

OIL FURNACE TROUBLESHOOTING CHART

| Problem | Possible Cause | Solution |
|-------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Furnace won't run | 1. No power. | 1. Check for blown fuses or tripped circuit breakers at main entrance panel or at separate entrance panel; restore circuit. |
| | 2. Switch off. | 2. Turn on separate power switch on or near furnace. |
| | 3. Motor overload. | 3. Wait 30 minutes; press reset button. Repeat if necessary. |
| | 4. No fuel. | 4. Check tank; if necessary, refill tank. |
| | 5. Fuel line blockage. | 5. Clean oil filter and oil pump strainer. If problem persists, call a professional. |
| Burner won't fire | 1. No fuel. | 1. Check tank; if necessary, refill tank. |
| | 2. No ignition spark. | 2. Press reset button on stack control, once; if necessary, clean stack control. If no result, call a professional. If furnace has electric-eye safety, clean safety; if no result, call a professional. |
| Not enough heat | 1. Thermostat set too low. | 1. Raise thermostat setting five degrees. |
| | 2. Air filter dirty. | 2. Clean or replace air filter. |
| | 3. Blower clogged. | 3. Clean blower assembly. |
| | 4. Registers closed or blocked. | 4. Make sure all registers are open; make sure they are not blocked by rugs, drapes, or furniture. |
| | 5. System out of balance. | 5. Balance system; see section on forced-air system. |
| | 6. Blower belt loose or broken. | 6. Adjust or replace belt. |
| | 7. Burner dirty. | 7. Call a professional. |
| Furnace turns on and off repeatedly | 1. Air filter dirty. | 1. Clean or replace air filter. |
| | 2. Oil filter dirty. | 2. Clean or replace oil filter. |
| | 3. Motor and/or blower needs lubrication. | 3. If motor and blower have oil ports, lubricate. |
| | 4. Blower clogged. | 4. Clean blower assembly. |
| | 5. Stack control faulty. | 5. Call a professional. |
| Blower won't stop running | 1. Blower control set wrong. | 1. Reset thermostat from ON to AUTO. |
| | 2. Limit switch set wrong. | 2. Reset limit switch. |