

# PEAK Performance™

## 80% Deluxe 2-Stage Gas Furnaces



Model G8D Shown

*These deluxe gas-fired furnaces provide a unique combination of energy savings, plus they operate at lower sound levels than conventional furnaces and provide levels of comfort unmatched by single-stage models.*

*Setting The Performance Standard™*

# **LUXAIRE®**

HEATING ■ AIR CONDITIONING

### ■ 80% Efficiency to Reduce Heating Costs.

At 80% AFUE, these quiet and reliable 2-Stage gas furnaces can reduce heating costs as much as 25% compared to most furnaces over 15 years old.

### ■ Saves Fuel.

Our hot surface ignition doesn't waste fuel as a standing pilot light does. Self-cleaning "Inshot" burners precisely regulate the flame into the center of the high-efficiency tubular heat exchanger, where a powerful 2-Stage inducer fan regulates heat flow.

An advanced computerized control module constantly monitors the operation for top performance, while making servicing more efficient.

### ■ 2-Stage Capacity.

2-Stage engineering allows the units to comfortably warm your home, at low input capacity during mild weather conditions (which can encompass up to 80% of the winter heating load hours). During 1st Stage operation, the gas input is reduced to 65% of total capacity, the inducer fan motor and blower motor slow down and operate at a reduced rate, while operating efficiencies and register temperatures are maintained. During peak heating demand periods (approximately 20% of the total heating hours), the 2nd Stage operates, providing 100% of the furnace's heating capacity to maintain indoor comfort during the coldest days.

### ■ Quiet Operation.

For added performance, the air circulation blower compartment of the deluxe furnace is wrapped with a sound-absorbing, acoustic insulation.

### ■ Unmatched Comfort.

Besides saving on operating costs, 2-Stage operation allows the heating system to run longer. The longer run-cycle provides a level of comfort that is unsurpassed as compared with conventional furnaces. The occupants will find even, consistent temperatures throughout the conditioned space. Hard-to-heat, multi-level dwellings will be noticeably more comfortable. Additionally, indoor air quality is enhanced by extending the operating time of humidification and air filtration accessories. All models easily accept an electronic air cleaner. Ask about other available accessories.

## ■ Safety First.

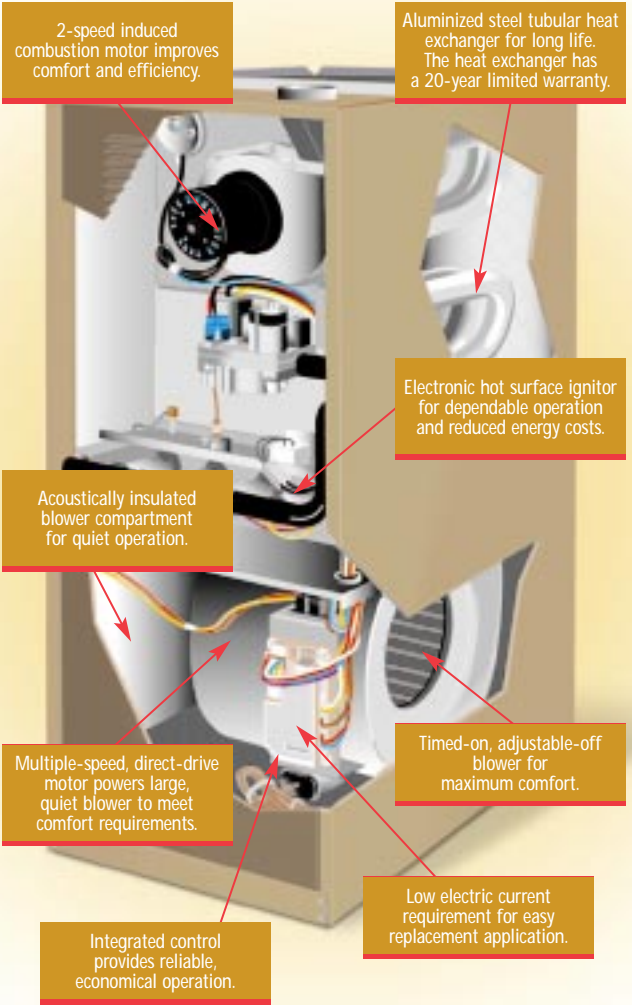
For your peace of mind, we've included a long list of safety features. For instance, specially-designed sensors shut off the unit if the burner fails to ignite properly, a flue blockage occurs, operating temperatures exceed the norm, or the blower door is removed. And the computerized control system constantly monitors all functions, just to make sure.

