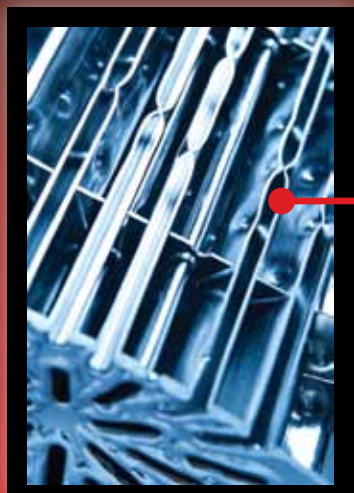
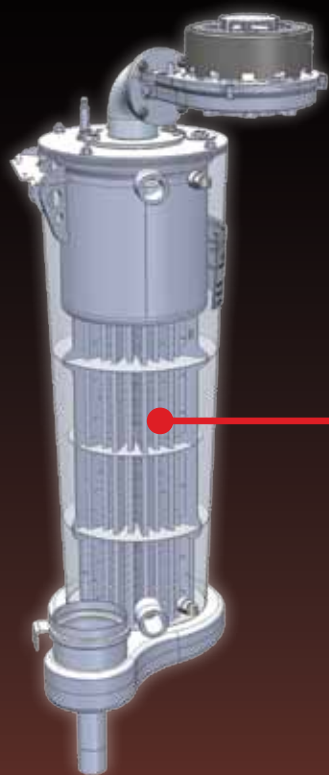




Elite FT

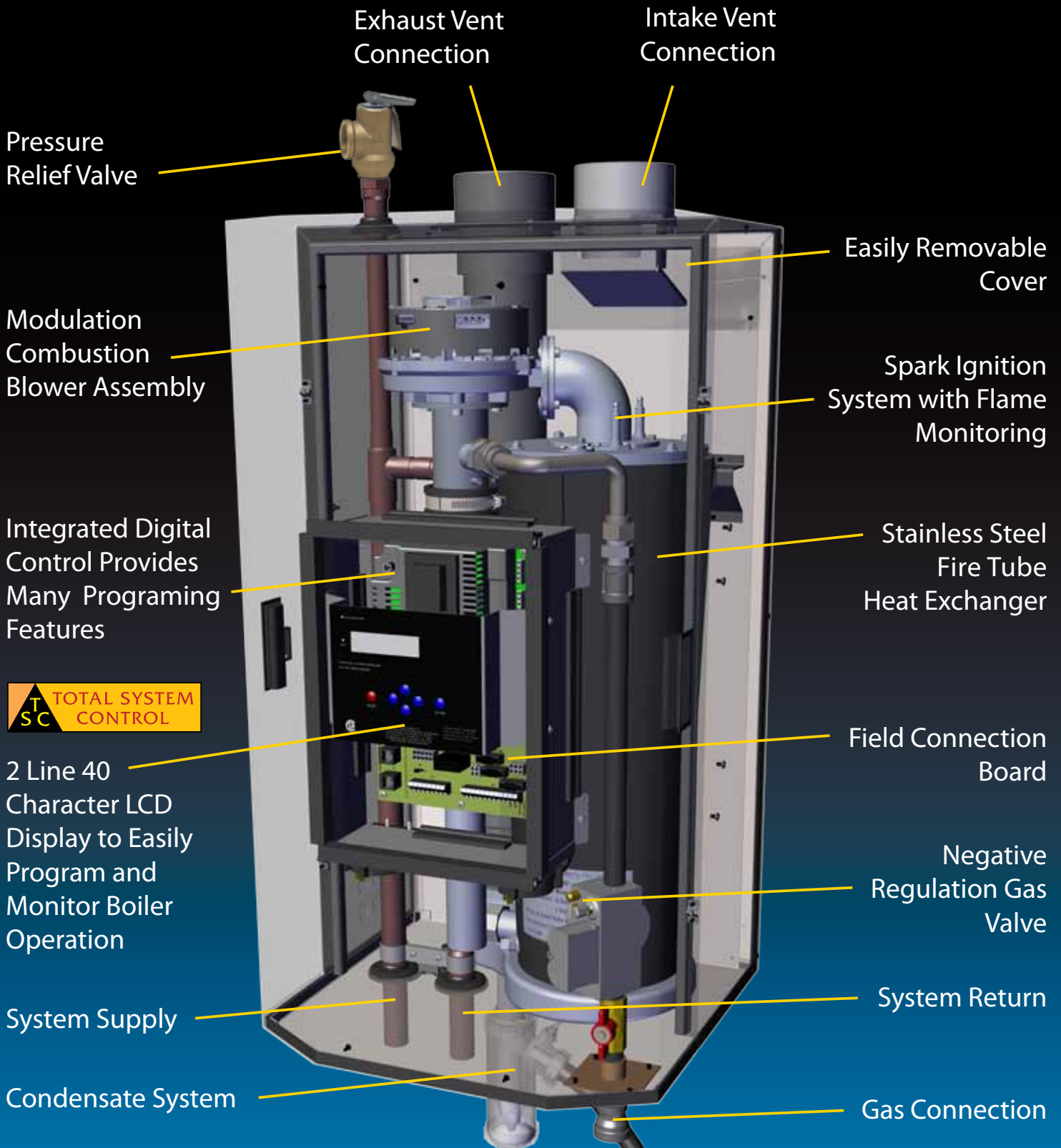
High Efficiency Fire Tube Heating Boiler

