

Date of Report: _____ Model #: _____

Dealership: _____ Serial #: _____

Technician: _____

Installing Dealership: _____ Installation Date: _____

Homeowner: _____ Address: _____

Unit / Apt: _____ City: _____

Outdoor Temperature: _____ **Unit Voltage:** _____ **Circuit Breaker Size:** _____

Blower Information:

Motor Amps: _____ Heating Speed: _____ Cooling Speed: _____

Note: HydroTech units are equipped with 4-speed motors

Evaporator Performance:

Evaporator Coil Entering Temp: _____ Evaporator Coil Leaving Temp: _____ Delta: _____

Heat Exchanger Performance:

GPM: _____ Entering Water Temp: _____ Leaving Water Temp: _____ Delta: _____

Unit Temperatures & Pressures:

Low Side Pressure PSIG: _____

Vapor Line Temp: _____ *minus* Saturated Temp: _____ = _____ Degrees **SUPERHEAT**

High Side Pressure PSIG: _____

Saturated Temp: _____ *minus* Liquid Line Temp: _____ = _____ Degrees **SUB-COOLING**

Compressor Discharge Line Temp: _____ Voltage at Compressor: _____ Amps: _____
(measured at discharge port)

Accessories: Hard-Start Kit: Yes No

Note: Use only 3-wire hard start kits

Control Module Information:

HydroTech Fault Codes:

Description of Operation	LED Readout
Normal Operation Mode	Green Light
Test Mode	Yellow Light
Standby	St
Fan Only	Fo
Cooling	Co
Heating	H1
Accessory Relay 1 (rarely used)	A1
Accessory Relay 2 (rarely used)	A2
Vacated Premises Control	Ay
Fault Retry	Re & Code #
Lockout	Lo & Code #
Over / Under Voltage Shutdown	SE & Code #
Fault Code for Normal Operation	11
Fault Code for High Pressure Switch Trip	12
Fault Code for Low Pressure Switch Trip	13
Fault Code for Temp Cutout Switch 1 Trip	14
Fault Code for Temp Cutout Switch 2 Trip	15
Fault Code for Condensate Drain Overflow	16
Fault Code for Over / Under Shutdown	17
Fault Code for Thermistor Temp Error	19

Control Module Switch Positions:

Off / On	Switch Block #1
<input type="checkbox"/> <input type="checkbox"/>	#1 Comp Start Delay
<input type="checkbox"/> <input type="checkbox"/>	#2 ECM Motor Present
<input type="checkbox"/> <input type="checkbox"/>	#3 Blower Time Delay
<input type="checkbox"/> <input type="checkbox"/>	#4 Dehumidification
<input checked="" type="checkbox"/> <input type="checkbox"/>	#5 Off--Not Programmed
<input type="checkbox"/> <input type="checkbox"/>	#6 Off—Not Programmed
<input checked="" type="checkbox"/> <input type="checkbox"/>	#7 Vacated Premises Timing
<input type="checkbox"/> <input type="checkbox"/>	#8 Off—Not Programmed

Off / On	Switch Block #2
<input type="checkbox"/> <input type="checkbox"/>	# 1 Accessory Relay #1 Activation
<input type="checkbox"/> <input type="checkbox"/>	# 2 60 Second Water Valve Initialize
<input type="checkbox"/> <input type="checkbox"/>	# 3 Accessory Relay #2 Activation
<input type="checkbox"/> <input type="checkbox"/>	# 4 30 Second Post-Fan Delay

Switch #2 must be in the "ON" position when an ECM motor is present

Notes: _____

