



**Atwood Mobile Products**  
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MPD 38477

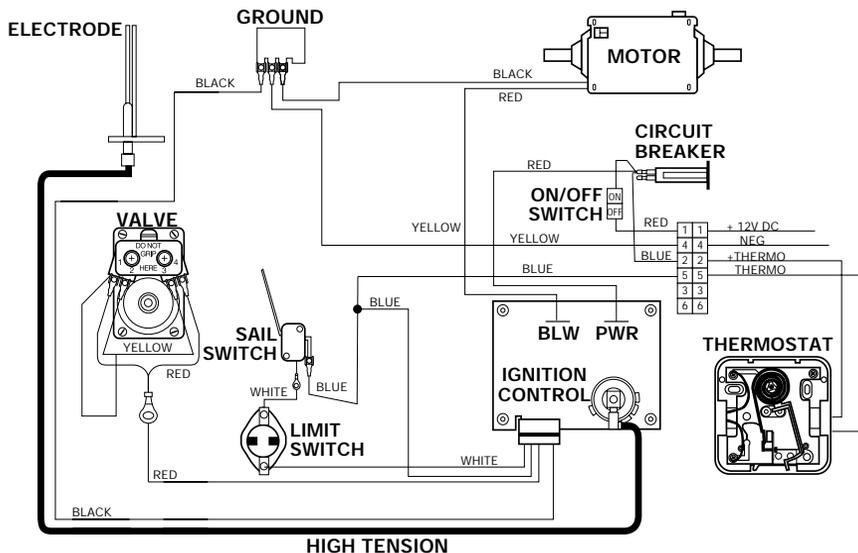
**hydro flame™**

**8500-IV  
 Series Furnace**

**Technical Installation Manual**

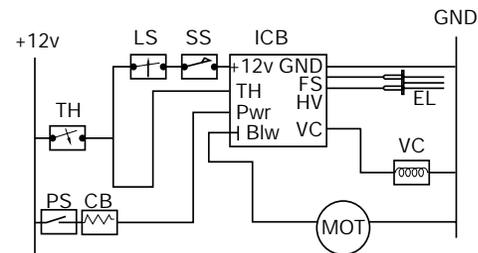
ENGLISH, FRANCAIS (et Canada)

•Installation •Maintenance  
 Effective 7/01/01



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LADDER DIAGRAM



- CB = Circuit Breaker
- GND = Ground
- GV = Gas Valve
- HV = High Voltage
- EL = Electrode
- MOT = Blower Motor
- SS = Sail Switch
- TH = Thermostat
- LS = Limit Switch
- TR = Thermo Relay
- VC = Valve Control
- PS = Power Switch

NOTE: In some installations, the Power Switch (PS) may control the air conditioning system thermostat function.

**IMPORTANT:** If any original wire has to be replaced, it must be replaced with type 105° C or its equivalent. Terminal Block on 85 Models only.