

OLD
YorkGuard 4HS

EYES
EIEB
EIFH
BIPS

APPENDIX - FAULT CODE/MODE

"NEW" YorkGuard® Heat Pump Control Module

<u>FAULT CODE</u>	<u>POSSIBLE CAUSE</u>
2	<u>DISCHARGE PRESSURE REACHES 400 PSIG.</u> <ul style="list-style-type: none"> In cooling cycle, look for dirty outdoor coil, faulty outdoor fan motor In heating cycle, look for dirty indoor filter, faulty indoor fan motor, add-on system bonnet sensor open or wiring not complete to module.
3	<u>DISCHARGE TEMPERATURE REACHES 275°F.</u> <ul style="list-style-type: none"> Low refrigerant charge.
4	<u>DISCHARGE TEMPERATURE DID NOT REACH 90°F WITHIN ONE HOUR OF COMPRESSOR OPERATION</u> <ul style="list-style-type: none"> Tripped breaker to outdoor unit power supply. Faulty (Open) discharge sensor. Compressor off on internal overload. Check for open run capacitor. Sensor pulled loose from line beneath insulating cover. Very low refrigerant charge at time of system start-up. Faulty contactor coil. Insects mashed on contact points or jamming contactor carrier. Grossly overcharged.
5	<u>TWO (2) DEFAULT DEFROSTS WITHIN ONE HOUR</u> <ul style="list-style-type: none"> Outdoor ambient sensor misplaced - not picking up "true" outdoor temperature. Restricted capillary tube to outdoor coil. Clogged filter/drier ahead of capillary tube in outdoor section. Low refrigerant charge. Faulty outdoor fan motor. Smaller than required indoor YorkMate® orifice (restricts refrigerant flow to outdoor unit). Snow drifted over unit.
6	<u>NON-EXISTENT YG IV - YG V DISCHARGE SENSOR</u>
7	<u>OUTDOOR SENSOR FAILURE (OPEN OR SHORTED)</u>
8	<u>LIQUID LINE SENSOR FAILURE (OPEN OR SHORTED)</u>
9	<u>BONNET SENSOR SHORTED</u>

Part # 03101957000

FAILURE

NOTE: Fault codes 7, 8, and 9 will not cause the outdoor unit to lock out if the system is operating in the cooling mode, but will flash the code.