

|                                                                                                                                                                                                                               |                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Job Name:                                                                                                                                                                                                                     | Location:                                     |
| Schedule Reference:                                                                                                                                                                                                           | Submitted By:                                 |
| Submitted To:                                                                                                                                                                                                                 | Reference: Approval: Construction:            |
| Engineer:                                                                                                                                                                                                                     | Date: Application:                            |
|   <div>Standard Model</div> <div>Seacoast (-BS) Model</div> | • Snow/Wind Guards - (See separate submittal) |

## Specifications:

| Indoor Model            |  |  | Non-Ducted                         | Ducted |
|-------------------------|--|--|------------------------------------|--------|
| Power source            |  |  | 3-phase 3-wire 575V ±10% 60 Hz     |        |
| Cooling capacity        |  |  | 264,000                            |        |
| (Nominal)               |  |  | 77.4                               |        |
| (575) Power input       |  |  | 22.69                              |        |
| (575) Current input     |  |  | 25.3                               |        |
| (Rated)                 |  |  | 252,000                            |        |
| (575) Power input       |  |  | 73.9                               |        |
| (575) Current input     |  |  | 26.33                              | 25.26  |
| (575) Current input     |  |  | 29.3                               | 28.1   |
| Temp. range of cooling  |  |  | 59 ~ 75°F (15 ~ 24°C)              |        |
| Heating capacity        |  |  | 295,000                            |        |
| (Nominal)               |  |  | 86.5                               |        |
| (575) Power input       |  |  | 25.94                              |        |
| (575) Current input     |  |  | 28.9                               |        |
| (Rated)                 |  |  | 281,000                            |        |
| (575) Power input       |  |  | 82.4                               |        |
| (575) Current input     |  |  | 24.62                              | 23.65  |
| (575) Current input     |  |  | 27.4                               | 26.3   |
| Temp. range of heating  |  |  | 59 ~ 81°F (15 ~ 27°C)              |        |
| Indoor unit connectable |  |  | 50 ~ 150% of outdoor unit capacity |        |
| Sound power level       |  |  | P04 ~ P96 / 2 ~ 50                 |        |
| Refrigerant             |  |  | 86.5                               |        |
| piping diameter         |  |  | 1-1/8 (28.58) Braze                |        |
| AHRI Ratings            |  |  | 1-3/8 (34.93) Braze                |        |
| (Ducted / Non-Ducted)   |  |  | 9.60/9.40                          |        |
| EER                     |  |  | 16.50/14.60                        |        |
| IEER                    |  |  | 3.27/3.20 - 2.05/2.05              |        |
| COP @ 47F - COP @ 17F   |  |  | 26.60/23.10                        |        |
| SCHE                    |  |  |                                    |        |

| Set Model                            |  |  | PURY-P120KMU-B (-BS)                                                                                           | PURY-P144ZKMU-B (-BS) |
|--------------------------------------|--|--|----------------------------------------------------------------------------------------------------------------|-----------------------|
| Model                                |  |  | 21                                                                                                             |                       |
| Minimum Circuit Ampacity             |  |  | 30                                                                                                             |                       |
| Maximum Overcurrent Protection       |  |  | 35                                                                                                             |                       |
| Fan                                  |  |  | Propeller fan x2                                                                                               |                       |
| Airflow rate                         |  |  | 11,300                                                                                                         |                       |
| m³/min                               |  |  | 320                                                                                                            |                       |
| L/s                                  |  |  | 5,330                                                                                                          |                       |
| Control, Driving mechanism           |  |  | Inverter-control, Brushless DC motor                                                                           |                       |
| Motor output                         |  |  | 0.92+0.92                                                                                                      |                       |
| External static press.               |  |  | 0 in.WG (0 Pa)                                                                                                 |                       |
| Compressor                           |  |  | Inverter scroll hermetic compressor x1                                                                         |                       |
| Starting method                      |  |  | Inverter                                                                                                       |                       |
| Motor output                         |  |  | 8.2                                                                                                            |                       |
| Case heater                          |  |  | 0.045                                                                                                          |                       |
| Lubricant                            |  |  | MEL32                                                                                                          |                       |
| External finish                      |  |  | Pre-coated galvanized steel sheet (+powder coating for -BS type)                                               |                       |
| External dimension H x W x D         |  |  | 65 x 68-15/16 x 29-3/16 (1650 x 1,750 x 740)                                                                   |                       |
| Protection devices                   |  |  | High pressure sensor, High pressure switch at 4.15 MPa (601 psi)                                               |                       |
| Inverter circuit (COMP./FAN)         |  |  | Over-heat protection, Over-current protection                                                                  |                       |
| Compressor                           |  |  | -                                                                                                              |                       |
| Fan Motor                            |  |  | -                                                                                                              |                       |
| Refrigerant                          |  |  | R410A x 26 lbs + 1 oz (11.8 kg)                                                                                |                       |
| Type x original charge               |  |  | Indoor LEV and BC Controller                                                                                   |                       |
| Control                              |  |  | 770 (349)                                                                                                      |                       |
| Net weight                           |  |  | 770 (349)                                                                                                      |                       |
| Heat Exchanger                       |  |  | Salt-resistant cross fin & copper tube                                                                         |                       |
| HIC circuit (HIC: Heat Inter-Change) |  |  | -                                                                                                              |                       |
| Pipe between unit and distributor    |  |  | 3/4 (19.05) Braze                                                                                              |                       |
| High pressure                        |  |  | 7/8 (22.2) Braze                                                                                               |                       |
| Low pressure                         |  |  | -                                                                                                              |                       |
| Defrosting method                    |  |  | Auto-defrost mode (Reversed refrigerant cycle)                                                                 |                       |
| Optional parts                       |  |  | Outdoor Twinning kit: CMY-R100XLCBK                                                                            |                       |
|                                      |  |  | Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1, CMY-R201, 202, 203, 204, 306S-G, CMY-R302, 303, 304, 305S-G1 |                       |
|                                      |  |  | Main BC controller: CMB-P108, 1012, 1016NU-JA2, CMB-P1016NU-KA2                                                |                       |
|                                      |  |  | Sub BC controller: CMB-P104, 108NU-KB2                                                                         |                       |
| Compressor Operating Range           |  |  | 28.4 to 100%                                                                                                   |                       |
|                                      |  |  | 27.1 to 100%                                                                                                   |                       |

