

Innovative Solutions for Heating and Domestic Hot Water Systems



Thermal Solutions is an industry-leading manufacturer of commercial and industrial hydronic products including high efficiency condensing boilers, near-condensing boilers, and hot water heaters. Our product line features reliable and easy-to-maintain products backed by decades of engineering expertise and product development, but the most important thing is your job and your specifications. Thermal Solutions has the people and products to provide a solution that fits your needs.

Condensing Boilers & Water Heaters



AMP L

- 5 models from 399 to 999 MBH
- 97% thermal efficiency 
- 98% thermal efficiency 
- 10:1 turndown ratio
- 3-in-1 vent connector
- Stackable - no rack required
- Outdoor-rated models available
- Concert control with color touch screen display



AMP

- 8 models from 1,000 to 4,000 MBH
- 97% thermal efficiency 
- 98% thermal efficiency 
- 5:1 turndown ratio
- 300' equivalent intake and exhaust
- Knockdown configuration
- Outdoor-rated model available
- Concert control with color touch screen display



Arctic

- 11 models from 999 to 6,000 MBH
- 95% thermal efficiency
- 5:1 turndown ratio (1,000-3,000 MBH)
- 20:1 turndown ratio (3,500-6,000 MBH)
- Exclusive field-repairable heat exchanger - only condensing boiler
- Optional knockdown configuration
- Concert control with color touch screen display



Apex

- 5 models from 399 to 800 MBH
- Up to 97% thermal efficiency
- 5:1 turndown ratio
- 3-in-1 vent connector
- Stackable - no rack required
- Concert control with color touch screen display

Non-Condensing Boilers & Water Heaters



- 8 models from 500 MBTUH to 3.0 MBTUH
- 4 models from 750 MBTUH to 3.0 MBTUH
- Up to 87% thermal efficiency
- Up to 82% thermal efficiency
- 3:1 turndown ratio
- Maximum setpoint 230°F , 200°F
- Bronze headers
- Thick and durable copper tubes
- Outdoor-rated models available (EVS)
- Thermal Solutions Boiler Control (TSBC) available (EVS)



H₂O Max

- 2.5x the output of traditional stainless indirects
- Hot water heat exchanger
- Corrosion-free tank design
- 4 sizes
- Up to 30 GPM instantaneous DHW delivery
- 10-year limited warranty



Additional Accessories

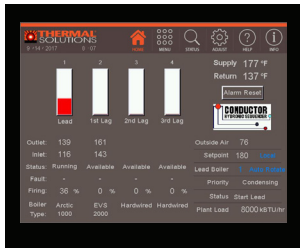
- Circulating pumps
- Air separators
- Hydraulic separators
- Magnetic filters
- Heat exchangers
- Storage tanks
- Expansion tanks
- Buffer tanks
- Hot water generators



KEY:

BOILER WATER HEATER

HEATING AND DOMESTIC HOT WATER SYSTEM SOLUTIONS

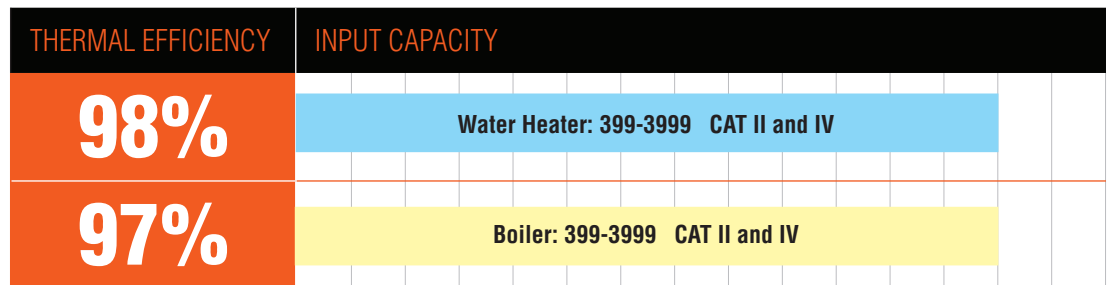


Conductor Hydronic Sequencer

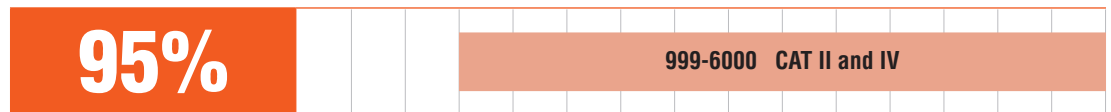
- Simple integration of boiler plants; hybrid, electric, hydronic heat pump, condensing, non-condensing, hot water, or steam
- System pump rotation
- Customizable operating parameters
- Works with non-Thermal Solutions branded products

Product Performance

AMP



ARCTIC



APEX



EVOLUTION

