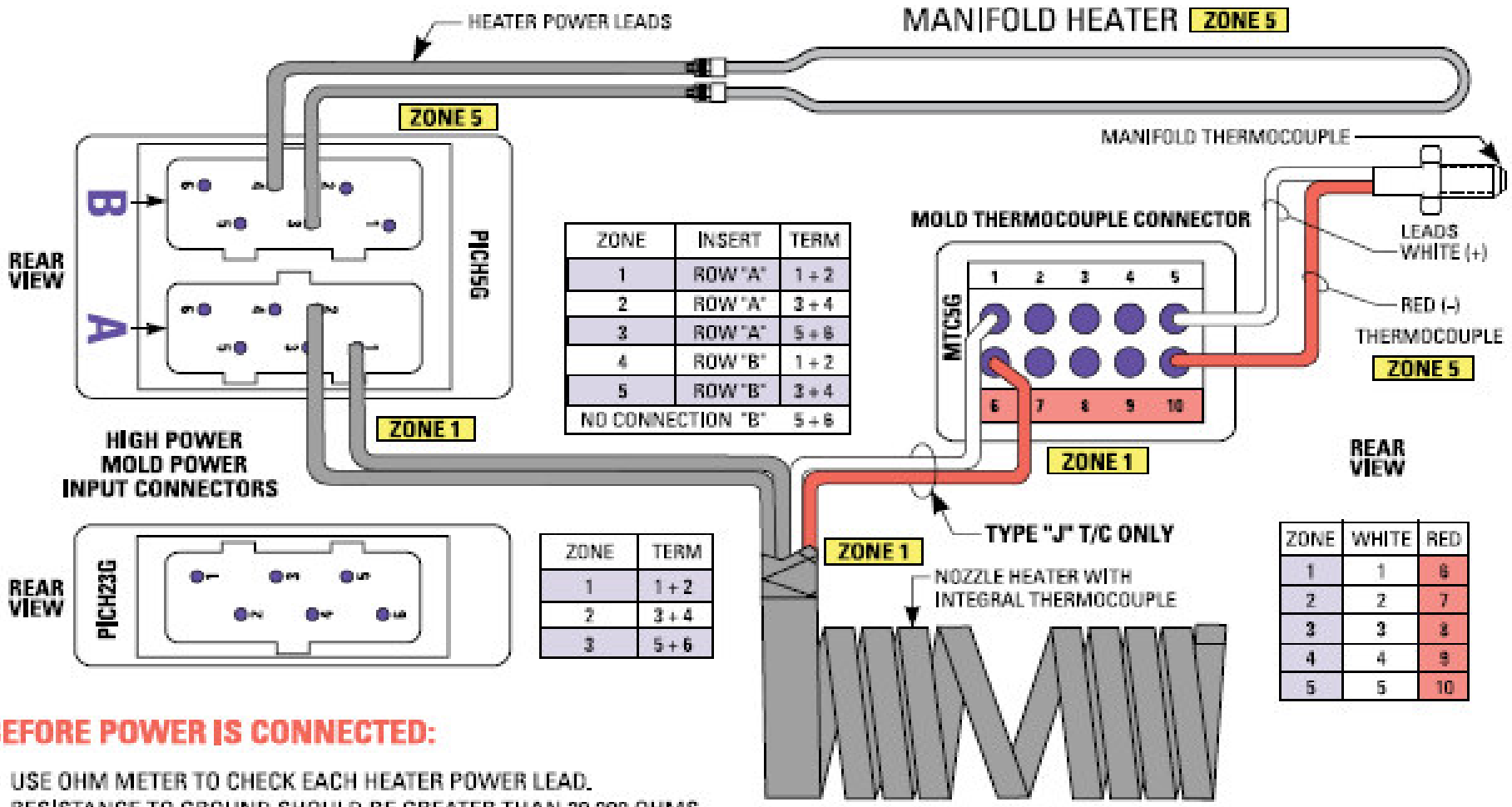
DME SMART SERIES HIGH POWER 30 AMP MOLD CONNECTION WIRING



ZONE	INSERT	TERM
1	ROW "A"	1+2
2	ROW "A"	3+4
3	ROW "A"	5+6
4	ROW "B"	1+2
5	ROW "B"	3+4
NO CONNECTION "B"		5+6

ZONE	TERM
1	1+2
2	3+4
3	5+6

ZONE	WHITE	RED
1	1	6
2	2	7
3	3	8
4	4	9
5	5	10

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.

HEATER VOLTS MARKED ON HEATER **X** **HEATER** VOLTS MARKED ON HEATER **÷** **HEATER** WATTS MARKED ON HEATER **≅** ***MEASURED RESISTANCE OHMS**

240 VOLTS X 240 VOLTS ÷ 820 WATTS ≅ 70 OHMS

NOTES: All grounds must be connected to mold to ensure operator safety.
All crimp connections may be eliminated. Simply remove 6" leads from PIC connectors and wire directly.

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.