WV Series Startup Form

Job Name:_____ Date:_____

Address:_____

_____

Model Number:_____

Serial Number:_____ Tag:_____

Startup Contractor:_____

Address:_____

_____ Phone:_____

Pre Startup Checklist

Installing contractor should verify the following items.	
1. Is there any visible shipping damage?	☐Yes ☐No
2. Is the unit level?	☐Yes ☐No
3. Are the unit clearances adequate for service and operation?	☐Yes ☐No
4. Have all electrical connections been tested for tightness?	☐Yes ☐No
5. Does the electrical service correspond to the unit nameplate?	☐Yes ☐No
6. On 208/230V units, has transformer tap been checked?	☐Yes ☐No
7. Has overcurrent protection been installed to match the unit nameplate requirement?	☐Yes ☐No
8. Have all set screws on the fans been tightened?	☐Yes ☐No
9. Does the fan rotate freely?	☐Yes ☐No
10. Does the field water piping to the unit appear to be correct per design parameters?	☐Yes ☐No
11. Is all copper tubing isolated so that it does not rub?	☐Yes ☐No
12. Are air filters installed with proper orientation?	☐Yes ☐No
13. Has the condensate drain been connected?	☐Yes ☐No

Ambient Temperature

Ambient Dry Bulb Temperature _____°F	Ambient Wet Bulb Temperature _____°F

Supply Fan Assembly

Alignment ☐		Check Rotation ☐		Nameplate Amps_____
Number	hp	L1	L2	L3
1				

Compressors/DX Cooling

Only connect gauges for troubleshooting

Check Rotation ☐					
Number	L1	L2	L3	Head Pressure PSIG	Suction Pressure PSIG
1					

Refrigeration System 1 - Cooling Mode

Due to the charge-critical nature of these units, charge should only be adjusted if absolutely necessary

	Pressure	Saturated Temperature	Line Temperature	Sub-cooling	Superheat
Discharge				N/A	N/A
Suction				N/A	
Liquid					N/A

Refrigeration System 1 - Heating Mode (Heat Pump Only)

	Pressure	Saturated Temperature	Line Temperature	Sub-cooling	Superheat
Discharge				N/A	N/A
Suction				N/A	
Liquid					N/A

Unit Configuration

No Water Leaks ☐

Water Flow _____ gpm

Water Inlet Temperature _____°F Water Outlet Temperature _____°F

Water/Glycol System

1. Has the entire system been flushed and pressure checked?	☐ Yes ☐ No
2. Has the entire system been filled with fluid?	☐ Yes ☐ No
3. Has air been bled from the heat exchangers and piping?	☐ Yes ☐ No
4. Is the glycol the proper type and concentration (N/A if water)?	☐ Yes ☐ No
5. Is there a minimum load of 50% of the design load?	☐ Yes ☐ No
6. If geothermal, does water piping include insulation?	☐ Yes ☐ No
7. What is the freeze point of the glycol (N/A if water)? _____	

Maintenance Log

This log must be kept with the unit. It is the responsibility of the owner and/or maintenance/service contractor to document any service, repair or adjustments. AAON Service and Warranty Departments are available to advise and provide phone help for proper operation and replacement parts. The responsibility for proper startup, maintenance, and servicing of the equipment falls to the owner and qualified licensed technician.

Entry Date	Action Taken	Name/Tel.