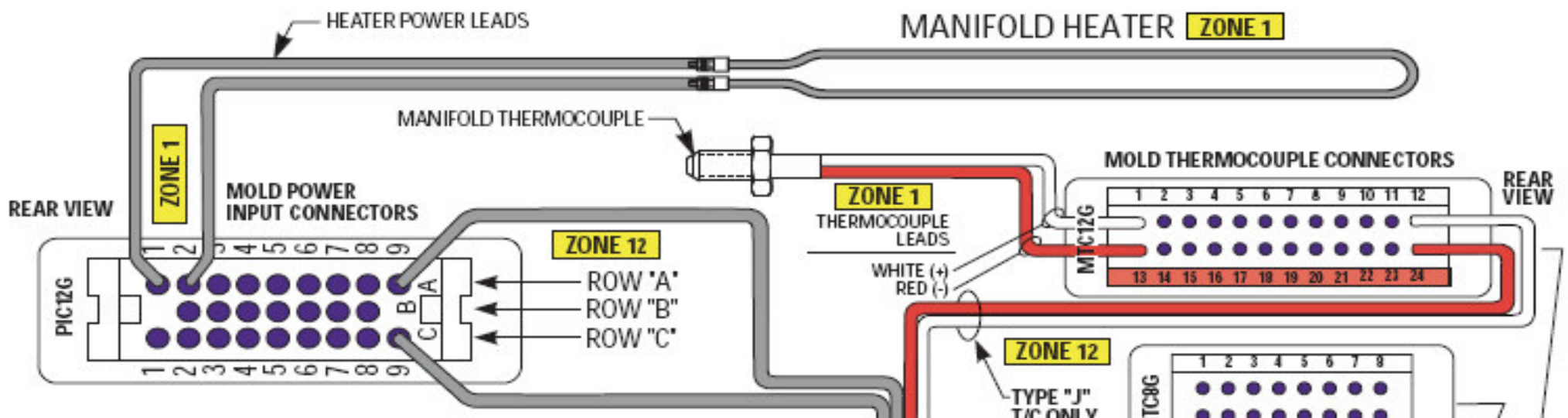


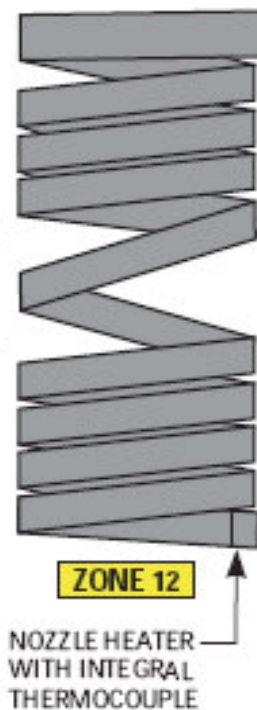
# DME SMART SERIES 5, 8 AND 12 ZONE 15 AMP SMARTSERIES(TM) MOLD CONNECTION WIRING



ZONE	WIRING CONNECTIONS
1	ROW "A" TERMINALS 1 + 2
2	ROW "A" TERMINALS 3 + 4
3	ROW "A" TERMINALS 5 + 6
4	ROW "A" TERMINALS 7 + 8
5	ROW "B" TERMINALS 2 + 3
6	ROW "B" TERMINALS 4 + 5
7	ROW "B" TERMINALS 6 + 7
8	ROW "C" TERMINALS 1 + 2
9	ROW "C" TERMINALS 3 + 4
10	ROW "C" TERMINALS 5 + 6
11	ROW "C" TERMINALS 7 + 8
12	ROW "A" + "C" TERMINALS 9
ROW "B" TERMINAL 8 IS NOT USED	

## BEFORE POWER IS CONNECTED:

- USE OHM METER TO CHECK EACH HEATER POWER LEAD. RESISTANCE TO GROUND SHOULD BE GREATER THAN 20,000 OHMS.
- CHECK RESISTANCE\* BETWEEN HEATER POWER LEADS.

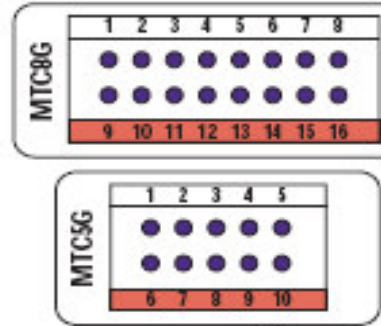


## BEFORE POWER IS CONNECTED:

- CHECK CONNECTIONS OF RED AND WHITE LEADS TO ENSURE PROPER CONNECTION TO THE CORRECT TERMINAL.
- USE OHM METER TO MEASURE BETWEEN RED & WHITE LEADS. RESISTANCE SHOULD BE LOW.
- USE OHM METER TO MEASURE BETWEEN EACH HEATER POWER LEAD AND EACH THERMOCOUPLE LEAD. RESISTANCE SHOULD BE GREATER THAN 20,000 OHMS.

$$\frac{\text{HEATER VOLTS MARKED ON HEATER} \times \text{HEATER VOLTS MARKED ON HEATER}}{\text{HEATER WATTS MARKED ON HEATER}} = \text{*MEASURED RESISTANCE OHMS}$$

$$240 \text{ VOLTS} \times 240 \text{ VOLTS} \div 820 \text{ WATTS} \approx 70 \text{ OHMS}$$



ZONE	WHT	RED	WHT	RED	WHT	RED
1	1	6	1	9	1	13
2	2	7	2	10	2	14
3	3	8	3	11	3	15
4	4	9	4	12	4	16
5	5	10	5	13	5	17
6			6	14	6	18
7			7	15	7	19
8			8	16	8	20
9					9	21
10					10	22
11					11	23
12					12	24

NOTES: All grounds must be connected to mold to ensure operator safety.

All crimp connections can be eliminated by using terminal mounting box with terminal strip. See Q-25