

MF79 INDICATING CONTROLLER



BASIC MF79 MODEL

#73 switch is available in place of #79.
It must be ordered separately and installed in the field.
#73 Close (1/2%) Sensitivity 64403018

ACCESSORIES

Description	Code
None	1
237A Weather Resistant*	2
266 Fungus Proofing	3

* Requires inverted scale, check availability.

HOW TO ORDER

First select the proper ordering number for the MF79 unit. Next consult element selection matrix, see Page 62. Select dial part number, see page 64, and specify as a separate line item. The dial selected must correspond to specific range of sensing element selected. The MF79 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 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".

Sample Order:

Description	Required Number
MF79 Unit	MF791
with Dial	00602234 (from page 64)
with element	109510520 (from page 62 and 63)

For pricing see Form 3028, Mechanical Price Book, page 10.

ABOUT THIS INSTRUMENT

Indicating
Controls

Description

A compact electrical, single switch indicating temperature controller designed to operate fuel valves or relays which start and stop heating or cooling systems. This unit is UL and CSA listed. Flush or wall mount, three-wire control circuit and twelve operating ranges within -30°F to 1100°F.

Operation

A single snap-acting switch is positioned at the control point by turning the setting knob on the front of the instrument. Set point is shown by the red pointer on the dial.

The switch is operated by a black indicating pointer which moves up or down scale in response to the expansion or contraction of the thermal element. When the indicating pointer moves in line with the red set pointer, the snap-acting switch opens or closes the circuit controlling the heating or cooling input to the appliance.

Specifications

Dimensions	6 3/4" W x 6 5/16" H x 4" D
Wall Mounting	Brackets supplied with instrument.
Panel Mount Cutout	5 1/4" W x 5 15/16" H
Switch Type	Three wire SPDT.
Switch Sensitivities	Normal 1% of range (factory standard #79 switch). Super Sensitive 1/2% of element range (optional #73 switch, field installable only).
Electrical Hookup	Terminal block accessible through top cover hatch.
Conduit Openings	One 7/8" diameter hole on each side of the case for 1/2" conduit fitting; drill guide hole spotted in the rear of the case showing optional rear conduit locations.
Electrical Rating	50VA, inductive; 500VA, non inductive; 250V maximum AC only.
Agency Listings	UL and CSA.
Warranty	One year, see page 80 for details.
Approx. Net Weight*	5 lbs.
Approx. Ship. Weight*	8 lbs.

*Weight may vary depending on element length.

