TYPICAL R10 or R12 GAS-OIL BURNER

NOTE
SEE PART IV FOR GAS SYSTEM COMPONENTS, PART V FOR OIL SYSTEM COMPONENTS AND PART VI FOR COMBUSTION CONTROLS

1. FLAME DETECTOR
2. FLAME DETECTOR TUBE
3. CONTROL CABINET
4. BURNER HOUSING
5. AIR INLET CONE
6. BLOWER WHEEL
7. MOTOR MOUNTING PLATE
8. BLOWER MOTOR
9. MODULATING MOTOR
10. MODULATING MOTOR MOUNTING BRACKET
11. LINKAGE CONTROL JACKSHAFT
12. OIL IGNITION TRANSFORMER <IF USED>
13. GAS PILOT IGNITION TRANSFORMER
14. PRIMARY AIR CYLINDER
15. OIL DRAWER ASSEMBLY
   - AIR DIFFUSER
   - OIL NOZZLE
   - OIL NOZZLE ADAPTER
   - OIL IGNITION ELECTRODES <IF USED>
   - MAIN FUEL TUBE
   - IGNITION CABLES <IF USED>
16. COMBUSTION HEAD
17. PRIMARY GAS ORIFICES <OUTER RING>
18. SECONDARY GAS ORIFICES <INNER RING>
19. SWIRLER
20. LEAK TEST VALVE
21. BUTTERFLY GAS VALVE
22. 216C GAS PILOT ELECTRODE ASSEMBLY
23. 216C PILOT PACKING NUT
24. PILOT AIR TUBE
25. PILOT GAS PRESSURE REGULATOR
26. PILOT GAS SOLENOID VALVE
27. PRIMARY AIR POSITIONING CONTROL KNOB
28. AIR INLET ASSEMBLY
29. BACK PLATE ASSEMBLY