

RFHTT DUAL RECORDING THERMOMETER

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BASIC RFHTT MODEL

CHART DRIVES

Description		Code
125V/60Hz	24 H	01
125V/60Hz	7 D	02
125V/60Hz	12 H	03
125V/60Hz	48 H	04
125V/50Hz	24 H	05
125V/50Hz	7 D	06
Spring	24 H	07
Spring	7 D	08
250V/50Hz	24 H	09
250V/50Hz	7 D	10
250V/60Hz	24 H	11
250V/60Hz	7 D	12

HOW TO ORDER

First select the proper ordering number for the RFHTT unit. Next consult element selection matrix (this unit requires 2 thermal sensing element), see Page 62. Select chart number, see page 70 and 71, and specify as a separate line item. The chart selected must correspond to specific range of sensing element selected. The RFHTT instrument requires a hollow (L-Type) element plunger (code 51 or 52). High ambient temperature head assembly (code 51) is used when the instrument will be located in ambient temperatures between 32°F but not greater than 150°F. Low ambient head assembly should be called out (code 52) when the instrument will be located in ambient temperatures between -30°F and 125°F. If the solution the sensing bulb is being immersed in is of a corrosive nature, see Form 3052, "Guide for use in Corrosive Applications".

Note: Availability of charts will limit element selection.

Sample Order:

Description	Required Number
RFHTT Unit	RH01010
with charts	00208004 (from page 71)
with element	109510520 (from page 62 and 63)

For pricing see Form 3028, Mechanical Price Book, page 13.

ABOUT THIS INSTRUMENT

Description

This unit is a dual recording thermometer designed to sense and record temperature from two separate locations simultaneously on a single chart. The case contains two pen mechanisms with individual thermal sensing elements. The pens operate on 1/12 revolution of the chart, for example 2 hours per 24 hour rotation to prevent possible interference when both sensed temperatures happen to coincide. Flush or wall mount available (brackets supplied). Available in 12 ranges from -30°F to 1100°F.

Operation

The unit consists of a chart drive either electrically driven or spring wound. This chart drive rotates a 10" chart on which two independent pens mark temperature. The mechanism pens function as a result of the Piston Pak expanding or contracting due to temperature change.

Recorders

Specifications

Dimensions	15 1/8" W x 13 3/16"H x 4 7/8" D
Chart Diameter	10 inch.
Chart Marking	Felt Tip Cartridge.
Chart Drive	Electric with toggle switch, or spring wound.
Chart Rotation Periods	24 and 48 hour, 7 day, other options.
Flush Mount Cutout	13 1/2" W x 12 11/16" H
Surface Mounting	Mounting brackets included.
Electrical Hookup	Terminal block accessible with cover open.
Conduit Openings	One 7/8 inch diameter hole on each side of the case for 1/2 inch conduit fitting; drill guide hole spotted in the rear of the case showing optional rear opening location.
Rated Accuracy	1% of element range.
Warranty	One year, see page 80 for details.
Approx. Net Weight*	9 lbs.
Approx Ship. Weight*	14 lbs.

*Weight may vary depending on element length.

