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

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| **INSTALLATION DATA** | | | | | | | | | | | | | | | |
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| **Site Address:** | |  | | | | | | | | | | | | |  |
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| **State:** |  | | | | **Zip/Postal Code:** | | |  | | | | **Country:** | |  |  |
|  | | | | | | | | | | | | | | | |
| **Installing Contractor:** | | | | | |  | | | | | | **Telephone:** | |  |  |
|  | | | | | | | | | | | | | | | |
| **Commissioning Technician:** | | | | | | |  | | | | **M- and P-Series Course Registration Number:** | |  | |  |
| **Commissioning Date:** | | | | | | |  | | | |
|  | | | | | | | | | | | | | | | |
| **System Reference:** | | |  | | | | | | | | **CFC Safe Handling Registration Number:** | |  | |  |
| **Location:** | | |  | | | | | | | |
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| **Equipment Purchased From:** | | | |  | | | | |  |
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| **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. |

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| **EVACUATION DETAILS** | | | | | |
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| **Pressure Test Details** |  | **Evacuation Details** |  |
|  | | | | | |
| **Test Pressure:** |  | **Vacuum Period:** |  | |  |
|  | | | | | |
| **Test Period:** |  | **Vacuum Achieved:** |  | |  |
|  | | | | | |
|  |  | **Pressure Rise Test:** |  | |  |
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| **COMMISSIONING TECHNICIAN’S COMMENTS AND POINTS FOR ATTENTION** |
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| **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](http://www.mylinkdrive.com) for M- and P-Series system warranty information.

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

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| **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:       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:       Size: |  |
| **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 |  |

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| **OUTDOOR UNIT:** | | | | | | | | | |
| **NO.** | **OUTDOOR UNIT OPERATION STATUS** | | | | | | | | **REMARKS** |
| **14** | Outdoor Unit Details | Model No: | | | | Serial No: | | |  |
| **15** | Compressor Details | Model No: | | | | Serial No: | | |  |
| **16** | Power Source (Voltage) | | L1 - N        V | L2 - N        V | | | L3 - N        V | Gnd – N        V |  |
| **17** | Vibration / Noise | Compressor  Fan | | | Good  Poor  Good  Poor | | | |  |
| **18** | Additional Refrigerant Charge (if applicable) | | | | | Oz. | | |  |
| **19** | Outdoor Unit Address (if multiple) | | | | |  | | |  |

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| **REMARKS:** |
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##### M- and P-Series System Pre-Commissioning and Installation Check List

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| **INDOOR UNITS:** | | | | | | | |
|  | **INDOOR UNIT #** | | | | | | **REMARKS** |
| **Model No.** |  | | **Unit Address:** | |  | |  |
| **Serial No.** |  | | | | | |
| **Location** |  | | | | | |
| **Voltage** | Line Voltage       V | | | | | |  |
| **Inlet Temperature** | Cooling: | DB°F | | Heating: | | DB°F |  |
| **Outlet Temperature** | Cooling: | DB°F | | Heating: | | DB°F |

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| **INDOOR UNITS:** | | | | | | | |
|  | **INDOOR UNIT #** | | | | | | **REMARKS** |
| **Model No.** |  | | **Unit Address:** | |  | |  |
| **Serial No.** |  | | | | | |
| **Location** |  | | | | | |
| **Voltage** | Line Voltage       V | | | | | |  |
| **Inlet Temperature** | Cooling: | DB°F | | Heating: | | DB°F |  |
| **Outlet Temperature** | Cooling: | DB°F | | Heating: | | DB°F |

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| **INDOOR UNITS:** | | | | | | | |
|  | **INDOOR UNIT #** | | | | | | **REMARKS** |
| **Model No.** |  | | **Unit Address:** | |  | |  |
| **Serial No.** |  | | | | | |
| **Location** |  | | | | | |
| **Voltage** | Line Voltage       V | | | | | |  |
| **Inlet Temperature** | Cooling: | DB°F | | Heating: | | DB°F |  |
| **Outlet Temperature** | Cooling: | DB°F | | Heating: | | DB°F |

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| **INDOOR UNITS:** | | | | | | | |
|  | **INDOOR UNIT #** | | | | | | **REMARKS** |
| **Model No.** |  | | **Unit Address:** | |  | |  |
| **Serial No.** |  | | | | | |
| **Location** |  | | | | | |
| **Voltage** | Line Voltage       V | | | | | |  |
| **Inlet Temperature** | Cooling: | DB°F | | Heating: | | DB°F |  |
| **Outlet Temperature** | Cooling: | DB°F | | Heating: | | DB°F |

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