

Job Name: _____

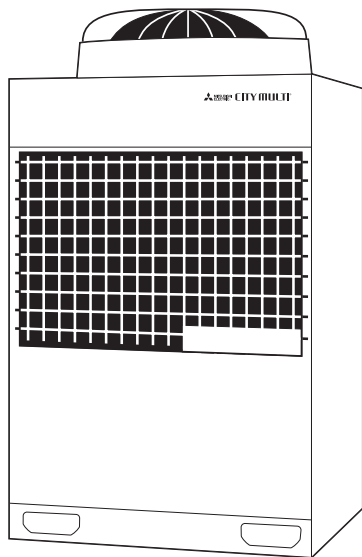
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 72,000 Btu/h
Heating 80,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz
Power Input

Cooling 6.48 kW
Heating 6.33 kW
Current

Cooling (208/230) 19.9 / 18.0 A
Heating (208/230) 19.5 / 17.6 A

Minimum Circuit Ampacity (MCA) (208/230) 26 / 23 A

Maximum Overcurrent Protection (MOCP)
Fuse 40 A

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y 8/1 or similar)

External Dimensions

Inches 72-15/32 h x 39 w x 33-3/32 d
mm 1840 h x 990 w x 840 d

Net Weight 490 lbs / 222 kg

Fan

Type x Quantity Propeller fan x 1
Airflow Rate 7,050 CFM
Motor Output 0.38 kW

Compressor

Type Inverter-driven scroll hermetic compressor
Motor Output 4.7 kW
Crankcase Heater 57 Watt @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High Pressure Protection 601 psi
Compressor Overheat protection
Inverter Overcurrent protection, overheat protection
Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 3/8" / 9.52 mm flare
Gas (Low Pressure) 3/4" / 19.05 mm brazed + flare

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity
Model / Quantity P06-P96 / 1 ~ 13

Sound Level 56 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

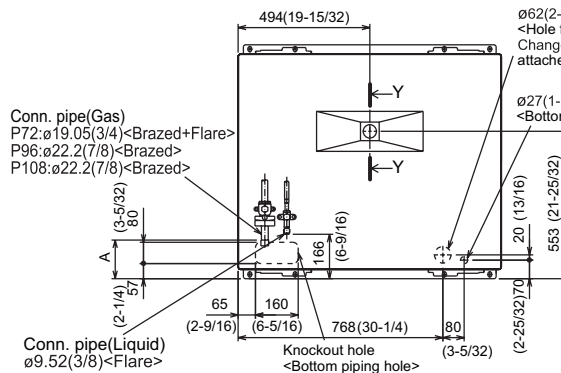
Cooling
Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB
Heating
Outdoor-4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

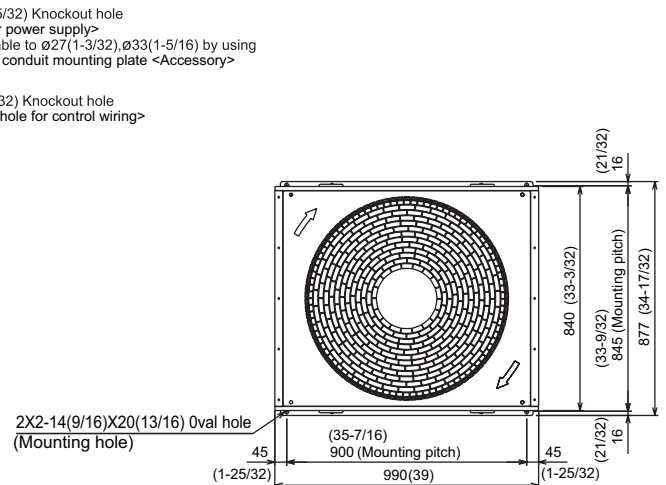
- ☐ Branch Joint (T-Branch <=72,000 Btu/h) CMY-Y102S-G
- ☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G
- ☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G
- ☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G
- ☐ High Static Pressure Motor PAC-KBU04MT-U-F