**Notes:**

- Nominal Cooling conditions (Test conditions are based on AHRI 1230) Indoor: 80°FDB./67°FWB. (26.7°CDB./19.4°CWB.), Outdoor: 95°FDB. (35°CDB.)
- Nominal Heating conditions (Test conditions are based on AHRI 1230) Indoor: 70°FDB. (21.1°CDB.), Outdoor: 47°FDB./43°FWB. (8.3°CDB./6.1°CWB.)
- External static pressure option is available (0.12 in.WG, 0.24 in.WG, 30 Pa, 60 Pa).
- All electrical work shall comply with National (CEC) and local codes and regulations.
- Mitsubishi Electric Sales Canada Inc. (MESCA) supports the use of only MESCA supplied and approved components and accessories for proper functioning of the unit(s).
- Mitsubishi Electric Sales Canada Inc. (MESCA) supports the use of only MESCA supplied and approved Snow Guard / Wind Deflectors / Windscreens and accessories for proper functioning of the unit(s).
- Use of non-MESCA supported Snow Guard / Wind Deflectors / Windscreens and accessories will affect warranty coverage.
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MESCA assumes no responsibility for any consequences in such cases.

### Outdoor Unit Outline and Dimensions:

Note 1. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

### Connecting pipe specifications

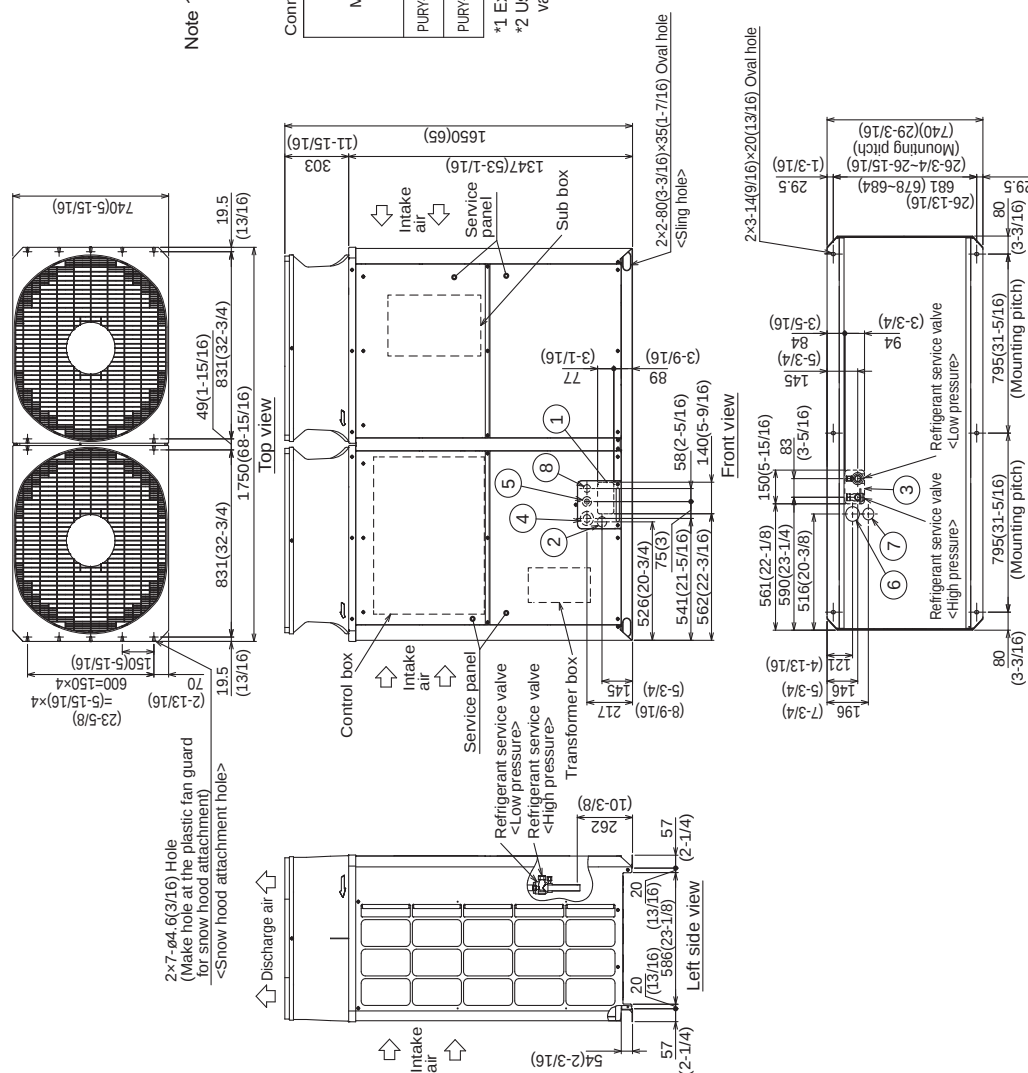
| Model        | Diameter                |                           |               |                |
|--------------|-------------------------|---------------------------|---------------|----------------|
|              | Refrigerant pipe        |                           | Service valve |                |
|              | High pressure           | Low pressure              | High pressure | Low pressure   |
| PUR-P120ZKMU | ø19.05 Braided (3/4) *2 | ø28.58 Braided (1-1/8) *1 | ø25.4 (1)     | ø28.58 (1-1/8) |
| PUR-P144ZKMU | ø22.2 Braided (7/8) *2  | ø28.58 Braided (1-1/8) *1 | ø25.4 (1)     | ø28.58 (1-1/8) |

\*1 Expand the on-site piping and connect to the refrigerant service valve piping.

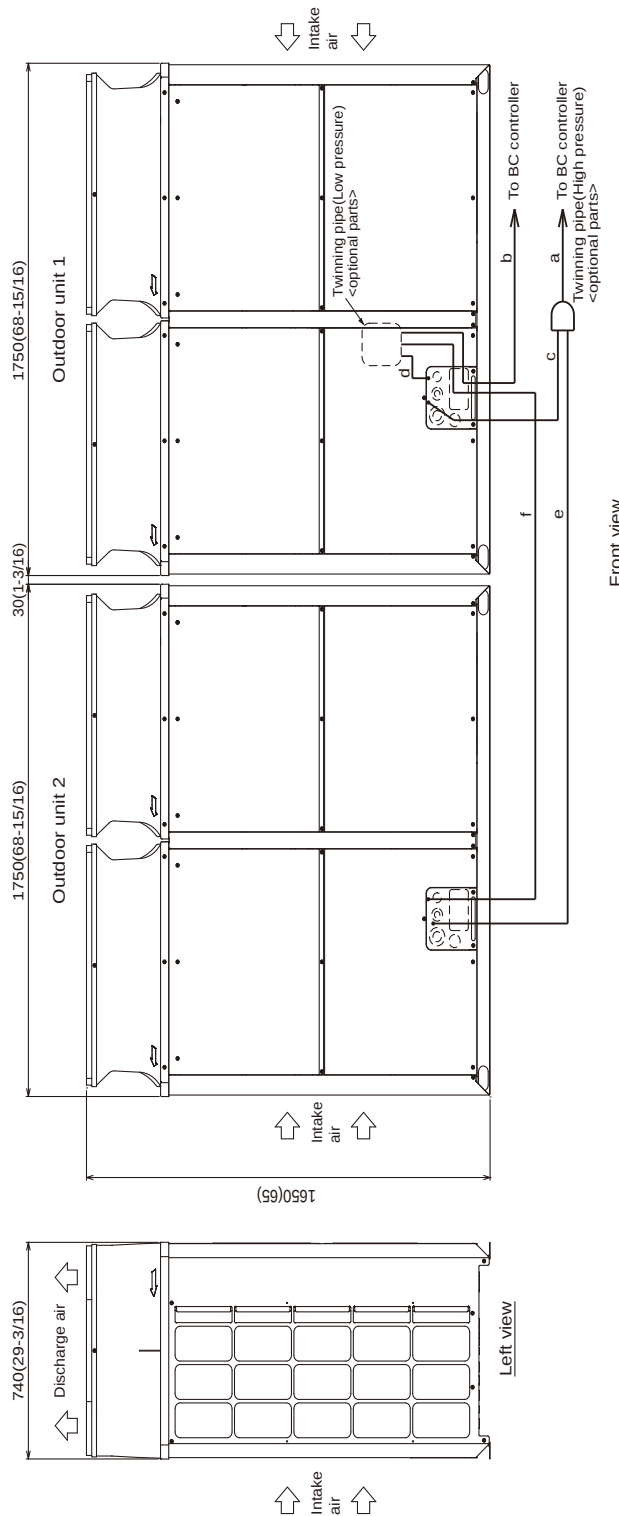
#2 Use the pipe joint(field supply) and connect to the refrigerant service valve piping.

