

City Multi R410A System Pre-Commissioning & Installation Report

Project Name: _____

Project Address: _____ **City:** _____

Installation Contractor: _____

Commissioning Technician: _____

Commissioning Date: _____

Distributor: _____ **Commissioning Date:** _____

Before commissioning is started, the following items needs to be completed:

- 1) Refrigerant pipe work must be pressure tested and evacuated as per intruction given in the installation manual.
- 2) All refrigerant piping lines to be insulated separately and supported properly.
- 3) All communication control wiring to be completed using 16 AWG shielded cable.
- 4) All condensate drain pipe work must be complete.
- 5) Condenser communication wires TB3 and TB7 should be clearly marked and disconnected from condenser unit.
- 6) Correct power supply to condenser unit needs to be verified before power is supplied.
- 7) Power to condenser unit must be supplied for crankcase heater for a 12-hour period prior to commissioning and start-up.

Evacuation Details:

Pressure Test Details:	Evacuation Details:
Test Pressure:	Vacuum Period:
Test Period:	Vacuum Achieved:
Notes:	Pressure Rise Test:

Commissioning Technician Name and/or Signature: _____

General comments and points for attention concerning installation and commissioning:

DISTRIBUTOR NOTE:

Fully completed commissioning report as well Maintenance Tool operational data file needs to be returned to MESCA for filing within 21 days of commissioning completion to validate factory warranty period.

City Multi R410A System Pre-Commissioning & Installation Report
Primary Model #

Individual Units	Condenser # 1		Condenser # 2		Condenser # 3	
Model #						
Serial #						
Comp. Model #						
Comp. Serial #						
Connection of Power Source	Good	Poor	Good	Poor	Good	Poor
Electrical Cable Size (AWG)						
Voltage L1 - L2 (V)						
Voltage L2 - L3 (V)						
Voltage L3 - L1 (V)						
Current L1 (A)						
Current L2 (A)						
Current L3 (A)						
Connection of Control Wiring	Good	Poor	Good	Poor	Good	Poor
Comm. Cable Size (AWG)						
TB3 Voltage (VDC)						
TB7 Voltage (VDC)						
Installation Location						
Furthest Piping Length						
Height Diff. Outdoor - Indoor						
Maintenance Accessibility	Good	Poor	Good	Poor	Good	Poor
Standard of pipe work	Good	Poor	Good	Poor	Good	Poor
Standard of pipe insulation	Good	Poor	Good	Poor	Good	Poor
Comp. Vibration / Noise	Good	Poor	Good	Poor	Good	Poor
Fan Vibration / Noise	Good	Poor	Good	Poor	Good	Poor
Notes						

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	Indoor Unit # 01		Indoor Unit # 02		Indoor Unit # 03	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblity	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

	Indoor Unit # 04		Indoor Unit # 05		Indoor Unit # 06	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblity	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

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	Indoor Unit # 07		Indoor Unit # 08		Indoor Unit # 09	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

	Indoor Unit # 10		Indoor Unit # 11		Indoor Unit # 12	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

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	Indoor Unit # 13		Indoor Unit # 14		Indoor Unit # 15	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

	Indoor Unit # 16		Indoor Unit # 17		Indoor Unit # 18	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

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	Indoor Unit # 19		Indoor Unit # 20		Indoor Unit # 21	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

	Indoor Unit # 22		Indoor Unit # 23		Indoor Unit # 24	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

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	Indoor Unit # 25		Indoor Unit # 26		Indoor Unit # 27	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

	Indoor Unit # 28		Indoor Unit # 28		Indoor Unit # 30	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

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	Indoor Unit # 31		Indoor Unit # 32		Indoor Unit # 33	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

	Indoor Unit # 34		Indoor Unit # 35		Indoor Unit # 36	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

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	Indoor Unit # 37		Indoor Unit # 38		Indoor Unit # 39	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

	Indoor Unit # 40		Indoor Unit # 41		Indoor Unit # 42	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblilty	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

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	Indoor Unit # 43		Indoor Unit # 44		Indoor Unit # 45	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblity	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						

	Indoor Unit # 46		Indoor Unit # 47		Indoor Unit # 48	
Model #						
Serial #						
Installation Location						
SW14 (Port setting) R2/WR2 only (1-2-3-4-5-6-7-8-9-A-B-C-D-E-F-0)						
SW12 (10's rotary dial setting)						
SW11 (1's rotary dial setting)						
ME Remote Control Address						
Voltage L1 - L2 (V)						
Voltage L1 - G or L2 - G (V)						
TB5 Voltage (VDC)						
Maintenance Accessiblity	Good	Poor	Good	Poor	Good	Poor
Drain Connected	Good	Poor	Good	Poor	Good	Poor
Notes						