



HIGH EFFICIENCY CONDENSING WATER BOILERS

DEPENDABLE COMFORT
SUPERIOR DESIGN



The Comfortable Choice For Your Home & Business

Conforto (HE) gas boilers heat the water circulating throughout your home or business, radiating heat evenly.

- **LABOR SAVER™ Manifold included.**
The pre-manufactured primary/secondary piping saves time and money on the job site.
- **Anti-wind Function**
Control automatically adjusts the fan speed to prevent loss of flame and lockouts
- **Flame Stabilization**
Control allows the flame to stabilize before modulating, preventing flame drop outs and recycling



Floor Standing Model Shown

Floor Standing Only

UCS 240

- Residential / Light Commercial
- 240 MBH

UCS 380

- Commercial Offering
- 380 MBH

Hydronic heating radiates a comfortable, cozy warmth, with a noticeable difference you can feel.

Our boilers are compatible with every type of hydronic heating system; radiant floors, freestanding radiators, baseboard radiators, and heated towel warmers.

A CLOSER LOOK UCS 240

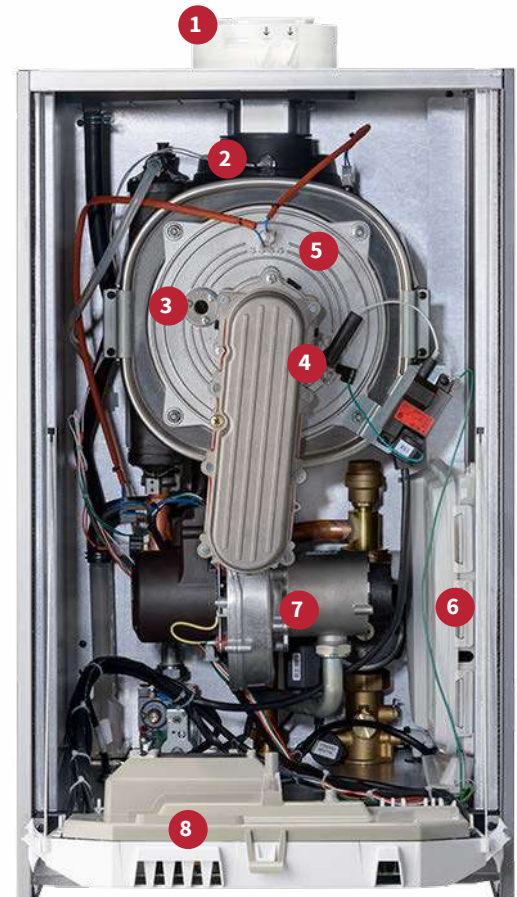
The UCS 240 is perfect for residential or light commercial applications.

The 95% AFUE* and ENERGY STAR® certification, allows you to qualify for provincial, federal, or local utility company rebates. You will reduce your fuel costs and your environmental footprint as well!

6.7:1 Modulation Turndown Ratio saves energy by reducing the amount of gas used. By automatically modulating the gas input to match the heating level needed, the boiler operates at optimum efficiency resulting in savings for you!

Optional Floor Base Kit is available when the installation does not allow for a wall mounted solution. Boiler connections are easily accessible through the removable panels of the Optional Base.

- | | |
|---------------------------|---------------------------------|
| 1. Coaxial Flue Connector | 5. Heat Exchanger |
| 2. Pressure Switch | 6. Auxiliary Control Panel |
| 3. Combustion Sight Glass | 7. Built-in Boiler Pump |
| 4. Flame Sensor/Ignitor | 8. Digital Display w/Back-light |



TAKE ADVANTAGE OF
REBATES
with 95% AFUE*



*The AFUE (Annual Fuel Utilization Efficiency) ratio measures how efficiently fuel is transformed into heat for your home. The higher the AFUE rating the less fuel is needed.

MULTIPLE BOILER PACKAGES AVAILABLE

Pair the **UCS 240/380** with one of our staging controls and 2-4 boilers for special package pricing!

