

+HYBRID™ CONDENSED

+ Introducing the Eternal Condensing Hybrid™. Through the magic of science, our engineers squeezed all the innovations of the award winning original into a smaller, smarter, sleeker and every bit just as powerful unit.

Clean

- 316L Stainless Steel Heat Exchanger w/built in 2 gallon reserve tank
- Meets NSF Standards for health and cleanliness
- Ultra low emissions (1ppm CO) leaves almost no carbon footprint and is safe
- Patented self-cleaning utilizes turbulent flow to flush sediments out

Clever

- 98%+ Efficiency saves cost, exceeds Energy Star, and qualifies for Tax and LEED credits
- Compact chassis can wall or floor mount; standard water connects on top
- Flexible NG / LP / Indoor / Outdoor / Direct Vent / Power Vent conversions in one unit
- 2" PVC up to 35ft or 3" PVC venting up to 100ft
- Dual Core CPU displays error codes and optionally controlled by up to 3 remotes
- Clip-on components can be easily serviced by technicians

Confident

- Full flow design enables high output without water pressure drop
- Thermostat and Flow – Dual Activation is compatible with Water Sense fixtures
- Easy integration with recirculation and no startup lag eliminates cold water sandwich
- Meets UL / CSA / ANSI / NSF and UPC standards
- Industry's BEST 20 year residential and 10 year commercial Heat Exchanger warranty



eternal ®
ADVANCED HYBRID WATER HEATING

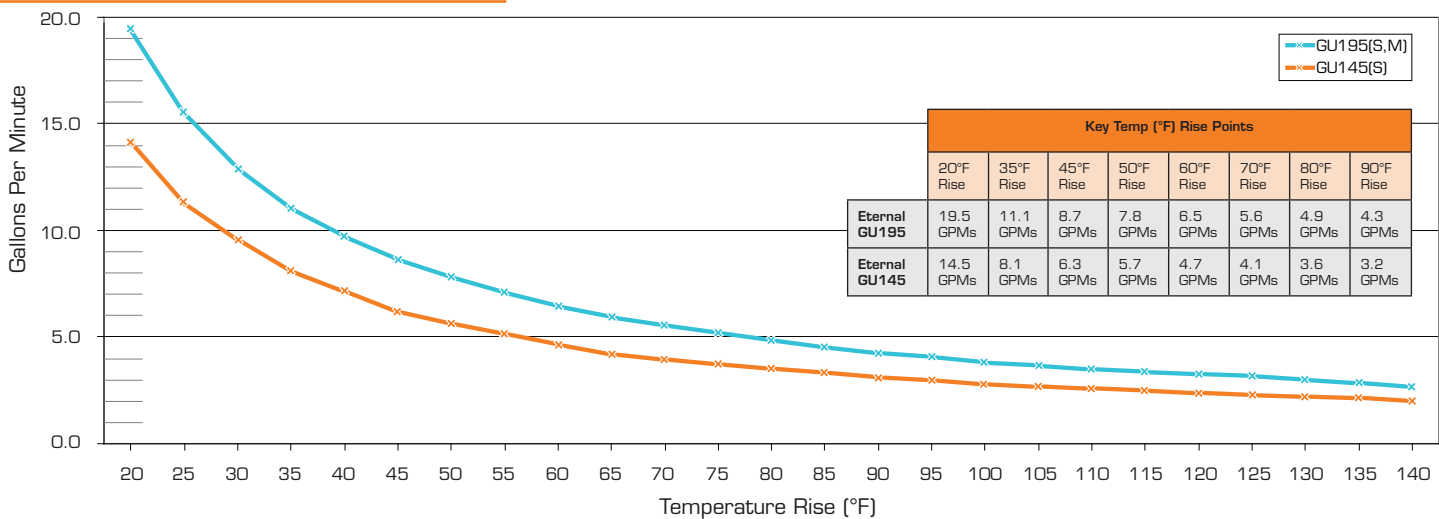


PRODUCT SPECS

| | | GU145 / GU145S | GU195S / GU195M |
|------------------------------------|---------------------------------|--|------------------------------|
| Thermal Efficiency / Energy Factor | | 98% NG / 99% LP / 0.96 Energy Factor | |
| Installation | | Indoor / Outdoor / Wall Hung / Floor Standing | |
| Flue System | | Sealed Combustion Direct Vent / Power Vent Convertible | |
| Vent Run | 3" PVC / 2" PVC* | Up to 100ft, 6 Elbows Max, 5ft Deduction Per Elbow / Up to 35ft, 3 Elbows Max, 5ft Deduction Per Elbow | |
| Condensate Discharge | Low Fire / Med Fire / High Fire | 0.5GPH / 1.1GPH / 1.75GPH | |
| Condensate pH Level | | 4 pH | |
| Gas Type | | Pre-set for NG / LP Conversion Kit Included | |
| Unit Connections | Gas and Water | 3/4" Female NPT | |
| | Electricity | Dedicated 120VAC, 60Hz w/3 Pronged Power Cord | |
| Gas Input Rate | Min / Max | 31,000 BTU/Hr / 145,000BTU/Hr | 31,000BTU/Hr / 199,000BTU/Hr |
| Gas Supply Pressure | NG / LP | 3.5"WC to 10.5"WC / 8"WC to 14"WC | |
| Manifold Pressure | Min / Max | 0.1"WC / 1.8"WC | 0.1"WC / 3.3"WC |
| Ignition System | | Direct Electronic Ignition w/Automatic Flame Sensing | |
| Burner System | | Single Orifice Premixed Fuel Injection Metal Fiber Infrared | |
| Gas Valve System | | Dual Stage Negative Pressure Full Modulation Air Ratio | |
| Internal Piping Material | | Standard - Copper / S Option - 316L SS / M Option - 316L SS + MCU | |
| Reserve Tank | | Under 2 Gallons | |
| Electrical Consumption | | Standby 8w, Max 51w | Standby 8w, Max 91w |
| Maximum Noise Level | | 40dB (a) | 50dB (a) |
| Remote Controller | | Up to 3 kits | |
| Multi Contol Unit (MCU) | | Up to 2 in manifold, No Built-In MCU / M Option - MCU up to 8 Units | |
| GPM Capacity Range | | 0.1 to 14.5 GPM | 0.1 to 19.5 GPM |
| Temperature Sensing | | Tank, Cold Inlet, Hot Outlet, Air Thermistors | |
| Temperature Control | | Simulation Feed Forward and Feed Back, Computer Controlled Mixing Valve | |
| Flow Sensing | | Dual Flow Sensors w/Built-in GPM Monitor | |
| Temperature Settings Range | | 100F to 180F in 5F Steps, Factory Limited to 140F | |
| Unit Dimensions (WxHxD) | | 16.9" x 29.1" x 13.8" | |
| Unit Weight | | 96lbs / M Option - 97lbs | |
| Safety Devices | | T&P Valve, Flame Rod, Thermal Fuse (306F), Remaining Flame Detection, Fan RPM Check, Freeze Protection (-4F), Vent Blockage Detection, Thermostat Switches (167F / 203F), Gas Valve Current Leak Detection, Ignition Prevention, Dipswitch Temperature Lock, GFCI w/2 x 5A Fuses | |

* 2"PVC Cannot be used at elevations above 4,000ft

ETERNAL HOT WATER MINIMUM FLOW RATE DATA



US Patent No 6,945,197 and patents pending / © 2009 Grand Hall - In the interest of product development, Eternal product designs, features and specifications are subject to change without notice.
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