



**COVER REMOVED
IN FRONT VIEW**

APPROVALS:
 CULUS LISTED
 CLASS I, DIVISION 1,
 GROUPS B, C & D
 CLASS II, DIVISION 1,
 GROUPS E, F & G
 CLASS III
 -50°C ≤ Tamb. ≤ +71°C
 CLASS I, ZONE 1, GROUP IIB + H₂ T6
 ENCLOSURE TYPE 4X, 7, 9

ATEX DIRECTIVE 94/9/EC
 II 2 G Ex d IIC T6
 II 2 D Ex tD A21 IP66 T+85°C
 Tamb = -40°C TD +75°C

CE COMPLIANT TO
 APPLICABLE DIRECTIVE(S)
 I & M SHEET IMT120

SPECIFICATIONS:

UE TYPE E122-13321
 CUSTOMER: U.E.C. STD.
 RANGE: 25 TO 325°F WITH OVERTEMPERATURE
 PROTECTION TO 375°F, BULB & 6" CAPILLARY.
 SWITCH: SPDT
 E/R: 22 AMP 480 VAC
 DIFFERENTIAL: 6°F MAX.
 REPEATABILITY: WITHIN ±1% (3°F) OF RANGE.
 CAPILLARY: 10 ft 304 s^t/s^t
 STORAGE AMBIENTS: -65 TO +160°F.
 OPERATING AMBIENTS: -65 TO +160°F.
 SET POINT MAY SHIFT AT EXTREMES OF
 AMBIENTS UP TO 2% OF RANGE FOR EACH
 50°F CHANGE IN AMBIENT TEMPERATURE
 FROM -40 TO +160°F.
 SET TO TRANSFER @ 175±6°F ON RISE.
 CALIBRATION ACCURACY: ±6°F BETWEEN LIMITS
 OF 150° TO 200°F INCREASING TO ±15°F
 BETWEEN THE LIMITS OF 25 TO 149°F &
 201° TO 325°F.

CONDITIONS UNDER WHICH TOLERANCES APPLY:
 A.) 6 INCHES CAPILLARY INSTALLED WITH BULB.
 B.) AMBIENT TEMPERATURE OF CONTROL HEAD
 & REMAINING CAPILLARY 60° TO 90°F
 POINTER TO BE SET @ MID RANGE FOR SHIPPING.

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| ORIGINAL DATE | | 8-11-09 | | TITLE | | UE STD HEATRACE | |
| DRWN | | SR | | E122-13321 | | DWG NO | |
| CHKD | | PLW | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | A-13951 | |
| APPD | | R. MCCAREY | | SCALE 1:2 | | UNITED ELECTRIC CONTROLS COMPANY WATERTOWN * MASSACHUSETTS | |
| B | | UPDATED ENCLOSURE. EGN#E4345. | | 2-17-12 | | RCI | |
| A | | FIRST ISSUE. REPLACES SPEC. SHEET. | | 8-11-09 | | S.R. | |
| SYM | | DESCRIPTION | | DATE | | DWN | |
| REV | | DESCRIPTION | | DATE | | APPD | |