



Water-To-Air Start up worksheet

IMPORTANT - Please return completed startup report to:

Ms. Erin Sweeny - 603-329-8122 x.35 Email: erin@northeastgeo.com FAX: 603-329-0285

Purchaser: _____
 Installer/tech: _____ Start up report date: _____
 Project Name: _____
 Project Address: _____
 Make: _____ Model: _____
 Serial#: _____

Earth coupling type: Open loop: SCW: Closed loop:

Open systems Pressure Tank Model #: _____
 Well Pump Model #: _____
 Inlet pipe size: _____

Closed loop Pump/Pump pack Model #: _____
 Hose kit diameter: _____

IMPORTANT "START UP" REPORT NOTES

Make all measurements with desuperheater pump **disconnected**
 Test units in Heating AND Cooling modes Allow 15 minutes of run-time before taking readings

Level 1 Test Requirements

Test Point	Heating	Cooling	Comments
Entering Water: PSI			
TEMP			
Leaving Water: PSI			
TEMP			
Flow Rate - GPM via PSI			
via flow valve			
Blower Capacity CFM	←Note: Unit & Blower at <u>full speed</u> for accurate static test		
Entering Air Static WC			
Entering Air TEMP			
Leaving Air Static WC			
Leaving Air TEMP			
Hot Gas TEMP			
Compressor AMPS			
Blower AMPS			
ac - Line Voltage VOLTS			
ac - Control Voltage VOLTS			

Electrolytic Review - Measure between H.P. frame & water stream using high impedance meter

Electrolytic Measurement	MV	AC & DC millivolts > 300 mv (.3volts) = PROBLEM
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Dipswitch settings - Please circle dipswitch settings

1.) on off 2.) on off 3.) on off 4.) on off 5.) on off 6.) on off 7.) on off 8.) on off 9.) on off

Level 2 Test Requirements

NOTE: Level 2 testing WILL introduce condensables - DO NOT perform Level 2 unless Level 1 tests are inadequate

Suction PSI			
Head PSI			
Suction Line TEMP			
Suction Line Superheat TEMP			
Liquid Line TEMP			
Liquid Line Subcooling TEMP			

Tests performed by: _____

Please print _____ Signature _____ Date _____