

Air Cooled Information

FILL OUT THIS FORM - SAVE TO YOUR DESKTOP AND EMAIL TO SALES@MCSCONTROLS.COM

Company: _____ Phone: _____

Name: _____ Title: _____ Email: _____

Mobile: _____ Jobsite: _____

Chiller Manufacturer	Chiller Model Number	Chiller Serial Number	Refrigerant Type

Will existing panel enclosure be used? Yes No, MCS will supply loose board to mount in the existing enclosure.

How many Circuits? _____ How many compressors per circuit? _____

1. Compressor Model(s): Comp #1: _____ Comp #2: _____ Comp #3: _____ Comp #4: _____

2. What is the compressor's Full Load Amps (FLA)? Comp #1: _____ Comp #2: _____ Comp #3: _____ Comp #4: _____

3. Does / Will unit have a refrigerant Level Sensor Yes No If no, MCS will control on Suction Superheat.

 If yes, is the Level Sensor located on: Evaporator Condenser

 Level Sensor Model: _____ Signal Output? _____

4. What model EXVS will you be using for: refrigerant level/superheat control? _____ How many EXVS? _____

5. Does / Will you be using a staging valve for each compressor? Yes No

(comes off the discharge of compressor BEFORE the check valve and goes back to suction side of compressor. Each compressor will have its own valve)

 If yes, what model valves? Comp #1: _____ Comp #2: _____ Comp #3: _____ Comp #4: _____

6. Does / Will you be using a (LBV) load balancing valve (aka hot gas valve) on the unit? Yes No

(comes off the discharge of compressor AFTER the check valve) If yes, what model valve? _____

7. Will MCS control the Condenser? Yes No Condenser type? _____

 If Air Cooled, Common Condenser? Yes No

 If yes, how many fans? _____ If no, how many fans per circuit? _____ VFD on first fan, per circuit? Yes No

8. Will MCS control the Evaporator? Yes No If yes, 1 or 2 pumps? _____ VFD's? Yes No

9. Is there an Economizer on this chiller? Yes No Type of Economizer? _____

 If 'None', what type of econo control used to the compressor? _____

(EXV modulated based on econo superheat(requires econo suct psi & Temp)

10. Will the unit be communicating to BMS? Yes No What Protocol will be used to BMS? _____

COMMENTS (is there any other information we should know?):

Visit <https://www.mcscontrols.com/brochures.html> for a fillable form to email to sales@mcscontrols.com