Installing multiple boilers provide many benefits:

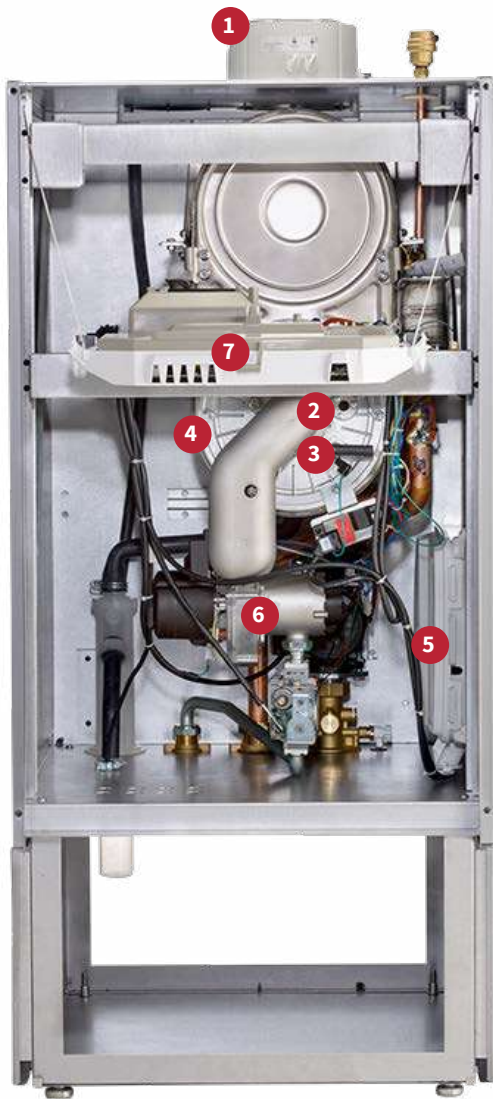
- Improved Efficiency
- Built-in Redundancy
- Installation Flexibility
- Improved Serviceability
- Improved Boiler System Longevity



AMB4B
MBC Staging Control



Thanks to our High-Efficiency boilers, you'll not only reduce your fuel costs, but you're environmental footprint as well.



A CLOSER LOOK UCS 380

The **UCS 380** is ideal for commercial applications. The 95% Thermal Efficiency* allows you to reduce your fuel costs and your environmental footprint as well!

An impressive **10.5:1 Modulation Turndown Ratio** can meet varying load demands, saving energy and reducing fuel costs!

Optional Plug-and-Play CSD-1 Kits are available where local code requires. Includes Manual Reset Low Water Cut Off (LWCO) and High Limit.

Compact Floor Standing Design features built-in leveling legs and a removable one-piece front jacket and lower side panels for easy access.

- | | |
|---------------------------|---------------------------------|
| 1. Coaxial Flue Connector | 5. Auxiliary Control Panel |
| 2. Combustion Sight Glass | 6. Built-in Boiler Pump |
| 3. Flame Sensor/Ignitor | 7. Digital Display w/Back-light |
| 4. Heat Exchanger | |

TAKE ADVANTAGE OF
REBATES
WITH **95%**
THERMAL EFFICIENCY*



* Heating equipment efficiency for equipment above 350MBTU, is measured by the Thermal Efficiency rating. It measures how efficiently fuel is transformed into heat for your home. The higher the Thermal Efficiency rating, the less fuel is needed.



OPTIONAL INDIRECT TANK CONNECTION

Stainless Steel Indirect Hot Water Heater is available in 40 to 80 gallon capacities, featuring 316L stainless steel construction and accessible connections for an easy installation.

