

Part #22221 – Flame Control Assembly (Part #22220)

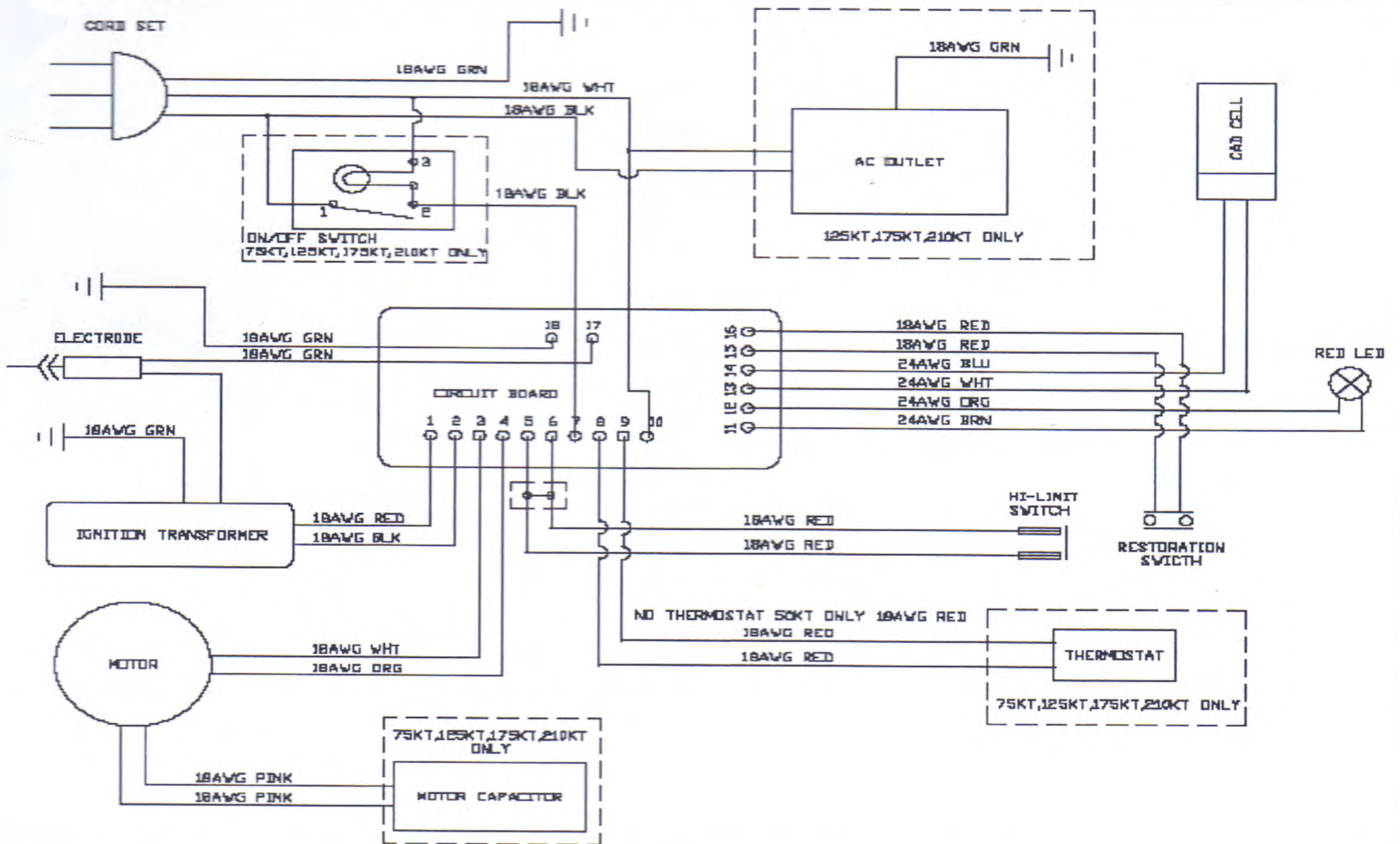
Replacement.

1. Part #22220 – Flame Control Assembly for 2005 Mr Heater and HeatStar heaters is obsolete and no longer available.
2. This Kit includes a replacement board, wiring instructions and 2 wiring diagrams.
3. You will notice that the boards are very similar. However the wire colors, in some cases, have changed.
4. Both Flame Control Assemblies have 18 numbered connections in both drawings.
5. Move wires one-at-a-time from the existing Control to the New Control
6. The following chart will identify proper wire placement.

Replacement Flame Control Position (Fig.2)	Original Flame Control Position (Fig.1)	
1	1	Same – No Move
2	2	Same – No Move
3	3	Same – No Move
4	4	Same – No Move
5	8	Red wire from thermostat
6	9	Red wire from thermostat
7	7	Same – No Move
8	10	Black wire from power plug
9	5	Red wire from High Limit
10	6	Red wire from High Limit
11	15	Red wire from Reset
12	16	Red wire from Reset
13	11	Brown wire from LED light
14	12	Orange wire from LED light
15	13	White wire from CAD Cell
16	14	Blue wire from CAD Cell
17	17	Same – No Move
18	18	Same – No Move

Please call Mr Heater Technical Service at **(800)251-0001 x3611** if you have any questions concerning this conversion.

**2005 Kerosene Wiring Diagram (MH & HS)
Flame Control Assembly (Part #22220) Obsolete**



**2006 Kerosene Wiring Diagram (MH & HS)
Flame Control Assembly (Part #22221) Available**

MH50KT, MH75KT, MH125KT, MH175KT, MH210KT

WIRING DIAGRAM