| NO. | Usage                                                                                         | Specifications                                  |
|-----|-----------------------------------------------------------------------------------------------|-------------------------------------------------|
| ①   | Front through hole                                                                            | 140 x 77 Knockout hole<br>(5-9/16) (3-1/16)     |
| ②   | For pipes<br>Front through hole<br>(Uses when winning<br>kit (optional parts)<br>is mounted.) | ø45 Knockout hole<br>(1-13/16)                  |
| ③   | Bottom through hole                                                                           | 150 x 94 Knockout hole<br>(5-15/16) (3-3/4)     |
| ④   | Front through hole                                                                            | ø62.7 or ø34.5 Knockout hole<br>(2-1/2) (1-3/8) |
| ⑤   | Front through hole                                                                            | ø43.7 or ø22.2 Knockout hole<br>(1-3/4) (7/8)   |
| ⑥   | For wires<br>Bottom through hole                                                              | ø65 Knockout hole<br>(2-9/16)                   |
| ⑦   | Bottom through hole                                                                           | ø53 Knockout hole<br>(2-1/16)                   |
| ⑧   | For transmission cables<br>Front through hole                                                 | ø34 Knockout hole<br>(1-3/8)                    |

Unit: mm (in.)



**Outdoor Unit Outline and Dimensions:**



**Front view**

**Left view**

| Unit model           | P240            | P264            | P288            |
|----------------------|-----------------|-----------------|-----------------|
| Component unit model | P120            | P144            | P144            |
| High pressure        | c ø19.05(3/4)   | c ø19.05(3/4)   | c ø22.2(7/8)    |
| Low pressure         | d ø28.58(1-1/8) | d ø28.58(1-1/8) | d ø28.58(1-1/8) |

| Package unit name                    | PURY-P264ZSKMU-B(-BS) | PURY-P288ZSKMU-B(-BS) |
|--------------------------------------|-----------------------|-----------------------|
| Component unit name                  | PURY-P120ZSKMU-B(-BS) | PURY-P144ZSKMU-B(-BS) |
| Outdoor Twinning Kit(optional parts) | CMY-R100XLCBK         | CMY-R100XLCBK         |
| BC controller-Twinning pipe          | a ø28.58(1-1/8)       | a ø34.93(1-3/8)       |
| High pressure                        | b                     | b                     |
| Low pressure                         | b                     | b                     |

Unit: mm (in.)

- Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.  
 2. Twinning pipes must be installed horizontally using a level vessel.  
 3. Be sure to see the Installation Manual for details of Twinning pipe installation.  
 4. The pipe section before the Twinning pipe (section "a" in the figure) must have at least 500mm(19-11/16) of straight section ("including the straight pipe that is supplied with the Twinning pipe).  
 5. Only use the Twinning pipe by Mitsubishi (optional parts).  
 6. Connect the outdoor unit 1 with the Twinning pipe (Low pressure) (section "d" in the figure).



CONFORMS TO  
ANSI/UL STD. 1995  
CERTIFIED TO  
CAN/CSA STD.  
C22. 2 NO. 236