STI STOPPER II®
HEATED ENCLOSURE

STI-1200A-HTR

KEY FEATURES

General Information

· For use in areas where temperature or environmental conditions exceed the operational range of UL Listed devices.

· Heater unit cycles as required to maintain the correct range of operating temperatures.

· Fan runs continuously to maintain a uniform temperature inside the enclosure.

· Maintains operating temperature with external temperatures to -70°F (-57°C).

· Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).

Design

· The Stopper II design is a registered trademark of Safety Technology International, Inc.

Construction

· UL Listed to U.S. and Canadian safety standards. See reverse side for details.

· Enclosure rated to NEMA 3R Standards.

· The thick, clear polycarbonate cover is UV-stabilized against discoloration.

Installation

· UL/cUL Listing requires outdoor rated stations.

· Typical working properties of polycarbonate are -40° to 250°F (-40° to 121°C).

Electronics

· UL Listing does not require standby or secondary power for 110 or 140 VAC 60 Hz heater.

Options

· 110 VAC or 240 VAC heater.

PRODUCT OVERVIEW

This protective cover has been helping stop false fire alarms around the world for more than 35 years, without restricting legitimate alarms. This Stopper II enclosure with heater allows addressable dual monitor modules to be installed inside or outside in temperatures below UL Listing limits or in other NEMA 3R environments. UL/cUL Listing requires outdoor rated stations. The cover offers excellent protection against physical damage (both accidental and intentional), as well as other environments inside and outside. Also ideal for inside of walk-in freezers.

HOW IT WORKS

Stopper II Heated Enclosure consists of a clear, super tough polycarbonate shield, frame and heater. The Stopper II is mounted on a NEMA 3R enclosure with a heater which allows an addressable manual pull station to be installed inside or outside in cold temperatures.

For more information, call 1-800-888-4784 (4STI) or visit www.sti-usa.com

Safety Technology International

STI Stopper II® Heated Enclosure

Dimensions and Technical Information

MODELS AVAILABLE

STI-1200A-HTR   With 4 in. deep back box - 110 VAC
STI-1200A-HTR240 With 4 in. deep back box - 240 VAC

Accessory
KIT-314   Adapter plate
KIT-H18021   3/4" rigid conduit hub
STI-HK3   Replacement heater

SPECIFICATIONS

INTERNAL DIMENSIONS:

PART #	HEIGHT	WIDTH	DEPTH
1200A-HTR	6.25 in.	4.125 in.	1.25 in.
1220A-HTR240	(158mm)	(104mm)	(31mm)

POLYCARBONATE ENCLOSURE:

Flammability: UL94 V-2
Wall Thickness: back box: .20 inches (5.1mm)
                 cover: .12 inches (3.1mm)
NEMA Rating: 3R
Warranty: Three year guarantee against breakage of
                 polycarbonate in normal use (one year on electro
                 mechanical and electronic components).

SILICONE LAMINATE HEATER:

STI-1200A-HTR 110 VAC 50/60 Hz UL Recognized Component
STI-1200-A-HTR240 240 VAC 50/60 Hz UL Recognized Component
        100 Watts
        Life: @ -10°C (14°F) ~ 70°C (158°F)   5 years
        Duty Cycle: -40°F (-40°C)   16%
                       -70°F (-57°C)   38%
                       -99°F (-73°C)   100%

FAN:

24 VDC (±10%), 90 mA UL Recognized Component
Life: 5 years continuous duty
WARNING: The polarity of the circulating fan is important as it only
rotates in one direction with red lead being positive.
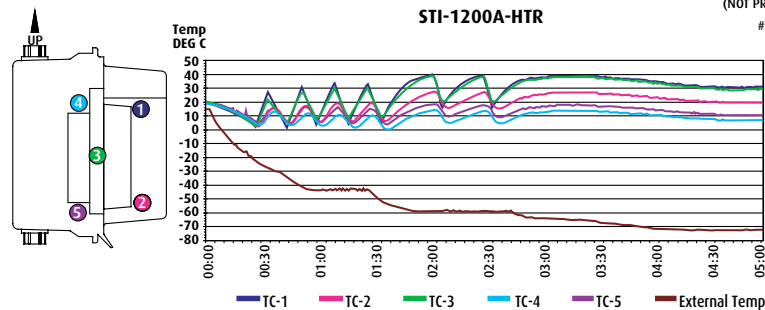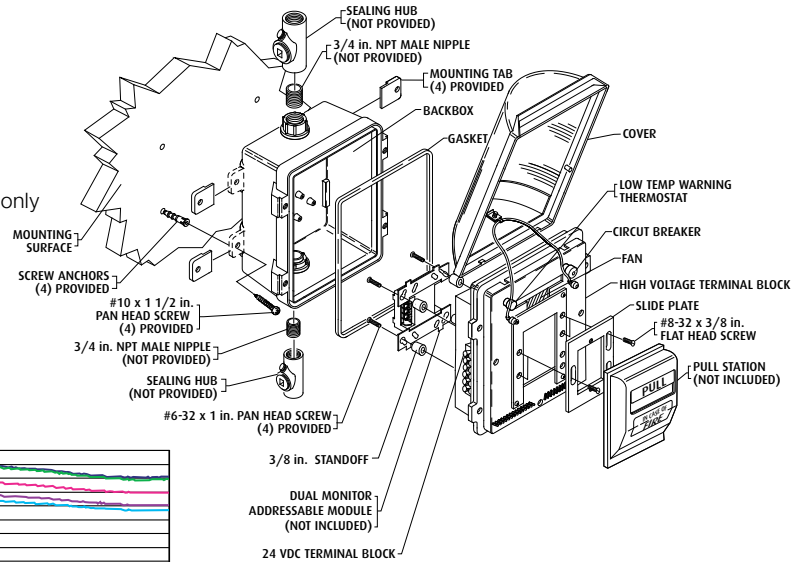
APPROVALS & WARRANTY

TESTING

It has been tested and approved or listed by:
· UL, cUL Listed S2466 (requires outdoor rated station)
· UL File S7025 is cross referenced to File S2466 permitting STI
  Stopper® Stations, non fire, in category UEHX and Listed to UL
  2017 for outdoor use
· ADA Compliant

WARRANTY

Three year guarantee against breakage of polycarbonate in normal
use (one year on electro mechanical and electronic components).

WARNINGS

The enclosure is used to protect UL Listed 38 and 2017 manual
initiating outdoor listed devices at temperatures down to -70°F
(-57°C). It is the installer's responsibility to comply with NEC 70
Articles 725 and 760, NFPA 72, and other applicable fire and
electrical codes. Conduit or raceway paths need to be sealed as
near to the enclosure as possible. Installer should have maintained
supervision over the low temperature thermostat. The low
temperature monitoring thermostat makes the circuit at +32°F (0°C)
and clears the circuit at +50°F (+10°C). This listing requires that the
fire alarm supervisory control module be only of the latching type.
On the appliance mounting plate is a label where you should record
the installation date. Also includes serial number and installation
date on the instruction sheet for quick reference.

STI-1200A-HTR

Temp DEG C

Legend: TC-1 TC-2 TC-3 TC-4 TC-5 External Temp