Notes: _____

Model: PUHY-P72TGMU-A-BS – DIMENSIONS



Cross section X-X



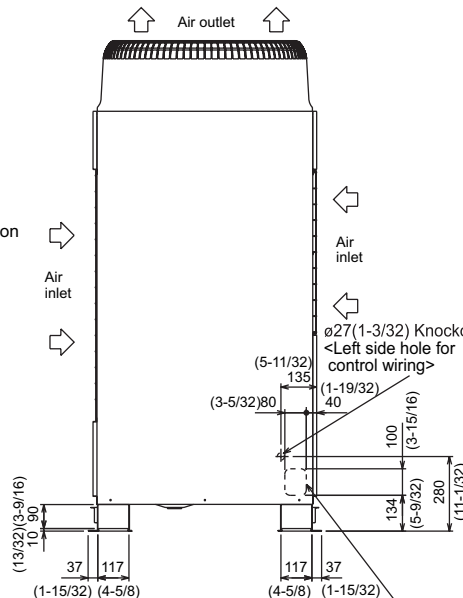
Top view

<Accessories>

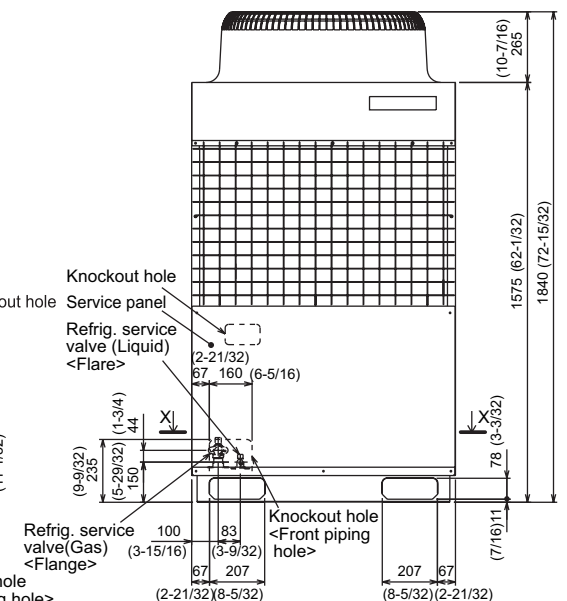
- Refrigerant (Gas) conn. pipe.....1 pc.
(P72 type: Packaged in the accessory kit)
(P96, P108 type: Already installed on the unit)
- Packing for conn. pipe.....1 pc.
(P72 type: Not attached)
(P96, P108 type: Attached near the ball valve)
- Conduit mounting plate
ø33(1-5/16), ø27(1-3/32).....1 pc. each
- Tapping screw M4.....2 pcs.

Note 1. Use the opening at the bottom of the unit when running the power supply line from the front or from the side of the unit.

Note 2. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.

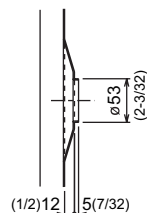


Left side view



Front view⁽⁸⁾

Model	A
72	132(5-7/32)
96	136(5-3/8)
108	136(5-3/8)



Cross section Y-Y



Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of quality warranties for the production of refrigeration and air conditioning equipment.

ISO Authorization System
The ISO 9000 series is a plant authorization system relating to quality warranties as stipulated by the ISO. ISO 9001 certifies quality warranties based on the "design, development, production, installation and auxiliary services" for products built at an authorized plant.



HVAC Advanced Products Division
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Certificate Number EC97J1227

Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired environmental management system standard ISO 14001 certification.

The ISO 14000 series is a set of standards applying to environmental protection set by the International Standard Organization (ISO).

Job Name: _____

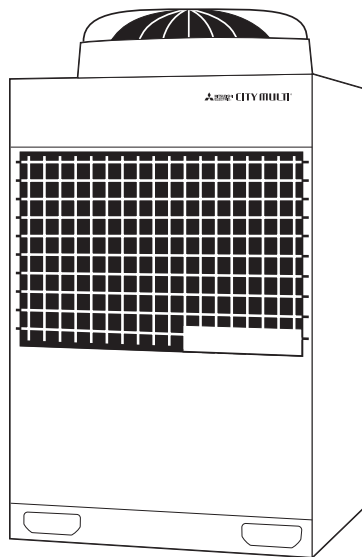
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 96,000 Btu/h
Heating 108,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz
Power Input

Cooling 8.67 kW
Heating 8.56 kW

Current

Cooling (208/230) 26.7 / 24.1 A
Heating (208/230) 26.4 / 23.8 A

Minimum Circuit Ampacity (MCA) (208/230) 34 / 31 A
Maximum Overcurrent Protection (MOCP)

Fuse 50 A

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y 8/1 or similar)

External Dimensions

Inches 72-15/32 h x 39 w x 33-3/32 d
mm 1840 h x 990 w x 840 d

Net Weight 524 lbs / 237 kg

Fan

Type x Quantity Propeller fan x 1
Airflow Rate 7,050 CFM
Motor Output 0.38 kW

Compressor

Type Inverter-driven scroll hermetic compressor
Motor Output 6.7 kW
Crankcase Heater 57 Watt @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High Pressure Protection 601 psi
Compressor Overheat protection
Inverter Overcurrent protection, overheat protection
Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 3/8" / 9.52 mm flare
Gas (Low Pressure) 7/8" / 22.2 mm brazed

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity
Model / Quantity P06-P96 / 1 ~ 16

Sound Level 57 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

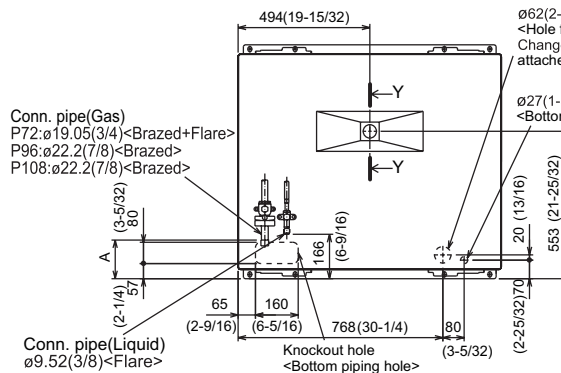
Cooling
Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB
Heating
Outdoor-4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

