

HEAT PUMP TROUBLESHOOTING CHART

Problem	Possible Cause	Solution
Pump 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. Make sure switch is turned on.
	3. Pump overloaded.	3. Wait 30 minutes; press reset button on outside cabinet. Repeat if necessary.
	4. Coil blocked with dirt or ice.	4. Remove debris from around coil.
	5. Reversing valve stuck.	5. Set on emergency heat and call a professional.
Ice on coil	1. Coil blocked with dirt.	1. Remove debris from around coil.
	2. Reversing valve stuck.	2. Set on emergency heat and call a professional.
Not enough heat	1. Thermostat set too low.	1. Raise thermostat setting five to ten degrees.
	2. Filter dirty.	2. Clean or replace filter.
	3. Problems in distribution system.	3. See sections on electric furnaces and forced-air systems.
	4. Problems in auxiliary heater.	4. See section on electric furnaces.
Pump goes on and off repeatedly	1. Coil blocked with dirt.	1. Remove dirt and debris from around coil.
	2. Filter dirty.	2. Clean or replace filter.
	3. Problems in distribution system.	3. See sections on electric furnaces and forced-air systems.