Carrier 19XL-XR-XRV Information

General Information

Company:_____ Phone: _____

Name:_____ Title:_____ Email:_____

Mobile:_____ Site:_____

Unit Information

Installation Site Name _____

Model # _____ Unit Serial # _____ Site Unit # _____

What is the Voltage of the Unit? ☐ 208V, ☐ 230V, ☐ 460V, ☐ 4160V, Other Voltage _____

What is the Control voltage in the unit? ☐ 24V, ☐ 115V, ☐ 230V, What type of Refrigerant is being used? _____

Is MCS monitoring Main Voltage? ☐ Yes ☐ No. Will Phase loss need to be monitored? ☐ Yes ☐ No.

How would you like the pressures to be displayed?_____

Network Information

1. Integrating to Building Management System (BMS) ☐ Yes ☐ No, If yes, complete the form provided on page 2.

Variable Geometry Diffuser (VGD) Information

2. Is there a Variable Geometry Diffuser (VGD)? ☐ Yes ☐ No.

Vane Actuator Information

3. What does the Vane Actuator Have? ☐ Digital Switch ☐ Potentiometer.
   - **a.** If Potentiometer, What is the Actuator Model?_____

Motor Information

4. What is the Starter Type?_____, Are we monitoring the Transition OK or Starter Fault?_____
   - **a.** Does the Compressor have a remote Starter? ☐ Yes ☐ No.
5. Is there a Variable Frequency Drive? ☐ Yes ☐ No.
   - **a**. If Yes, What is the VFD Make and Model? VFD Make _____ VFD Model _____.
   - **b.** Will the VFD be hardwired to MCS controls, over MODBUS _____.
   - **c.** Is MCS Required to Control VFD Cabinet Auxiliary Fan? ☐ Yes ☐ No.
6. What are the Motor "RUN LOAD AMPS'(FLA)? **COMP 1**: _____ **COMP 2**: _____.
7. Is Hot Gas Bypass present? ☐ Yes ☐ No, How does it operate?_____.
8. Does the Unit have Motor Cooling? ☐ Yes ☐ No.
9. Does the Unit have Shunt Trip? ☐ Yes ☐ No.
10. Will MCS be monitoring the Oil Return Temperature? ☐ Yes ☐ No.

Evap/Condenser/Pump Information

11. Is MCS controlling the chiller Water Pump(s)? ☐ Yes ☐ No, How will they be wired? _____
12. Is MCS controlling the Condenser water Pump(s)? ☐ Yes ☐ No, How will they be wires?_____
13. Is MCS controlling Condenser/Evaporator Isolation Valve? ☐ Yes ☐ No ☐ BMS.
14. Is MCS controlling tower fan(s)? ☐ Yes ☐ No, How many are there _____, how are they wired?_____.
15. Will the Chilled/Condenser Water Flow be measured by?_____.

Ambient Information

16. Will Ambient temperature need to be monitored? ☐ Yes ☐ No.

COMMENTS (Is there any other Infomation we need to know?):

Carrier BMS Information

Protocol Information

☐ **BACnet MSTP**

*Baud Rate:_____ MAC Address:_____ Device ID:_____

☐ **Johnson N2** **(MCS-BMS-GATEWAY REQUIRED)**

*Device Address:_____

☐ **Lontalk** **(MCS-BMS-GATEWAY REQUIRED)**

☐ **Modbus IP**

*IP Address: _____

*Subness Mask: _____

*Default Gateway: _____

☐ **BACnet IP** ☐ **Use MCS Defaults IP Address.**

*Device ID: _____

*IP Address: _____

*Subness Mask: _____

*Default Gateway: _____

MCS Defaults IP Address

Please note that if no selections are made, the gateway will be programmed using the MCS default IP settings listed below. If changes are required on site, you may be subject to a phone support charger.

	MCS-MAGNUM	MCS-BMS-GATEWAY	BACNET DEVICE ID
(IP Address)	192.168.18.1XX	192.168.18.2XX	192.153.18.199
(Subnet Mask)	255.255.255.0	255.255.255.0	255.255.255.0
(Default Gateway)	192.168.18.1	192.168.18.1	

Writeable Points Information

☐ **MCS DEFAULT**

RUN/STOP

TARGET RESET

DEMAND LIMET

☐ **Click for Custom Writeable Points**

☐ RUN/STOP

☐ TARGET

☐ TARGET RESET

☐ **Other:**