

NAT.
GAS
& LP

10
YEAR
LIMITED
WARRANTY

COZY
HEATING
SYSTEMS

CHALLENGER FLOOR FURNACE

The Cozy Challenger Floor Furnace provides warm, even heat through the natural convection of circulating warm air. The scientific design of this Cozy furnace ensures a high volume air exchange-as much as three to five times per hour-guaranteeing uniform temperatures throughout your home.

The Cozy Challenger Floor Furnace features a factory-mounted control with built-in pressure regulator and 100% safety pilot. The millivolt controls require no electricity to operate, so losing heat during a power failure is never an issue.



COZY CHALLENGER FEATURES:

- *Narrow Width - 30,000 BTU Model*
- *Continuous-Seam Welded Combustion*
- *Inner Jacket is suspended with "U" type interlocking brackets & is easily removed for cleaning.*
- *Jet Tube Burners*
- *100% Safety Pilot / Built-In Pressure Regulator*
- *Low BTU Pilot*
- *Safety Limit Control*
- *Wall Thermostat*
- *Draft Diverter*
- *Matchless Spark Ignition*

* NOT APPROVED FOR INSTALLATION IN CANADA



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Cozy Heating Systems

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CHALLENGER

FLOOR FURNACE



Natural Gas Models*	90N302B	90N502B	90N622B
BTU Input / hr	30,000	50,000	62,000
Width & Length	14" x 32"	22" x 32"	24" x 38"
Height Overall	29 1/4"	29 1/4"	29 7/8"
Grill Size Overall	16" x 34 1/8"	24" x 34"	26" x 40"
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"
Gas Pipe Size at Furnace	1/2"	1/2"	1/2"
Vent Pipe Opening	4"	4"	5"
Floor to Center Line of Vent	22"	22"	22"
Shipping Weight	108 lbs.	126 lbs.	152 lbs.
Natural to Propane Conversion Kits	M118735	M118737	M118738
Millivolt Wall Thermostat	74592	74592	74592

*Specify altitude if other than 2,000 ft. elevation.



The combustion chamber is precision-formed, continuous-seam welded 18-gauge steel, and warranted for 10 years against rust out or burnout. The outer casing is constructed of heavy-duty galvanized steel, lapped and spot-welded for rugged durability.

The Cozy Challenger occupies no room space and is easily installed between floor joists. Three different models are available to fit virtually any application, while the heavy-duty steel baked enamel floor grill blends perfectly with any flooring composition - hardwood, carpet or tile.

THE SAFETY LIMIT CONTROL OFFERS TWO DIFFERENT SETTINGS TO ENSURE PROPER PERFORMANCE IN ANY WEATHER.

<p style="text-align: right;">Damper Open</p>	<p>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.</p>	<p style="text-align: right;">Damper Closed</p>	<p>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.</p>
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WARNING: This product can expose you to chemicals including epichlorohydrin which is known to the State of California to cause cancer and birth defects and/or other reproductive harm. For more information go to www.p65warnings.ca.gov