Advanced Heating
and Hot Water Systems



One of a kind design from the inside, out!

A Closer Look



**Extremely Durable and Reliable Unit
Built for Serviceability – Minimal Maintenance Required**

Elite FT

High Efficiency Fire Tube Heating Boiler

Highly Efficient Product

Up to **97%** operating efficiency

Reduces heating costs

Outdoor reset lowers operating set point automatically to increase system efficiency

Modulating burner input matches system load, conserving energy and increasing system efficiency

Low NOx emission - Reduces environmental impact



Combustion Turndown up to 5:1

Matches heating load automatically

Modulate combustion fan down to 20% of firing rate

Target temperature can be maintained as heating demand increases or decreases. This provides greater comfort by eliminating temperature swings in the heating system



Stainless Steel Fire Tube Heat Exchanger

Down fire design, promotes self cleaning of combustion system

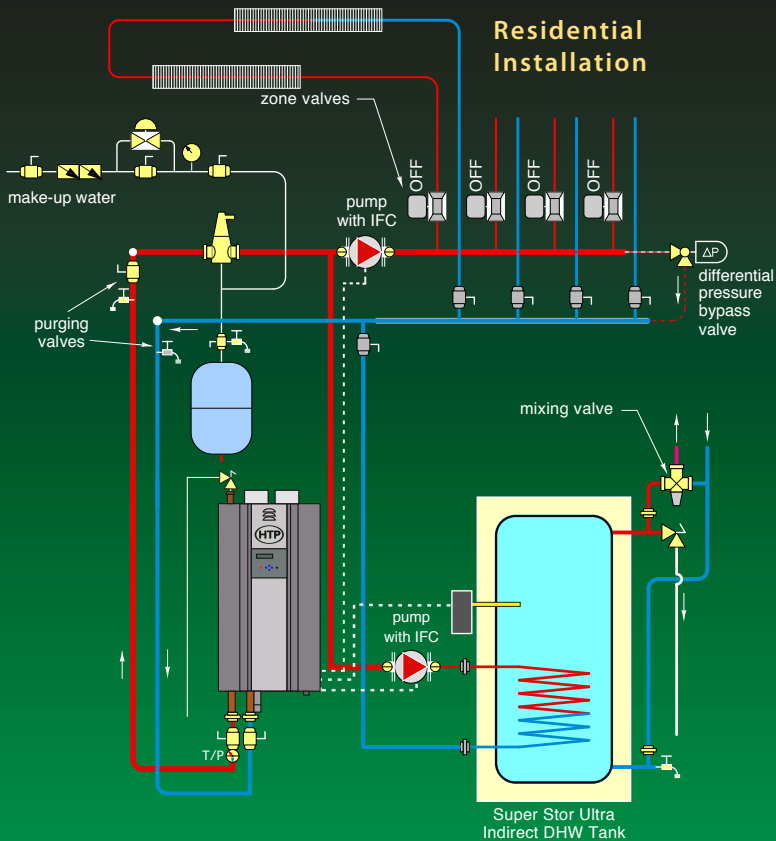
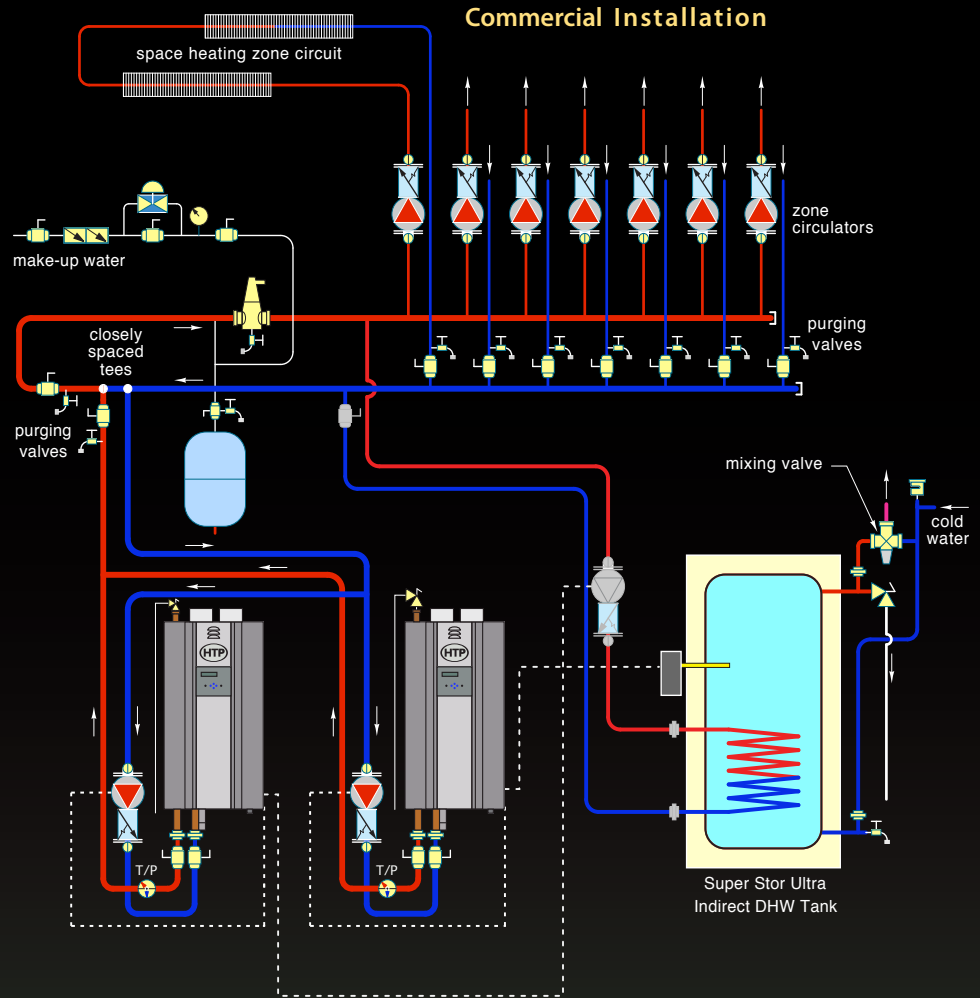
Durable high grade stainless steel construction provides extended service life

Increased thermal mass provides low pressure drop and eliminates short cycling

Compatible with glycol based systems

Built in condensate collection system

Residential and Commercial INSTALLATION



Versatility

3 models available: 55,000, 80,000 and 110,000 Btuh

Field convertible from Natural to LP gas

Wall hung for space savings

No primary / secondary piping required

Cascade up to 8 boilers - linked and sequenced to function together for commercial installations

the best option for today's green energy market!



Control Interface - TSC

Outdoor Reset: a sensor measures the outside air temperature and adjusts the boiler set point to increase comfort and efficiency.

