

For Non-Health Hazard Applications

Job Name _____ Contractor _____
 Job Location _____ Approval _____
 Engineer _____ Contractor's P.O. No. _____
 Approval _____ Representative _____

LEAD FREE*

AquaSentry® 2
Temperature Alarm System

Applications

The Series LF460 AquaSentry® 2 Alarm System is ideal for monitoring domestic and institutional hot water system. The AquaSentry® 2 alarms and shuts down flow (with an electrically actuated valve installed) on high limit conditions. Typical commercial applications include hot water heaters, boilers, sitz baths, shower rooms and therapeutic services. Temperature alarm system units are also designed to monitor and remotely alarm a wide variety of high and low limit industrial process conditions. Typical applications include process heat exchangers, storage tanks, chillers and lube oil coolers. The standard alarm package may be used to monitor off-normal temperature conditions. Alarm modules can also be coupled with a switch-closure device to monitor off-normal pressure, flow, status, humidity, and/or level.



Features

- LED Temperature Display
- Compact Alarm Panel
- Alarm Horn
- Remote Alarm Location
- High and Low Temperature Monitoring
- Adjustable Temperature Ranges
- Standard 4" x 4" (102 x 102 mm) Junction Box with Pre-wired Module

Typical Specifications

Mounting:	Standard Electrical Box (supplied) 4" x 4" x 2-3/16"
Electrical:	24 VAC
Conduit Size - bottom:	1/2" (15 mm) or 3/4" (19 mm)
Transformer:	115 VAC/24 VAC
Power Consumption:	1.5 VAC
Temperature Range:	40°F – 199°F (4°C – 93°C)
Accuracy:	±1.0°F or ±1.8°C
Operating Ambient:	20°F to 140°F (-7°C to -60°C)
Power Source:	Class 2, 120 VAC isolation transformer, UL and CSA approved (supplied).
Sensor:	Solid state integrated circuit in a 4" x 0.25" SS cap. Mounts in 1/2" (15mm) NPT fitting with supplied adapter.
Display:	4 digit red LED readout.
Relay:	10 amp, 24 VAC, NO or NC, activated during alarm.
Alarm:	One high and one low alarm. Both have fully adjustable set points. Both set points stored in non-volatile memory for memory retention during power failure.

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

Powers product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Powers Technical Service. Powers reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Powers products previously or subsequently sold.



Components and Accessories

Cable (by foot)	460-339
Control Module Kit.	460-600
Temperature Sensor w/Phone Jack	460-601
Transformer	460-602
Sensor Junction Box	460-603
Electrical Box 4" x 4" x 2- ³ / ₁₆ " (102 x 102 x 56mm)	460-606

Motorized Valves/Shock Absorber

½" NPT	LF460070
¾" NPT	LF460071
1" NPT	LF460072
1-¼" NPT	LF460073
1-½" NPT	LF460074
2" NPT	LF460075
Shock Absorber 1" NPT	460-353

NOTICE

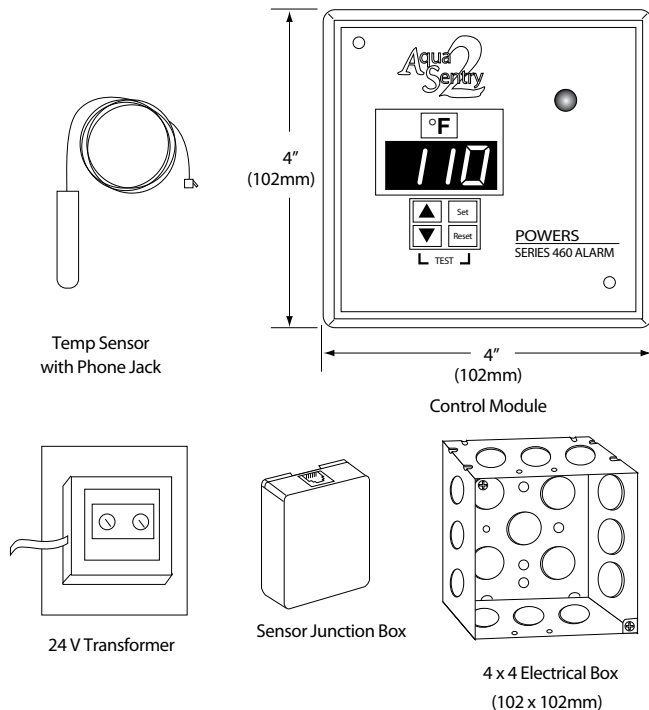
Shock absorber should be used with solenoid or motorized valve.

Ordering

Series 460 AquaSentry® 2 Alarm System

Alarm Module include Control Module, Temperature Sensor with Phone Jack, Junction Box, 4"x4" Electrical Box, UL/CSA Approved 24VAC, Class 2 Transformer, and 25' of Station Cable. LF4600150

Components of AquaSentry 2®



POWERS™

A WATTS Brand

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