



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

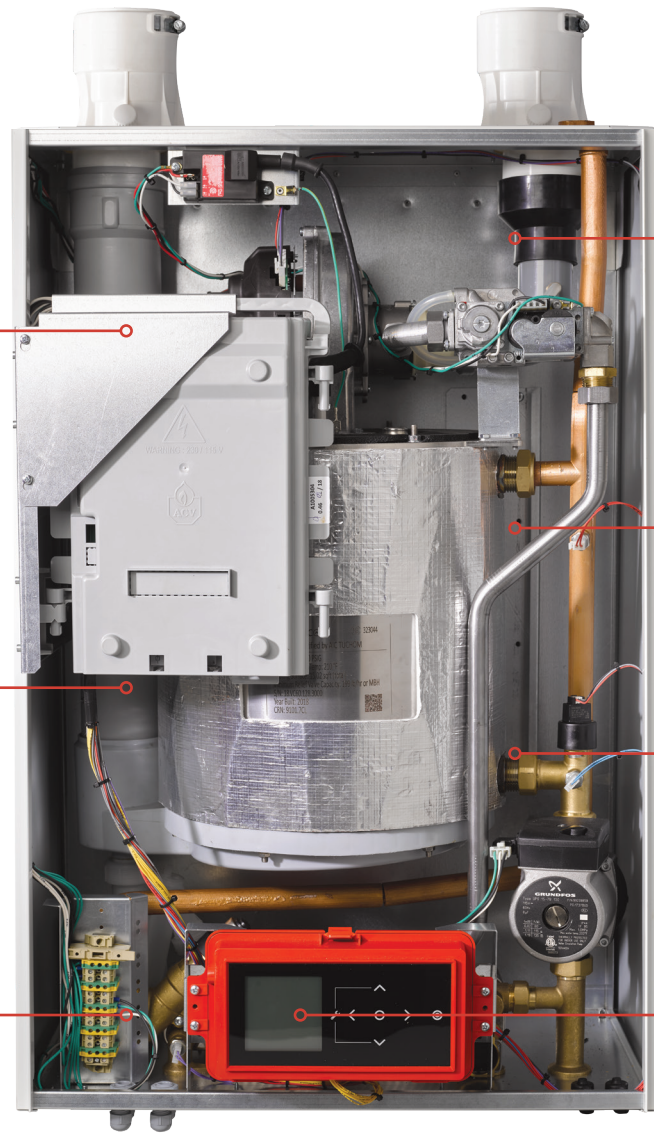
Market Leading Warranty Program with coverage up to 6 yr. parts, 3 yr. labor & 12 yr. heat exchanger



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

800-411-9999

Email:

Techsupport@idealusa.com

Customerservice@idealusa.com

Corporate office

800-411-9999

Email:

Sales@idealusa.com

Info@idealusa.com

2019-14-25.05.28