## ■ Designed to Fit almost Anywhere.

Our compact gas furnaces employ a multi-position upflow/horizontal and dedicated downflow design. That means these furnaces can be installed most anywhere: in a basement, garage, closet attic or alcove.

## ■ Durability in Every Detail.

Quality materials and manufacturing ensure that the entire system is built to last. The hot-surface ignition system is virtually maintenance-free. Our tubular heat exchangers are made without welds to resist the corrosion and cracks which can develop in die-formed exchangers. And the heavy-duty cabinet is made of pre-painted steel with an appliance-like finish which resists fading and corrosion.



### Complete Buyer Protection

Ask your dealer about Easy Financing from Luxaire. Applying takes just minutes, and, upon approval, you'll enjoy low monthly payments, special financing offers and no annual fee. You can use Luxaire's revolving credit to purchase new Luxaire equipment, accessories and service. Keep your family in comfort year 'round... apply and buy with your new Luxaire credit card today!



### Performance Promise™

Ask your dealer about our Performance Promise™ Extended Protection Plan. You can have complete peace of mind—with total parts-and-labor coverage on your system for up to 10 years.

#### G8D "PEAK PERFORMANCE" 80 AFUE DELUXE 2-STAGE UPFLOW/HORIZONTAL GAS FURNACE

Model Number	Heating Capacity (BTUH)		AFUE %	Dimensions (Inches)			Approx. Operating Weight (Lbs.)	Flue Diameter (Inches)	Maximum CFM @ .5 ESP	Available Cooling (Tons)
	Input MBH High/Low	Output MBH High/Low		Height	Width	Depth				
G8D06012UHA11*	57/42	46/34	80.0	40	14-1/2	28-1/2	105	4	1330	1-1/2, 2
G8D08012UHA11*	80/59	64/48	80.0	40	14-1/2	28-1/2	117	4	1330	2, 2-1/2, 3
G8D08016UHB11*	80/59	64/48	80.0	40	17-1/2	28-1/2	126	4	1795	3, 3-1/2, 4
G8D10012UHB11	100/65	80/53	80.0	40	17-1/2	28-1/2	128	4	1465	2, 2-1/2, 4, 5
G8D10020UHC11*	100/65	80/53	80.0	40	21	28-1/2	145	4	2115	3, 3-1/2
G8D12016UHC11	120/78	96/64	80.0	40	21	28-1/2	145	4	1780	3, 3-1/2, 4
G8D12020UHC11*	120/78	96/64	80.0	40	21	28-1/2	147	4	2115	3-1/2, 4, 5

\*Available in LoNox. Must be ordered with the L8D prefix.

#### G8D "PEAK PERFORMANCE" 80 AFUE DELUXE 2-STAGE DOWNFLOW GAS FURNACE

Model Number	Heating Capacity (BTUH)		AFUE %	Dimensions (Inches)			Approx. Operating Weight (Lbs.)	Flue Diameter (Inches)	Maximum CFM @ .5 ESP	Available Cooling (Tons)
	Input MBH High/Low	Output MBH High/Low		Height	Width	Depth				
G8D06012DNA11	57/42	46/34	80.0	40	14-1/2	28-1/2	110	4	1305	1-1/2, 2, 2-1/2, 3
G8D08012DNA11	80/59	64/48	80.0	40	14-1/2	28-1/2	120	4	1305	1-1/2, 2, 2-1/2, 3
G8D10012DNB11	80/59	64/48	80.0	40	17-1/2	28-1/2	130	4	1510	1-1/2, 2, 2-1/2, 3
G8D08016DNB11	100/65	80/52	80.0	40	17-1/2	28-1/2	125	4	1840	3, 3-1/2, 4
G8D12020DNC11	120/78	96/64	80.0	40	21	28-1/2	150	4	2190	3-1/2, 4, 5

Setting The Performance Standard.



Unitary Products Group  
5005 York Drive  
Norman, OK 73069

036-11314-001 (0101)

Supersedes: 000.00-0000 (000)  
©2001 Unitary Products Group. All rights reserved.  
Subject to change without notice. Printed in U.S.A.