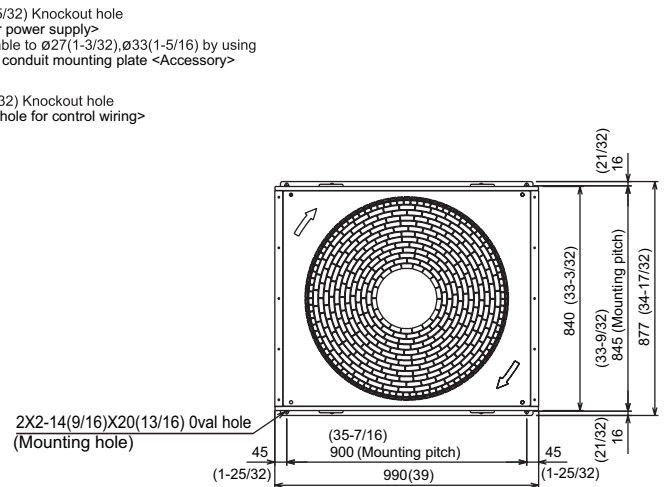
- ☐ Branch Joint (T-Branch ≤ 72,000 Btu/h) CMY-Y102S-G
- ☐ Branch Joint (T-Branch: 73,000-144,000 Btu/h) CMY-Y102L-G1
- ☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G
- ☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G
- ☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G
- ☐ High Static Pressure Motor PAC-KBU04MT-U-F

Notes: _____

Model: PUHY-P96TGMU-A-BS – DIMENSIONS



Cross section X-X



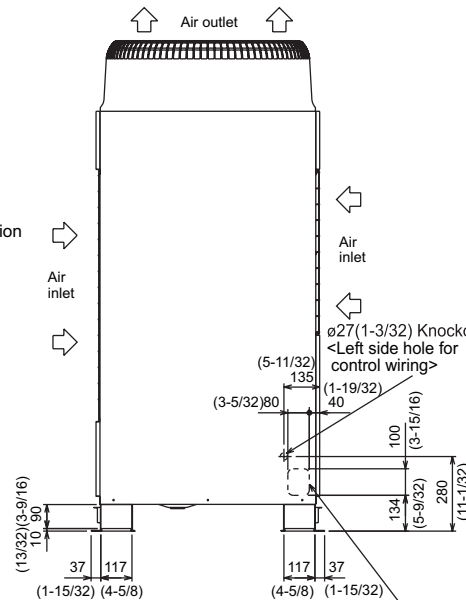
Top view

<Accessories>

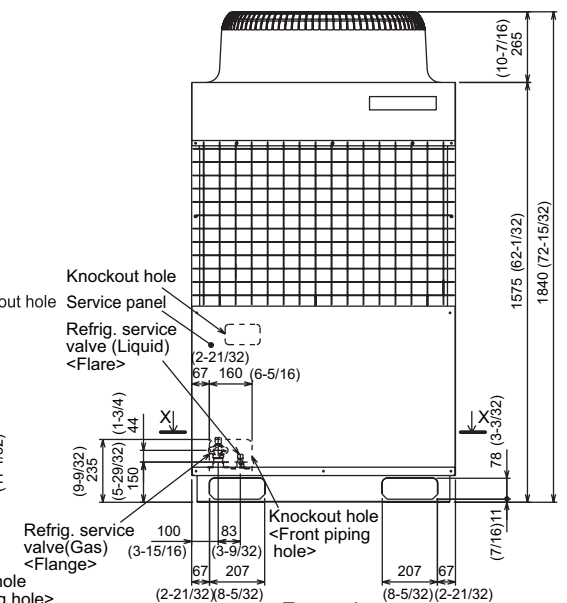
- Refrigerant (Gas) conn. pipe.....1 pc.
(P72 type: Packaged in the accessory kit)
(P96, P108 type: Already installed on the unit)
- Packing for conn. pipe.....1 pc.
(P72 type: Not attached)
(P96, P108 type: Attached near the ball valve)
- Conduit mounting plate
ø33(1-5/16), ø27(1-3/32).....1 pc. each
- Tapping screw M4.....2 pcs.

Note 1. Use the opening at the bottom of the unit when running the power supply line from the front or from the side of the unit.

Note 2. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.

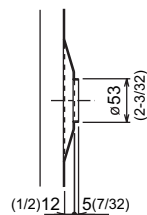


Left side view



Front view⁽⁸⁾

Model	A
72	132(5-7/32)
96	136(5-3/8)
108	136(5-3/8)



Cross section Y-Y



Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of quality warranties for the production of refrigeration and air conditioning equipment.

ISO Authorization System
The ISO 9000 series is a plant authorization system relating to quality warranties as stipulated by the ISO. ISO 9001 certifies quality warranties based on the "design, development, production, installation and auxiliary services" for products built at an authorized plant.



Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired environmental management system standard ISO 14001 certification.

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Job Name: _____

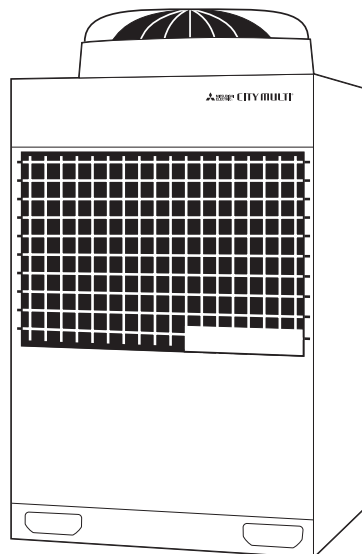
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 108,000 Btu/h
Heating 120,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz
Power Input

Cooling 9.73 kW
Heating 9.92 kW
Current

Cooling (208/230) 30.0 / 27.1 A
Heating (208/230) 30.6 / 27.6 A

Minimum Circuit Ampacity (MCA) (208/230) 38 / 35 A

Maximum Overcurrent Protection (MOCP)
Fuse 50 A

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y 8/1 or similar)