Indirect water heater integration

Adjustable system freeze protection parameters

Ability to review boiler history

Modbus capability, and more....

Venting Options

Unbeatable combined vent length of 200 ft in 3" PVC pipe

Vents with standard PVC, AL29-4C, ULC636, or Polypropylene pipe

Room air intake

Balanced or unbalanced venting system



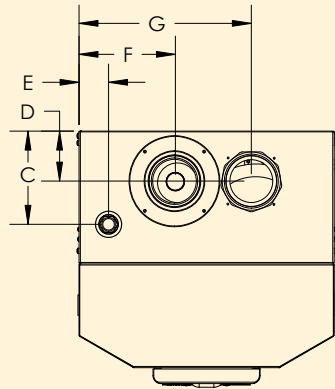
97% Efficient

Uses 20-30% less energy than required by federal standards

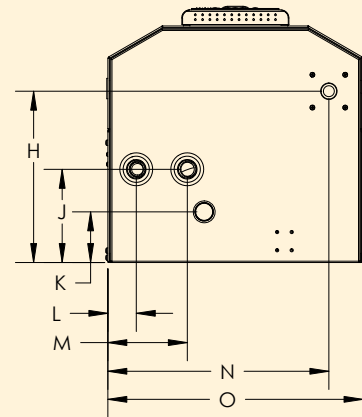
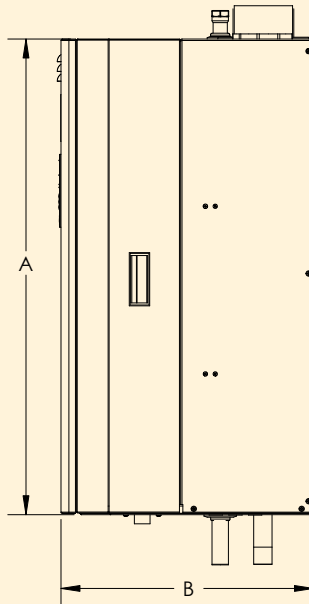
Environmentally friendly



Dimensions and Specifications



Top View



Bottom View

Model	Max. MBH	Min. MBH	AFUE	Heating Capacity MBH	A	B	C	D	E	F	G	H	J	K	L	M	N	O
EFT55	55	13	up to 97%	51	32 1/2"	17 3/8"	6 1/4"	3 1/2"	2 1/4"	6 1/2"	11 3/4"	12 1/2"	6 1/4"	3 1/2"	2"	5 1/2"	15"	17 1/2"
EFT80	80	17		79														
EFT110	110	22		102														

Model	Shipping Weight	Gas Conn.	Water Conn.	Air Inlet	Vent Size
EFT55 / EFT55PU*	125 lbs.	3/4"	1"	3"	3"
EFT80 / EFT80PU*	128 lbs.				
EFT110 / EFT110PU*	130 lbs.				

* ELite FT Model Shipped with a 3 Speed Pump with Integrated Flow Check

STANDARD FEATURES

- Up to 97% AFUE
- Modulating Burner
- 5:1 Turndown Ratio
- Venting Options
 - Concentric
 - 3" Pipe: Balanced or Unbalanced
- Limited 12 Year Warranty
- Wall Mounted
- Total System Control

INCLUDED IN THE BOX

- Temperature and Pressure Gauge
- Pressure Relief Valve
- Indirect Sensor & Outdoor Sensor
- Intake PVC w/ Screens
- Exhaust PVC Coupling w/ Screens
- Installation Manual
- Warranty
- Condensation Removal System
- Wall Mount

OPTIONAL EQUIPMENT

- Mod Bus Adapter
- 3", 4", 6" Stainless Steel Outside Termination Vent Kit
- 3" Concentric Vent Kit
- 3" Polypro Vent Kit
- 3" Polypro Pipe
- U.L. 353 Compliant Low Water Cutoff w/ Manual Reset
- Alarm System to Monitor Failures
- PC Connection Kit
- Condensate Neutralizer
- System Sensor
- 3 Speed Pump with integrated Flow Check