

SEQUENCE OF OPERATION

1. APPLIED 12V TO RED WIRE:
 - ENERGIZES BURNER MOTOR WHICH TURNS FUEL PUMP.
2. APPLIED 12V TO WHITE WIRE:
 - ENERGIZES SHUT-OFF VALVE WHICH ALLOWS FUEL TO FLOW OUT OF PUMP.
 - ENERGIZES TIMER WHICH TURNS ON IGNITOR.
3. 3 SECONDS AFTER FLAME IS DETECTED, THE TIMER SHUTS OFF THE IGNITOR.
4. AFTER 12 VOLTS HAVE BEEN REMOVED:
 - BURNER MOTOR IS DE-ENERGIZED WHICH STOPS FUEL FLOW.
 - SHUT-OFF VALVE IS DE-ENERGIZED WHICH STOPS FUEL FLOW OUT OF THE PUMP.
 - TIMER IS DE-ENERGIZED.
5. SEQUENCE STARTS AGAIN WHEN 12 VOLTS ARE APPLIED.