External Dimensions

Inches 72-15/32 h x 39 w x 33-3/32 d
mm 1840 h x 990 w x 840 d

Net Weight 524 lbs / 237 kg

Fan

Type x Quantity Propeller fan x 1
Airflow Rate 7,050 CFM
Motor Output 0.38 kW

Compressor

Type Inverter-driven scroll hermetic compressor
Motor Output 8.0 kW
Crankcase heater 57 Watt @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High pressure protection 601 psi
Compressor Overheat protection
Inverter Overcurrent protection, overheat protection
Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 3/8" / 9.52 mm flare
Gas (Low Pressure) 7/8" / 22.2 mm brazed

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity
Model / Quantity P06-P96 / 1 ~ 19

Sound Level 60 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

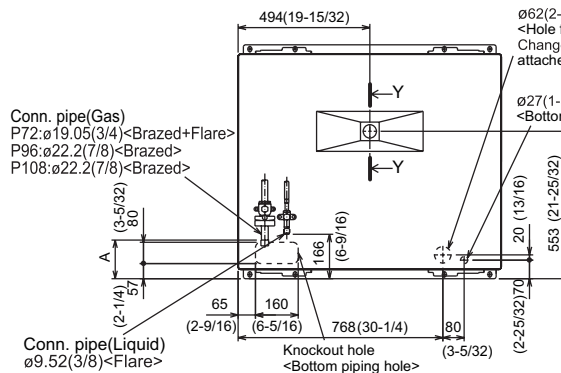
Cooling
Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB
Heating
Outdoor-4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

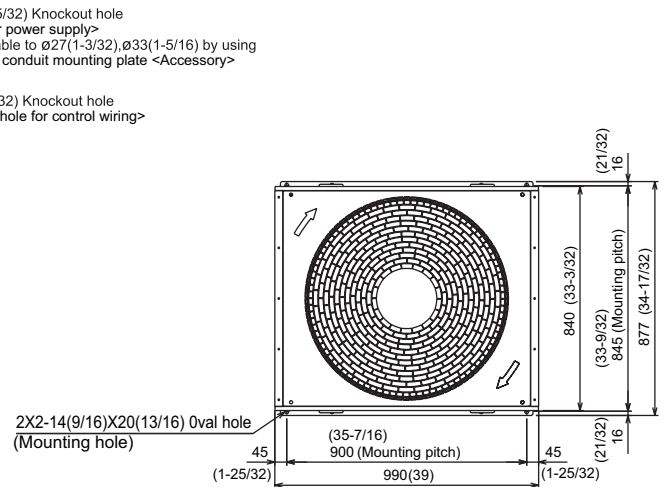
- ☐ Branch Joint (T-Branch ≤72,000 Btu/h) CMY-Y102S-G
- ☐ Branch Joint (T-Branch: 73,000-144,000 Btu/h) CMY-Y102L-G1
- ☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G
- ☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G
- ☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G
- ☐ High Static Pressure Motor PAC-KBU04MT-U-F

Notes: _____

Model: PUHY-P108TGMU-A-BS – DIMENSIONS



Cross section X-X



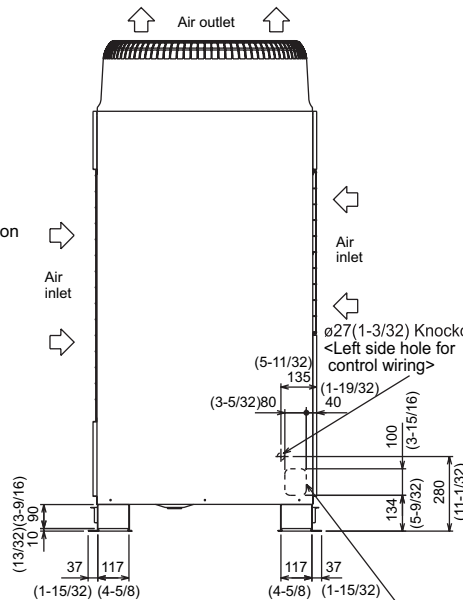
Top view

<Accessories>

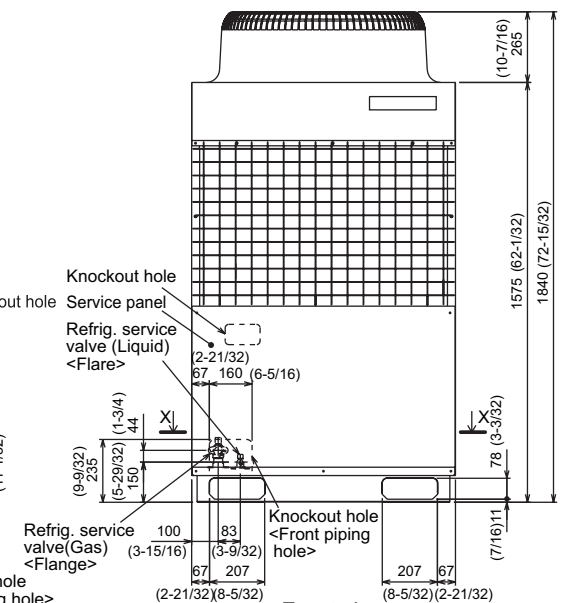
- Refrigerant (Gas) conn. pipe.....1 pc.
(P72 type: Packaged in the accessory kit)
(P96, P108 type: Already installed on the unit)
- Packing for conn. pipe.....1 pc.
(P72 type: Not attached)
(P96, P108 type: Attached near the ball valve)
- Conduit mounting plate
ø33(1-5/16), ø27(1-3/32).....1 pc. each
- Tapping screw M4.....2 pcs.

