

# RFT RECORDING THERMOMETER

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## BASIC RFT MODEL

## CHART DRIVES (Counter Clockwise Rotation)

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

## ACCESSORIES

Description	Code
None	0
Pressure Sensitive Marking Sys.	3

## HOW TO ORDER

First select the proper ordering number for the RFT unit. Next consult element selection matrix, 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 RFT 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
RFT Unit	RF01010
with charts	00208004 (from page 71)
with element	109510520 (from page 62 and 63)

For pricing see Form 3028, Mechanical Price Book, page 12.

# ABOUT THIS INSTRUMENT

## Description

Records temperature on a 10" chart. Twelve ambient compensated ranges within -30° to 1100°F, permit application diversity from refrigeration to high temperature ovens. Standard clock rotations 12, 24, and 48 hour, 7 day, others available. Choice of electric or spring wound chart drives available. Wall mounted (brackets furnished) or flush mounted. UL listed.

## Operation

Pen recording is powered by the Piston Pak thermal sensing element, which is field replaceable. Temperature ranges may be substituted at any time by obtaining the correct Piston Pak assembly and proper chart graph, and exchange these with those already on the recorder, providing field range changeability.

Recorders

## Specifications

Dimensions	15 1/8" W x 13 13/16"H x 4 7/8" D
Chart Diameter	10 inch.
Chart Marking	Felt Tip Cartridge/optional pressure sensitive charts
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.
Agency Listing	UL
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.

