



EXALT COMBI AND SOLO

Exclusive partnership with F.W. Webb



Exalt Combi and Solo

The Exalt is available as both Combi and Solo models.

Combi sizes are available in 155 and 199 MBH for all your home heating and your hot water needs.

Solo sizes come in 110, 155, 199 MBH and can be cascaded up to six boilers.

12
YEAR WARRANTY

Market Leading Warranty Program with coverage up to 6 yr. parts, 3 yr. labor & 12 yr. heat exchanger



2" vent on 110 & 155 up to 28'



3" vent up to 100'



Stainless Steel Fire Tube Heat Exchanger



Quick-dose system inhibitor/protector included

8:1

Turndown ratio of 8:1



Easy troubleshooting in plain text, no codes

WELCOME TO THE IDEAL FAMILY

The Ideal hydronic range of boilers have been specifically developed for the USA

We believe the last thing to worry about is your heating. This is why we go the extra mile for our customers. The Ideal family is one of the largest boiler manufacturers in Europe producing over 400,000 boilers per year for the UK market.

Through a new partnership with FW Webb we have, for the first time, developed a unique range of products for the USA. This new range of boilers has been designed to meet all current standards and regulations for residential gas boilers in the USA. This new range will be available through FW Webb.

Features & specification

INDUSTRY LEADING WARRANTY PROGRAM

- Standard - 2-year parts and 10-year primary heat exchanger warranty
- Plus - 5-year parts, 2-year labor allowance, and 10-year primary heat exchanger warranty with registration
- Elite - 6-year parts, 3-years labor and 12-year heat exchanger warranty offered with registration, combustion analysis and hydronic system treatment. See warranty for details.

STAINLESS STEEL FIRE TUBE HEAT EXCHANGER

- ASME Certified
- 50 PSI Maximum working pressure

VENTING

- 2" Vent Exalt 110 & 155 up to 28'
- 3" Vent all models up to 100'
- 3 in 1 Universal vent adapter directly accepts PVC, Polypropylene and Stainless Steel

COMBI FEATURES

- Endless hot water
- Large brazed plate heat exchanger to maximize efficiency
- Condensing in DHW Mode

CTRLMAX CONTROL SYSTEM

- EZ Setup allows for quick 60 second setup
- Easy troubleshooting in plain text, no codes
- Operate up to 3 circulators
- Outdoor reset to optimize efficiency
- Domestic hot water priority to maximize hot water production
- Accepts 0-10 VDC signal
- ModBus ready

INTEGRATED CASCADE

- Integrated cascade function for up to 6 Exalt Solo boilers

Technical Specification

| EXALT MODEL | Solo 110 | Solo 155 | Solo 199 | Combi 155 | Combi 199 |
|--------------------------------------|----------|----------|----------|-----------|-----------|
| Min Input (BTU) | 13,750 | 19,375 | 24,875 | 19,375 | 24,875 |
| Max Input (BTU) | 110,000 | 155,000 | 199,000 | 155,000 | 199,000 |
| Turndown Ratio | 8:1 | 8:1 | 8:1 | 8:1 | 8:1 |
| AFUE | 95% | 95% | 95% | 95% | 95% |
| DOE Heating Capacity (MBH) | 102 | 142 | 184 | 142 | 184 |
| AHRI Net Rating (MBH) | 89 | 123 | 159 | 123 | 159 |
| Fuel | NG & LP | NG & LP | NG & LP | NG & LP | NG & LP |
| Gas Connection | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" |
| Supply / Return Connections | 1" | 1" | 1" | 1" | 1" |
| Domestic Inlet/Outlet Connections | - | - | - | 3/4" | 3/4" |
| Vent/Air Connections* | 3" | 3" | 3" | 3" | 3" |
| 2" Maximum Vent Length | 28' | 28' | - | 28' | - |
| 3" Maximum Vent Length | 100' | 100' | 100' | 100' | 100' |
| Water Volume (Gallons) | 2 | 3 | 4 | 3 | 4 |
| DHW Output GPM (70°F Rise) | - | - | - | 4.0 | 5.3 |
| DHW Output GPM (75°F Rise) | - | - | - | 3.7 | 4.9 |
| DHW Output GPM (80°F Rise) | - | - | - | 3.5 | 4.6 |
| DHW Minimum Flow Rate (GPM) | - | - | - | 0.5 | 0.5 |
| DHW Maximum Operating Pressure (PSI) | - | - | - | 150 | 150 |
| CH Maximum Temperature (°F[°C]) | 185 (85) | 185 (85) | 185 (85) | 185 (85) | 185 (85) |
| DHW Maximum Temperature (°F[°C]) | - | - | - | 150 (65) | 150 (65) |
| Cabinet Height | 26" | 26" | 26" | 33" | 33" |
| Cabinet Width | 21 3/4" | 21 3/4" | 21 3/4" | 21 3/4" | 21 3/4" |
| Cabinet Depth | 16 1/2" | 16 1/2" | 16 1/2" | 16 1/2" | 16 1/2" |
| Weight (Lbs) | 88 | 99 | 119 | 110 | 128 |

*Due to large variation in CV of propane, only 3" venting on LP installations

Customer Service

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