Note 1. Use the opening at the bottom of the unit when running the power supply line from the front or from the side of the unit.

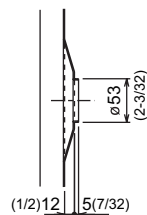
Note 2. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.



Left side view

Front view⁽⁸⁾

Model	A
72	132(5-7/32)
96	136(5-3/8)
108	136(5-3/8)



Cross section Y-Y



Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of quality warranties for the production of refrigeration and air conditioning equipment.

ISO Authorization System
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Job Name: _____

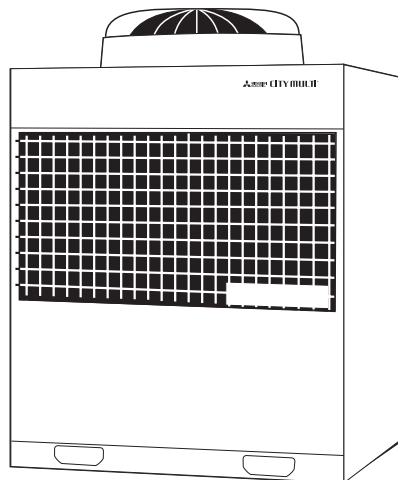
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 126,000 Btu/h
Heating 140,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz
Power Input

Cooling 11.36 kW
Heating 11.67 kW
Current

Cooling (208/230) 35.0 / 31.6 A
Heating (208/230) 36.0 / 32.5 A

Minimum Circuit Ampacity (MCA) (208/230) 44 / 40 A

Maximum Overcurrent Protection (MOCP)
Fuse 60 A

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y 8/1 or similar)

External Dimensions

Inches 72-15/32 h x 50-13/16 w x 33-3/32 d
mm 1840 h x 1290 w x 840 d

Net Weight 616 lbs / 279 kg

Fan

Type x Quantity Propeller fan x 1
Airflow Rate 8,450 CFM
Motor Output 0.64 kW

Compressor

Type Inverter-driven scroll hermetic compressor
Motor Output 8.5 kW
Crankcase Heater 57 Watt @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High Pressure Protection 601 psi
Compressor Overheat protection
Inverter Overcurrent protection, overheat protection
Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 1/2" / 12.7 mm flare
Gas (Low Pressure) 1-1/8" / 28.58 mm brazed

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity
Model / Quantity P06-P96 / 1 ~ 20

Sound Level 61 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

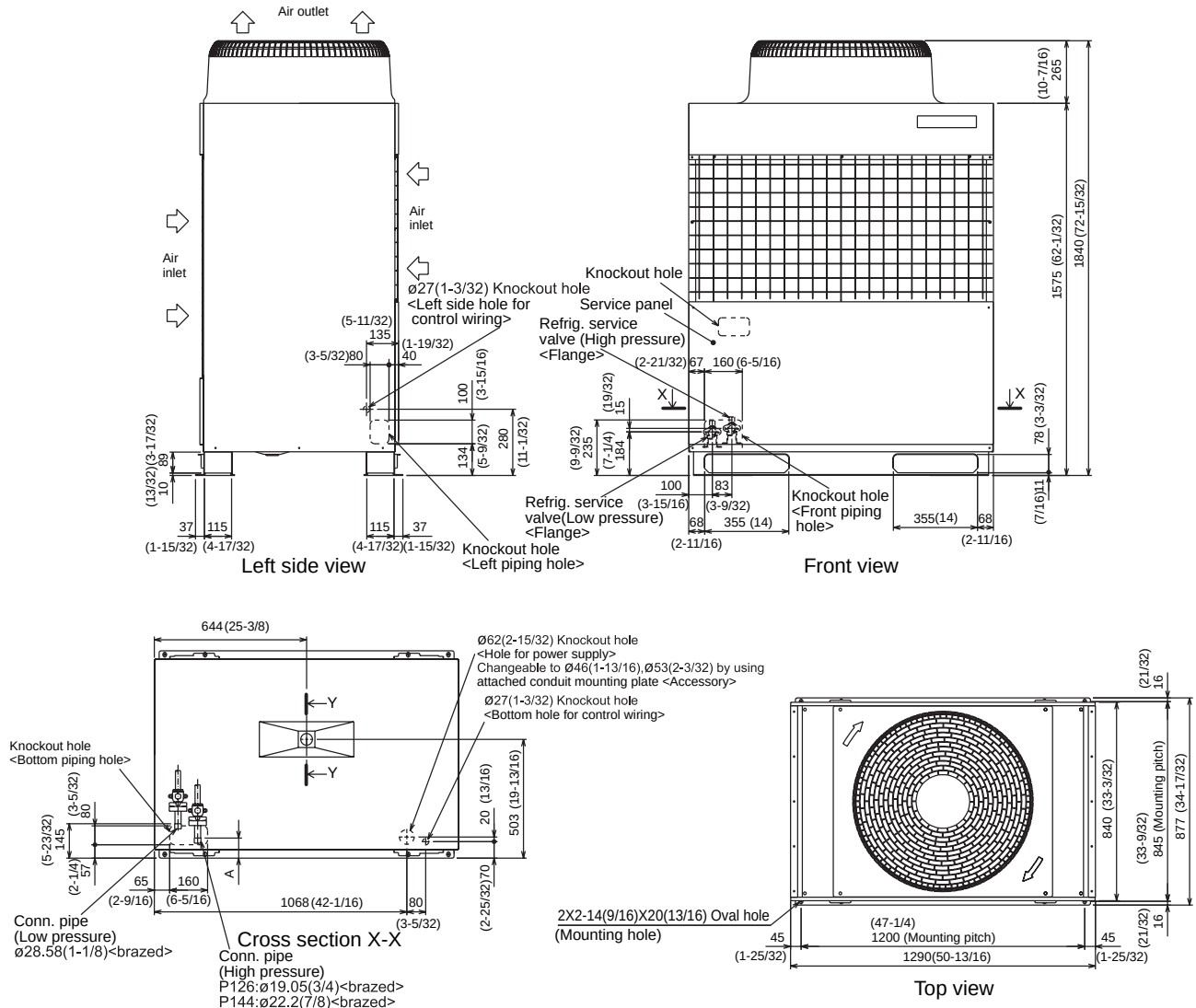
Cooling
Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB
Heating
Outdoor-4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

