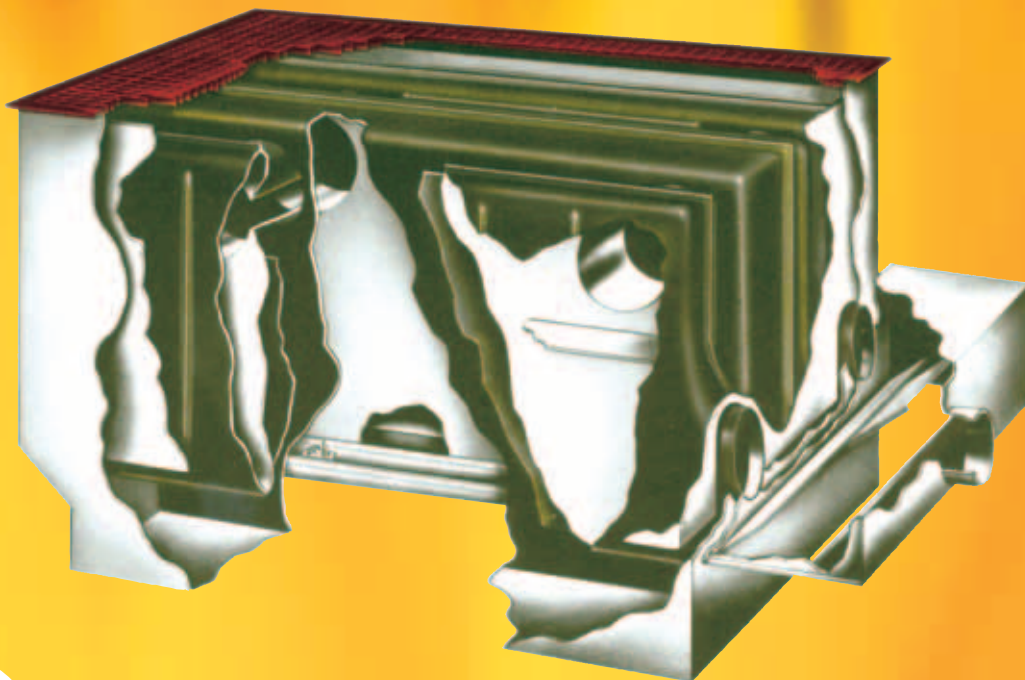


Performance Proven Features

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The **COZY Challenger** is a completely modern heating appliance, featuring durable, high-quality construction. The combustion chamber is precision-formed, continuous-seam welded 18 gauge steel, *warranted for 10 years* against rustout or burnout. The outer casing is constructed of heavy duty galvanized steel, lapped and spot welded for rugged durability. The floor grille consists of brown baked-enamel steel for beauty and strength.

The **COZY Challenger** is certified by the Canadian Standards Association (U.S.) for safe, efficient operation. The unit control features a 100% safety-pilot and low-BTU operation during standby. L.P. Conversion Kits are available.



LIMITED WARRANTY ON COMBUSTION CHAMBER AND BURNER

SPECIFICATIONS

CHALLENGER MODEL NO.	90N30	90N50	90N65	90N75
TYPE GAS	NATURAL*	NATURAL*	NATURAL*	NATURAL*
BTU Input Per Hour	30,000	50,000	62,000	75,000
Width and Length	14" x 32"	22" x 32"	24" x 38"	26" x 42"
Height Overall	29 ¹ / ₄ "	29 ¹ / ₄ "	29 ⁷ / ₈ "	30 ⁷ / ₈ "
Grille Size Overall	16" x 34 ¹ / ₈ "	24" x 34"	26" x 40"	28" x 44"
Size of Floor Opening	14 ¹ / ₄ " x 32 ¹ / ₄ "	22 ¹ / ₂ " x 32 ¹ / ₂ "	24 ¹ / ₂ " x 38 ¹ / ₂ "	26 ¹ / ₂ " x 42 ¹ / ₂ "
Gas Pipe Size at Furnace	1/2"	1/2"	1/2"	1/2"
Vent Pipe Opening	4"	4"	5"	5"
Floor to Center Line of Vent	22"	22"	22"	22 ¹ / ₂ "
Shipping Weight	108 lbs.	126 lbs.	152 lbs.	181 lbs.

*L.P. Conversion Kits available – Specify altitude if other than 2,000 ft elevation.

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for over 120 years

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