

Features & Benefits

- Improves overall heating system efficiency
- Guaranteed to reduce heating fuel consumption 10 – 20%
- Reduces boiler on/off cycles by up to 30%
- Reduces wear and tear on boiler and components
- Works with any fuel
- LCD display shows operating modes, diagnostics, system pressure/temperature
- 15 – 45 minute installation

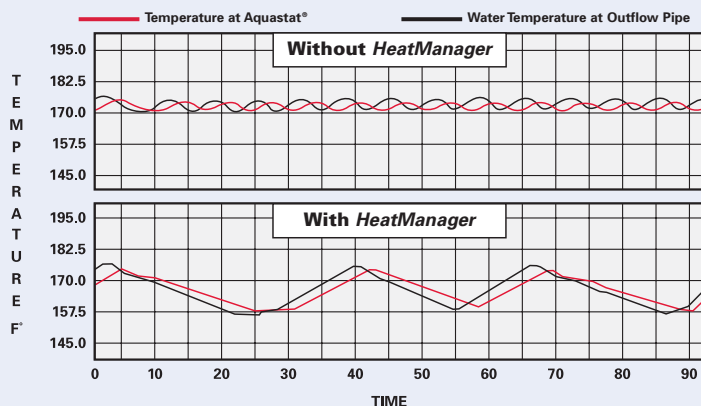


Product Description

- HeatManager 2.5 is a microprocessor controlled fuel economizer for light commercial boiler heating systems.

Operation/How It Works

- HeatManager 2.5 automatically adjusts average boiler water temperature or steam pressure to match system heat load. Its action is similar to outdoor reset method, but does not require an outdoor sensor. HeatManager 2.5 works with the existing boiler control/Aquastat™ to reduce fuel consumption, wear on parts and flue emissions. For complete, detailed explanation, reference HeatManager Tech Bulletin (form 664856) or visit www.beckettcorp.com/heatmanager.



Applications

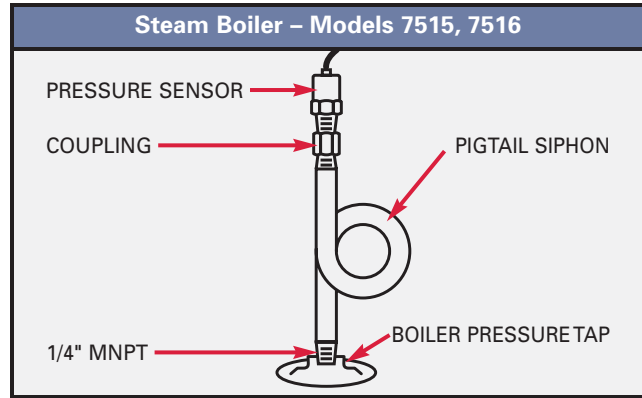
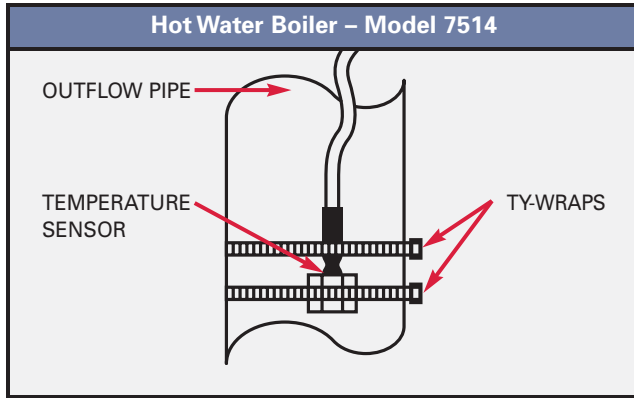
- For use with most new or existing light commercial boilers
 - Model 7514 for hot water boilers
 - Model 7515 for steam boilers <25 psi
 - Model 7516 for steam boilers 25-145 psi
- Works best with multi-zoned systems — reduces short cycling
- Works with domestic hot water systems
- For boilers between 300,000 and 2.5 million BTU
- Hot water boiler temperature must regularly exceed 150° F during the heating season

Performance Specifications

- Operating humidity: 5% – 95% noncondensing
- Ambient operating temperature: - 10° to 120° F
- Power input: 24/115/220 VAC @ 5W
- Control circuit: 24 VAC/DC, 115/220 VAC
- Relay contact: 10A @220 VAC General Purpose

Installation and Wiring

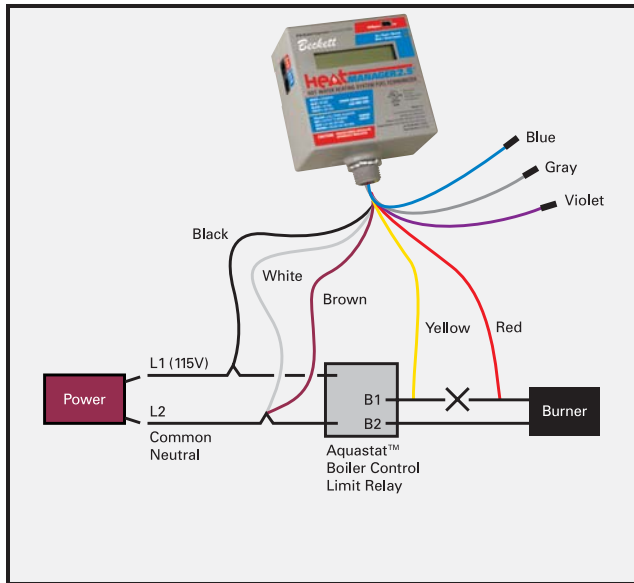
- HeatManager 2.5 mounts directly to Aquastat™ or electric junction box.
- Mount temperature/pressure sensor as shown below



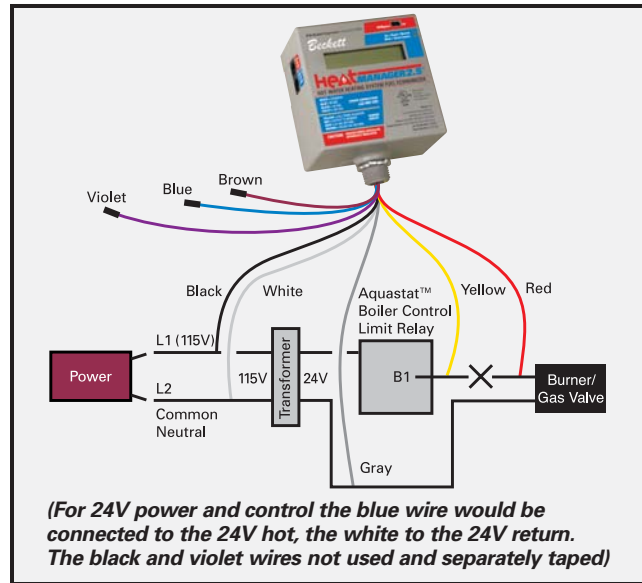
Wiring

- Follow appropriate wiring diagram depending on the system voltage

Typical 115/230V Power & Control—Boiler Burner Circuit



Typical 115/230V Power / 24V Control—Boiler Burner Circuit



- Complete installation instructions and wiring diagram are supplied with product.

Material/Construction

- PC board enclosed in oil resistant, injection molded plastic case

Dimensional Information

- 4" H x 4" W x 2 1/2" D

Accessories

- Additional temperature sensor (for replacement or for use with tankless coil) — 7518

For more information, contact:

www.beckettcorp.com

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