- ☐ Branch Joint (T-Branch <=72,000 Btu/h) CMY-Y102S-G
- ☐ Branch Joint (T-Branch: 73,000-144,000 Btu/h) CMY-Y102L-G1
- ☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G
- ☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G
- ☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G
- ☐ High Static Pressure Motor PAC-KBU04MT-U-F

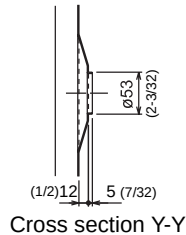
Notes: _____

Model: PUHY-P126TGMU-A-BS – DIMENSIONS



<Accessories>

- Refrigerant (high pressure) conn. pipe..... 2 pcs.
(Conn. pipe for front piping..... 1 pc.
:Already installed on the unit)
- Refrigerant (low pressure) conn. pipe..... 1 pc.
(Conn. pipe for bottom piping..... 1 pc.
:Packaged in the accessory kit)
- Packing for conn. high pressure pipe..... 1 pc.
(Attached near the ball valve)
- Packing for conn. low pressure pipe..... 1 pc.
(Attached near the ball valve)
- Conduit mounting plate
 $\varnothing 53(2-3/32)$, $\varnothing 46(1-13/16)$ 1 pc. each
- Tapping screw M4..... 2 pcs.
- Diameter-Adjusting Adapter..... 2 pcs.
(5/16 $\rightarrow$ 1/4 inch)



Model	A
126	95(4-3/4)
144	85(3-3/8)

Note 1. Use the opening at the bottom of the unit when running the power supply line from the front or from the side of the unit.

Note 2. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.



Certificate Number FM33568

Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of quality warranties for the production of refrigeration and air conditioning equipment.

ISO Authorization System
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Certificate Number EC97J1227

Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired environmental management system standard ISO 14001 certification.

The ISO 14000 series is a set of standards applying to environmental protection set by the International Standard Organization (ISO).



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Job Name: _____

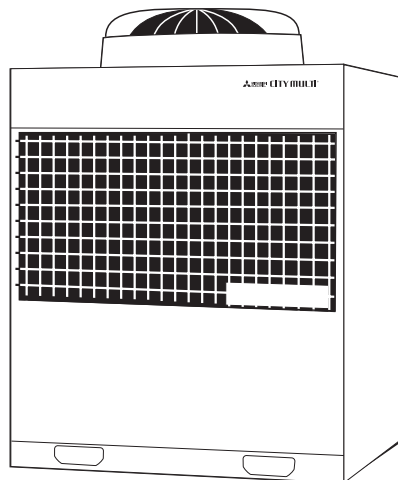
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 144,000 Btu/h
Heating 160,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz
Power Input

Cooling 14.20 kW
Heating 13.67 kW

Current

Cooling (208/230) 43.8 / 39.6 A
Heating (208/230) 42.1 / 38.1 A

Minimum Circuit Ampacity (MCA) (208/230) 55 / 50 A
Maximum Overcurrent Protection (MOCP)

Fuse 75 A

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y 8/1 or similar)

External Dimensions

Inches 72-15/32 h x 50-13/16 w x 33-3/32 d
mm 1840 h x 1290 w x 840 d

Net Weight 616 lbs / 279 kg

Fan

Type x Quantity Propeller fan x 1
Airflow Rate 8,450 CFM
Motor Output 0.64 kW

Compressor

Type Inverter driven scroll hermetic compressor
Motor Output 9.7 kW
Crankcase Heater 57 Watt @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High Pressure Protection 601 psi
Compressor Overheat protection
Inverter Overcurrent protection, overheat protection
Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 1/2" / 12.7 mm flare
Gas (Low Pressure) 1-1/8" / 28.58 mm brazed

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity
Model / Quantity P06-P96 / 1 ~ 22