- Large Heat Exchanger Coils
- Smooth Stainless Steel Coil
- 1-1/2" Hot & Cold Water Tappings
- Low Pressure Drop



Optional Indirect
Tank Sensor

RATINGS

| MODEL | INPUT MBH ⁽¹⁾ | | AHRI CERTIFIED RATINGS | | | VENTING | | DIMENSIONS | | | | |
|---------|--------------------------|-----|--|---------------------------------|---------------------------|--|---|-------------------------|---------|----------|---------|------------------|
| | MAX | MIN | Heating Capacity MBH ⁽¹⁾⁽²⁾ | Net Water MBH ⁽¹⁾⁽³⁾ | Efficiency ⁽²⁾ | Coaxial ⁽⁴⁾ Diameter (Inches) | 2-Pipe ⁽⁴⁾ Diameter (Inches) | Water Content (Gallons) | Width | Height | Depth | Ship Weight Lbs. |
| UCS 240 | 241 | 36 | 216 | 188 | 95% AFUE | 3" / 5" | 3" | .8 | 17-3/4" | 31-1/16" | 23" | 145 |
| UCS 380 | 379 | 35 | 348 | 303 | 95% Thermal | 4" / 6" | 4" | 4.6 | 23-5/8" | 50" | 25-1/2" | 255 |

(1) 1000 Btu/hr (British Thermal Units Per Hour)

(2) Heating Capacity and AFUE (Annual Fuel Utilization Efficiency) are based on DOE (Department of Energy) test procedures

(3) Net Water Rating shown based on piping and pickup allowance of 1.15. Consult manufacturer before selecting boilers for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

(4) Refer to IOM and vent pipe manufacturer's instructions for equivalent lengths and approved venting materials.

Adapters and fittings used with all vent systems shall be from the same manufacturer and compatible with vent pipe.

CONNECTIONS / TAPPINGS

| | UCS 240 | UCS 380 |
|---|----------|----------|
| A: Condensate Drain | 3/4" NPT | 3/4" NPT |
| B: Gas Inlet & Shutoff | 3/4" NPT | 1" NPT |
| C: Boiler Supply | 1" | 1-1/2" |
| D: Boiler Return | 1" | 1-1/2" |
| E: System Supply & Return with Manifold | 1-1/2" | 1-1/2" |

ELECTRICAL

120 Vac, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)

STANDARD EQUIPMENT

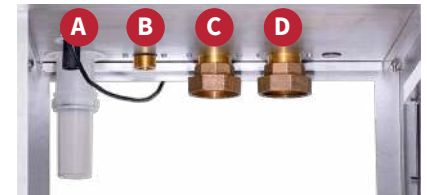
Boiler Control Module: High Limit/Electronic Ignition Control
 User Display Interface: Digital Temp. Display with diagnostics and programmable settings.
 Heat Exchanger: 316L Stainless Steel
 Combustion: Stainless Steel Burner, Direct Spark Ignition, Combination Flame Sensor and Ignitor
 Other: Assembled Boiler with Jacket, Built-In Boiler Loop Pump, 50 psi Relief Valve, Low Water Pressure Sensor, Temperature/Pressure Gauge

OPTIONS

Outdoor Temperature Sensor, Indirect Tank Sensor, Floor Base Kit (UCS240), CSD-1 Kits available for both models (includes Manual Reset Low Water Cut Off as well as High Limit)

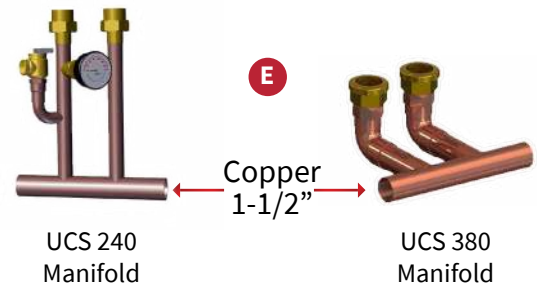


Bottom of UCS 240



Bottom of UCS 380

LABOR SAVER™ Manifold Included



UCS 240 Manifold

UCS 380 Manifold



www.granbyindustries.com

All specifications subject to change without notice.
 Rev. [08/29/22]



Tested for 50 psi. ASME on 240 Model
 Tested for 80 psi. ASME on 380 Model
 Maximum Allowable Working Pressure

