

fladet[®] SERIES...

DATA SHEET	TEST KIT FOR PROBE TYPE HEAT DETECTOR	PART NO : IH451-180
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DWG.NO: DP-5.8/MT-309	DATE : JAN 2016	REV : 01	SCALE : N.T.S	SHEET : 1 OF 1	APPD. BY:
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REV 01: TEST KIT PICTURE CHANGED.

INTRODUCTION :-
 TEST KIT SPECIALLY DESIGNED TO CHECK THE PROBE TYPE HEAT DETECTORS OF TEMPERATURE SETTING RANGING FROM 100°C TO 180°C.



TESTING PROCEDURE:

1. CONNECT 230V AC INPUT SUPPLY TO THE KIT.
2. THE HEATING JAR SHALL BE FILLED WITH OLIVE OIL UP TO 3/4TH LEVEL OF JAR.
3. IMMERSE THE RTD SENSOR IN THE OLIVE OIL BATH TO MONITOR THE OLIVE OIL BATH TEMPERATURE.
4. IMMERSE THE PROBE OF THE HEAT DETECTOR IN THE OLIVE OIL BATH. MAKE SURE THE SENSOR PORTION IS COMPLETELY IMMersed IN THE OLIVE OIL BATH.
5. SWITCH ON THE HEATING JAR.
6. CONTINUOUS RISE IN TEMPERATURE OF THE OLIVE OIL BATH CAN BE MONITORED USING RTD DISPLAY.
7. WHEN THE FIXED TEMPERATURE SETTING OF THE PROBE TYPE HEAT DETECTOR IS REACHED, NOTE DOWN THE TEMPERATURE OF ACTUATION OF THE DETECTOR. ACTUATION OF DETECTOR CAN BE WITNESSED BY THE CHANGE OF CONTACT STATE FROM NO TO NC.

TECHNICAL SPECIFICATION			<h2 style="margin: 0;">CAUTION - HIGH TEMPERATURE</h2> <p style="margin: 5px 0;">CARE SHOULD BE TAKEN WHILE HANDLING HOT OLIVE OIL BATH. USE SUITABLE PERSONNEL PROTECTIVE EQUIPMENT.</p>
01.	MAKE	AGNI CONTROLS	
02.	INPUT	230V AC	
03.	HEATING MEDIA	OLIVE OIL (MIN: 300ml, MAX: 500ml)	
04.	POWER CONSUMPTION	1000W	
05.	CURRENT CONSUMPTION	5A MAX AT 230V AC.	

<p>IMPORTANT: AGNI CONTROLS RESERVES THE RIGHT TO CHANGE OR MODIFY WITHOUT PREVIOUS NOTICE ANY DATA OR SPECIFICATION DUE TO CHANGES OR MODIFICATION IN ORDER TO IMPROVE THE PRODUCTS / SYSTEM PRESENTED.</p>	<p style="margin: 0;">NO.1, 6TH STREET, Dr.SUBBARAYAN NAGAR, KODAMBAKKAM, CHENNAI-600 024, INDIA. PHONE : +91 44 2481 2420, FAX : +91 44 2481 2475, E-MAIL : engineering@agnicontrols.com WEBSITE : www.balafire.com</p>
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