Sound Level 61 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

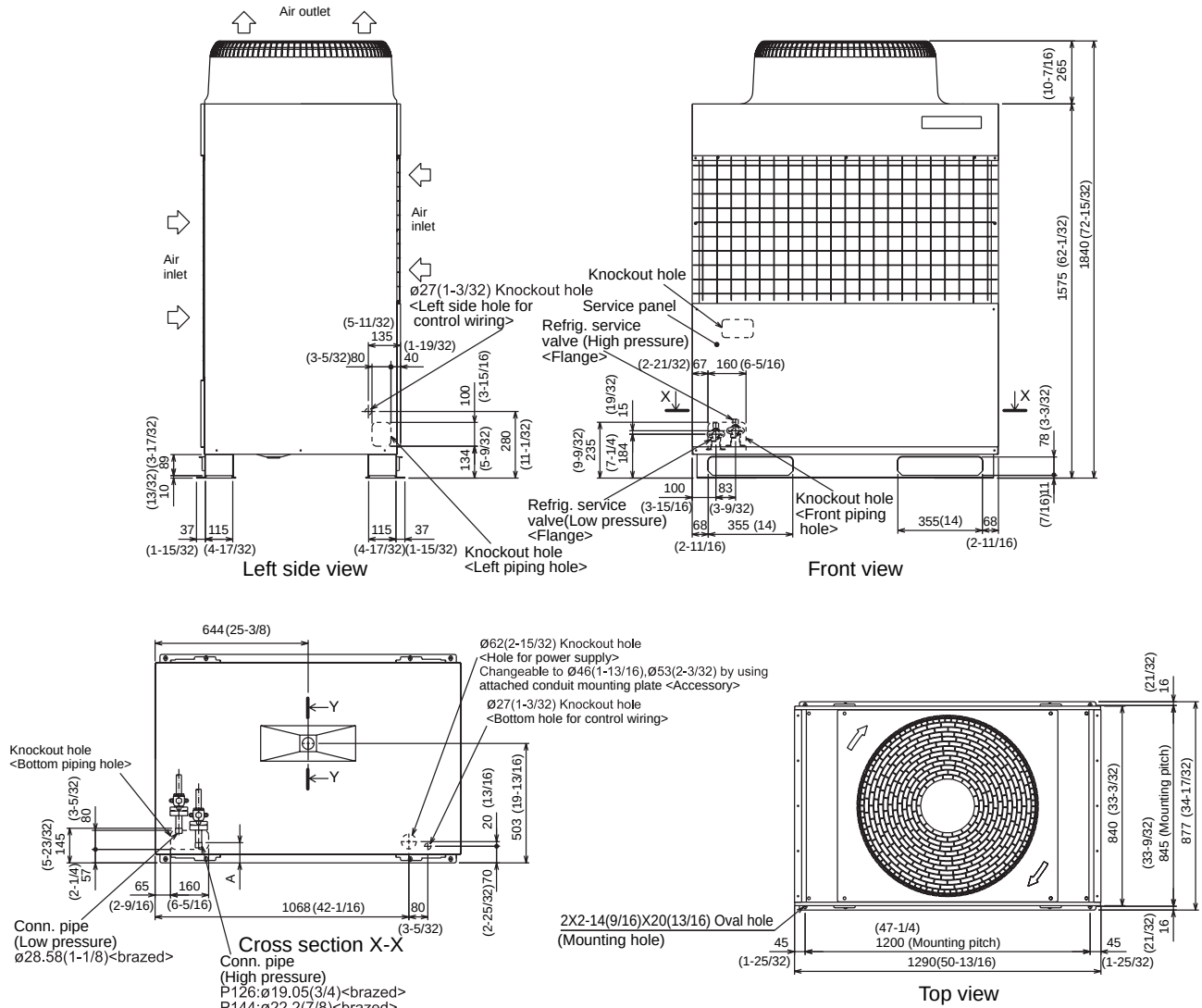
Cooling
Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB
Heating
Outdoor-4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

- ☐ Branch Joint (T-Branch ≤ 72,000 Btu/h) CMY-Y102S-G
- ☐ Branch Joint (T-Branch: 73,000-144,000 Btu/h) CMY-Y102L-G1
- ☐ Branch Joint (T-Branch: 145,000-234,000 Btu/h) CMY-Y202-G1
- ☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G
- ☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G
- ☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G
- ☐ High Static Pressure Motor PAC-KBU04MT-U-F

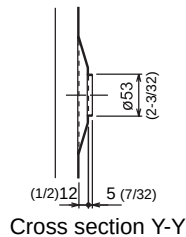
Notes: _____

Model: PUHY-P144TGMU-A-BS – DIMENSIONS



<Accessories>

- Refrigerant(high pressure)conn.pipe..... 2 pcs.
(Conn.pipe for front piping..... 1 pc.
:Already installed on the unit)
- Refrigerant(low pressure)conn. pipe..... 1 pc.
(Conn.pipe for bottom piping..... 1 pc.
:Packaged in the accessory kit)
- Packing for conn. high pressure pipe..... 1 pc.
(Attached near the ball valve)
- Packing for conn. low pressure pipe..... 1 pc.
(Attached near the ball valve)
- Conduit mounting plate
Ø53(2-3/32), Ø46(1-13/16)..... 1 pc. each
- Tapping screw M4..... 2 pcs.
- Diameter-Adjusting Adapter..... 2 pcs.
(5/16→1/4 inch)



Model	A
126	95(4-3/4)
144	85(3-3/8)

Note 1. Use the opening at the bottom of the unit when running the power supply line from the front or from the side of the unit.

Note 2. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.



Certificate Number FM33568

Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of quality warranties for the production of refrigeration and air conditioning equipment.

