MITSUBISHI ELECTRIC

COOLING & HEATING

M- and P-Series ~ System~ Contractor Check List (Commissioning Report)

INSTALLATION DATA

Site Address: _____

_____

State: NE **Zip/Postal Code:** 68512 **Country:** US

Installing Contractor: Bryant **Telephone:** 402-470-8162

Commissioning Technician: _____ **M- and P-Series Course Registration Number:** _____

Commissioning Date: 12/18/22

System Reference Location: _____ **CFC Safe Handling Registration Number:** _____

Equipment Purchased From: _____

Before running the system, carry out a full pre-commissioning check of the following points:

1. Refrigeration pipe work has been pressure tested and evacuated as per the pressure test and evacuation method statements on the inside cover of this commissioning booklet.
2. Correct refrigeration trim charge has been added and service valves opened.
3. All units, remote controllers and centralized controllers in the system have correct address settings prior to turning on power to the outdoor unit.
4. Power supply (source voltage) to all units must be checked prior to switching on. Once the unit has been switched on, the crankcase heater must be left on for a 12-hour period prior to start-up.
5. All condensate drain pipe work must be complete.
6. For P-Series systems, ensure that the indoor unit power supply (source voltage) isolator is switched on before the outdoor unit.

EVACUATION DETAILS

Pressure Test Details

Test Pressure: 600 lbs

Test Period: _____

Evacuation Details

Vacuum Period: _____

Vacuum Achieved: 550

Pressure Rise Test: _____

COMMISSIONING TECHNICIAN'S COMMENTS AND POINTS FOR ATTENTION

Commissioning Technician's Signature: _____

NOTE:

M- and P-Series system commissioning data does not need to be returned to Mitsubishi Electric. This data is intended as **reference information to the installing contractor.** Visit www.mylinkdrive.com for M- and P-Series system warranty information.

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M- and P-Series Series System Pre-Commissioning and Installation Check List

SYSTEM:				
NO.	**SYSTEM AND INSTALLATION STATUS**			**REMARKS**
1	Installation Location	Outdoor Unit	☐ Rooftop ☒ Other Location (_____)	
2	Maintenance Accessibility	Outdoor Unit Indoor Units	☒ Good ☐ Poor ☒ Good ☐ Poor	
3	Furthest Piping Length		Outdoor to Indoor: 20 Ft.	
4	Height Difference (Multiple Only)		Outdoor to Indoor: _____ Ft. Indoor to Indoor: _____ Ft.	
5	Standard of Pipe-work		☒ Good ☐ Poor	
6	Standard of Pipe Insulation		☒ Good ☐ Poor	
7	Connection of Main Power Source	Outdoor Unit Indoor Unit(s) Electrical Wire	☒ Good ☐ Poor ☒ Good ☐ Poor Type: THHN Size: 14 GA	
8	Connection of Control System	Indoor – RC	☒ Good ☐ Poor	
9	Standard of Electrical Insulation		☒ Good ☐ Poor	
10	Access to Remove Electrical Covers		☒ Good ☐ Poor	
11	Control Method		☐ Wired ☒ Wireless	
12	Remote Controller Operation	Ventilation Cool / Heat Automatic	☐ Good ☐ Poor ☐ Good ☐ Poor ☐ Good ☐ Poor	
13	Connection of Options		☒ Good ☐ Poor	

OUTDOOR UNIT:						
NO.	**OUTDOOR UNIT OPERATION STATUS**					**REMARKS**
14	Outdoor Unit Details	Model No: SUZ-KA30NAH2	Serial No: 26Y03184			
15	Compressor Details	Model No: _____	Serial No: _____			
16	Power Source	L1 - N 118 V 28.2 A	L2 - N 119 V 28.3 A	L3 - N _____ V _____ A	Gnd – N 0 V 0 A	
17	Vibration / Noise	Compressor Fan	☒ Good ☐ Poor ☒ Good ☐ Poor			
18	Superheat: _____		Subcooling: _____			
19	Added Refrigerant Charge (if applicable)		0 Oz.			
20	Outdoor Unit Address (if multiple)					

REMARKS:

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INDOOR UNITS:					
	INDOOR UNIT # ____				REMARKS
Model No.	SVZ-KP30NA	Unit Address:			
Serial No.	21N08811				
Location					
Power Source	Voltage: 236 V		FLA: 1.5 A		
Inlet Temperature	Cooling:	____ DB°F	Heating:	73.6 DB°F	
Outlet Temperature	Cooling:	____ DB°F	Heating:	121.0 DB°F	
Fan Speed Setting	Cooling:		Heating:	Variable	
Measured CFM		OEM CFM:	1160		
Static Pressure	Coil: &	0.22	Filter:	0.07	
	Blower				
External Static Pressure	Total:	0.19	Return:	0.15	
			Supply:	0.14	

*Please copy this page as needed for additional indoor units on multi-zone systems.