



### Pre-Start Checklist – Scroll Compressor Chillers

Must be completed, signed, and provided to Daikin Applied sales office at least 2 weeks prior to requested start date.

<b>Job Name</b>	Pleasant Valley Country Club Clubhouse			
<b>Installation Location</b>	1 Pleasant Valley Drive Little Rock, AR 72212			
<b>Customer Order Number</b>				
<b>Model Number(s)</b>	Model #AGZ140EDHEMNNOB / Serial #SLPU231101182			
<b>G.O. Number(s)</b>				
<b>Chilled Water Piping and Condenser Water Piping for Water-cooled Chiller</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Initials</b>
Piping Complete	Yes			JD
Water strainer(s) installed in piping per IOM requirements	Yes			JD
Chilled Water System – flushed, filled, and vented; Water treatment in place	Yes			JD
Condenser Water System (incl. cooling tower) - flushed, filled, vented; Water treatment in place (applicable for water-cooled systems)	Yes			JD
Pumps installed and operational (rotation checked, strainers cleaned)	Yes			JD
Water system operated and tested; flow meets unit design requirements	Yes			JD
Flow switch(es) - installed, wired, and ready for calibration during startup			✓	JD
Air vent installed on evaporator chilled water inlet piping	Yes			JD
Glycol at design % (if applicable)			✓	JD
<b>Electrical</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Initials</b>
Building controls operational (3-way valves, face/bypass dampers, bypass valves, etc.)	Yes			JD
*Power leads connected to power block or optional disconnect	Yes			JD
Power leads have been checked for proper phasing and voltage		No		JD
All interlock wiring complete and compliant with Daikin Applied specifications	Yes			JD
Power applied at least 24 hours before startup	Yes			JD
Crankcase heaters must operate for 24+ hours before startup to maximize separation	Yes			JD
Chiller components (EXV Sensors Transducers) installed and wired properly				
*Wiring complies with National Electrical Code and local codes (See Notes)	Yes			JD
Remote EXV wired with shielded cable				
<b>Miscellaneous</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Initials</b>
Unit control switches all off	Yes			JD
<b>Remote Evaporator / Condenser Piping</b> factory reviewed				
All refrigerant components/piping leak tested, evacuated and charged				
Thermometers, wells, gauges, control, etc., installed	Yes			JD
Minimum system load of 80% capacity available for testing/adjusting controls				
SiteLine™ cloud-connected controls included and needs to be commissioned				
<b>Document Attached:</b> Technical Breakdown from Selection Software				
<b>Document Attached:</b> Final Order Acknowledgement				
<b>Document Attached:</b> Remote piping approval				
<b>Notes:</b> The most common problems delaying start-up and affecting unit reliability are:				
1. Field installed compressor motor power supply leads too small. Questions: Contact the local Daikin Applied sales representative*. State size, number and type of conductors and conduits installed:				
a. From Power supply to chiller _____				
* Refer to NFPA 70-2017, Article 440.35				
2. Remote Evaporator piping incomplete or incorrect. Provide approved piping diagrams.				
3. Items on this list incorrectly acknowledged resulting in delayed start and possible extra expenses incurred by return trips.				

Electricians are working on seeing why voltage is too high

**Contractor Representative**

Signed: Jon Davis  
 Name: Jon Davis / Project Manager  
 Company: Comfort Systems USA Arkansas Inc.  
 Date: 4/11/2024  
 Phone/Email: 501-539-0392 / jon@comfortar.com

**Daikin Applied Sales Representative**

Signed: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Phone/Email: \_\_\_\_\_