



PARADIGM 2G

CONDENSING OIL-FIRED FURNACE



UNMATCHED PERFORMANCE, SAVINGS AT YOUR REACH

THE PARADIGM 2G CONDENSING OIL-FIRED FURNACE IS THE FIRST OIL-FIRED FURNACE BUILT FOR HOMEOWNERS WHO EXPECT UNSURPASSED PERFORMANCE AND ENERGY EFFICIENCY. ITS INNOVATIVE OPERATION WILL HAVE YOU PROFIT FROM A 95%+ HEATING EFFICIENCY ALONG WITH SUPERIOR PERFORMANCE AND COMFORT. THIS PERFORMANCE COULD HELP YOU SAVE UP TO 40% ON YOUR HEATING OIL CONSUMPTION AND COULD REDUCE YOUR GREENHOUSE GAS (GHG) EMISSIONS BY UP TO 3,000 LB./YR! IN ADDITION TO ITS ATTRACTIVE LOOK, THE PARADIGM 2G HOLDS THE ENERGY STAR® CERTIFICATION AT ALL FIRING RATES. ITS CONCEPTION COMBINING PERFORMANCE AND DURABILITY WILL BRING YOU THE BEST COMFORT POSSIBLE AND THE EASE OF MAINTENANCE THAT YOU ARE LOOKING FOR.



FEATURES

1 ROBUST AND DURABLE COMBUSTION CHAMBER

- 100% premium stainless steel construction
- European design
- Heats up more quickly
- Helps in maintaining a more even temperature in the home
- Brings additional heating oil savings compared to conventional appliances
- More durable
- Easier to service

2 SECONDARY TUBULAR HEAT EXCHANGERS

- 100% welded one-piece heat exchanger, no bolts and fasteners
- 100% premium stainless steel
- Provided with stainless steel baffles to maximize heat transfer from the heat exchanger
- The tubular design of the secondary heat exchanger provides a quiet and maximum thermal exchange
- Due to its low restriction to the circulating air, this appliance is compatible with today's high-efficiency heat pumps or air conditioning systems

3 HIGH-EFFICIENCY BLOWER

- Blower supplied with high-efficiency ECM motor
- Brings additional operating utility savings compared to conventional blower motors
- Innovative blower removal system for easy servicing and maintenance

4 SAFE AND EASY-TO-USE ELECTRONIC CONTROL

- Oversees the safe burner operation and speeds of the fan motor
- Provides on-board connections for optional electronic air cleaner and humidifier
- On-board connections for A/C systems
- Continuous low-speed fan switch
- Compatible with heat pumps operating controls

5 HIGH-EFFICIENCY BURNERS

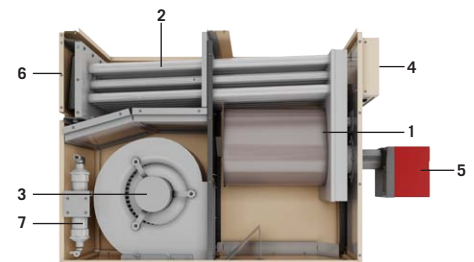
- Offered with high static pressure oil burners that offer a better control of the combustion excess air allowing for a cleaner and more efficient combustion
- Electronic safety controls
- High-power electronic ignition

6 VENTING OPTIONS

- Balanced flue burner with through-the-wall or through-the-roof coaxial or two-pipe venting systems using PVC plastic piping
- Single-pipe PVC plastic venting using an existing chimney chase along with a standard burner
- Comes standard with an auto-reset pressure switch protection device in case of flue or air intake blockage

7 NO DAMAGE TO THE ENVIRONMENT

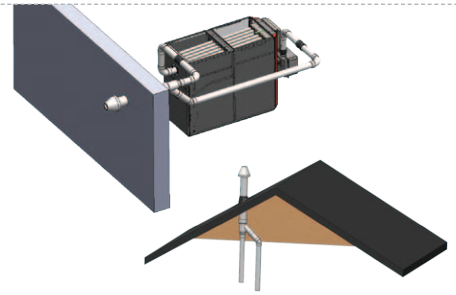
- Factory-installed condensate neutralizing cartridge
 - Neutralizes the acid content on the condensate liquid to allow evacuation of the condensate liquid to the house's plumbing
 - Supplied with every furnace
 - Easy to replace



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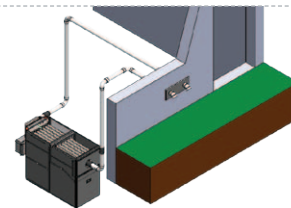


COAXIAL PVC PLASTIC VENTING THROUGH THE WALL OR THROUGH THE ROOF



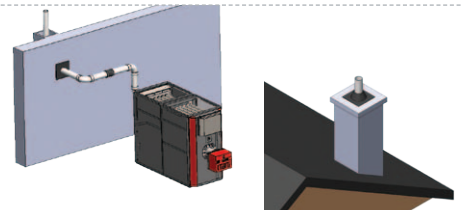
- Ideal for installation where there is no chimney
- Sealed combustion using balanced flue burner
- Simple installation

TWO-PIPE PVC PLASTIC VENTING THROUGH THE WALL



- Ideal for installation where there is no chimney
- Sealed combustion using balanced flue burner
- Can run greater distances than plastic coaxial venting
- Simple installation

SINGLE-PIPE PVC PLASTIC VENTING THROUGH AN EXISTING CHIMNEY CHASE



- Single-pipe venting using an existing chimney chase
- The most economical and simple venting option
- Single-pipe installation using a standard burner
- Can run long horizontal distances
- Ideal when through-the-wall venting options are not possible

Specifications

Firing rate USGPH	0.55 and 0.65
Input capacity MBTU/H	77 and 91
Output capacity MBTU/H	74 and 87
AFUE % ^{1,2}	95.8
ENERGY STAR certification at every firing rate ^{1,2}	Yes
A/C ready electronic operating control	Yes
Chimney vent	No
Direct vent – Granby DVS	No
PVC plastic through the wall or roof venting options	Yes
PSC blower motor hp – number speeds ¹	N/A
ECM blower motor hp – number speeds ^{1,2}	1/2 hp – 5

Dimensions (in.)

Height	36 7/8
Width	21 1/2
Depth	50 1/4
Supply plenum size	20 x 20
Return plenum size	20 x 20

¹ Certification to ENERGY STAR version 2.0

² Certification to ENERGY STAR version 3.0

COMPARATIVE ANNUAL HEATING OIL CONSUMPTION CHART

	2,000 L	2,500 L	3,000 L
FURNACE AFUE OF 65%	3,000		
FURNACE AFUE OF 75%	2,600		
FURNACE AFUE OF 85% (ENERGY STAR minimum)	2,294		
PARADIGM 2G 95.8%	2,044		

Example of a yearly heating oil consumption (US gallons)

* Annual Fuel Utilization Efficiency

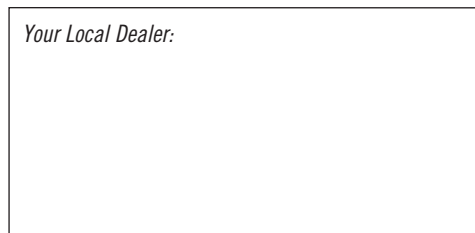


Reference guide only. For most recent technical information refer to product manuals at www.granbyindustries.com



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