ISO Authorization System
The ISO 9000 series is a plant authorization system relating to quality warranties as stipulated by the ISO. ISO 9001 certifies quality warranties based on the "design, development, production, installation and auxiliary services" for products built at an authorized plant.



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Certificate Number EC97J1227



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Job Name: _____

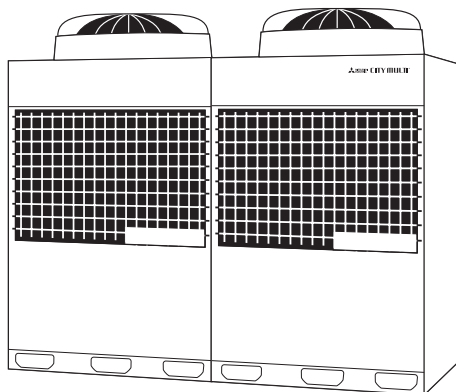
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 168,000 Btu/h
Heating 188,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz
Power Input

Cooling 14.97 kW
Heating 15.02 kW

Current

Cooling (208/230) 46.1 / 41.7 A
Heating (208/230) 46.3 / 41.9 A

Minimum Circuit Ampacity (MCA) (208/230) 58 / 52 A

Maximum Overcurrent Protection (MOCP)

Fuse 75 A

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y8/1 or similar)

External Dimensions

Inches 72-15/32 h x 78-3/8 w x 33-3/32 d
mm 1840 h x 1990 w x 840 d

Net Weight 1022 lbs / 463 kg
Fan

Type x Quantity Propeller fan x 2

Airflow Rate 14,100 CFM

Motor Output 0.38 kW x 2

Compressor

Type Inverter-driven scroll hermetic compressor and scroll hermetic compressor

Motor Output 6.8 + 5.3 kW

Crankcase Heater 57 Watt x 2 @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High Pressure Protection 601 psi

Compressor Overheat protection

Inverter Overcurrent protection, overheat protection

Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 5/8" / 15.88 mm flare

Gas (Low Pressure) 1-1/8" / 28.58 mm brazed

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity

Model / Quantity P06-P96 / 1 ~ 24

Sound Level 61 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

Cooling

Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB

Heating

Outdoor-4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

☐ Branch Joint (T-Branch ≤72,000 Btu/h) CMY-Y102S-G

☐ Branch Joint (T-Branch: 73,000-144,000 Btu/h) CMY-Y102L-G1

☐ Branch Joint (T-Branch: 145,000-234,000 Btu/h) CMY-Y202-G1

☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G

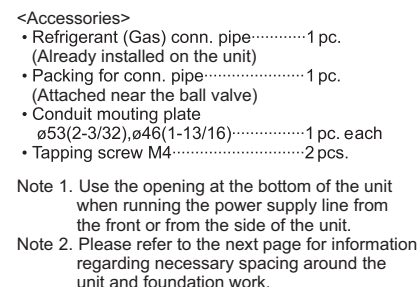
☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G

☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G

☐ High Static Pressure Motor PAC-KBU04MT-U-F

Notes: _____

Model: PUHY-P168TGMU-A-BS – DIMENSIONS



Job Name: _____

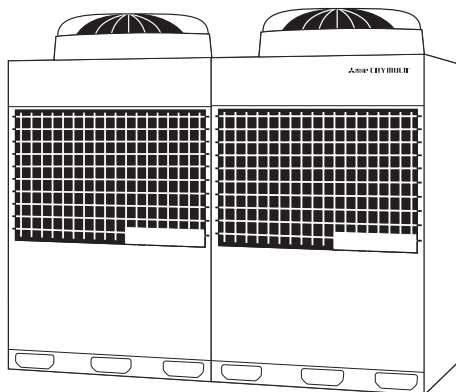
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 192,000 Btu/h
 Heating 216,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz
 Power Input

Cooling 17.34 kW
 Heating 17.48 kW

Current

Cooling (208/230) 53.4 / 48.3 A
 Heating (208/230) 53.9 / 48.7 A

Minimum Circuit Ampacity (MCA) (208/230) 67 / 60 A

Maximum Overcurrent Protection (MOCP)

Fuse 100 A

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y8/1 or similar)

External Dimensions

Inches 72-15/32 h x 78-3/8 w x 33-3/32 d
 mm 1840 h x 1990 w x 840 d

Net Weight 1022 lbs / 463 kg

Fan

Type x Quantity Propeller fan x 2

Airflow Rate 14,100 CFM

Motor Output 0.38 kW x 2

Compressor

Type Inverter-driven scroll hermetic compressor and scroll hermetic compressor

Motor Output 8.2 + 5.3 kW

Crankcase Heater 57 Watt x 2 @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High Pressure Protection 601 psi

Compressor Overheat protection

Inverter Overcurrent protection, overheat protection

Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 5/8" / 15.88 mm flare

Gas (Low Pressure) 1-1/8" / 28.58 mm brazed

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity

Model / Quantity P06-P96 / 1 ~ 24

Sound Level 62 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

Cooling

Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB

Heating

Outdoor-4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

☐ Branch Joint (T-Branch <=72,000 Btu/h) CMY-Y102S-G

☐ Branch Joint (T-Branch: 73,000-144,000 Btu/h) CMY-Y102L-G1

☐ Branch Joint (T-Branch: 145,000-234,000 Btu/h) CMY-Y202-G1

☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G

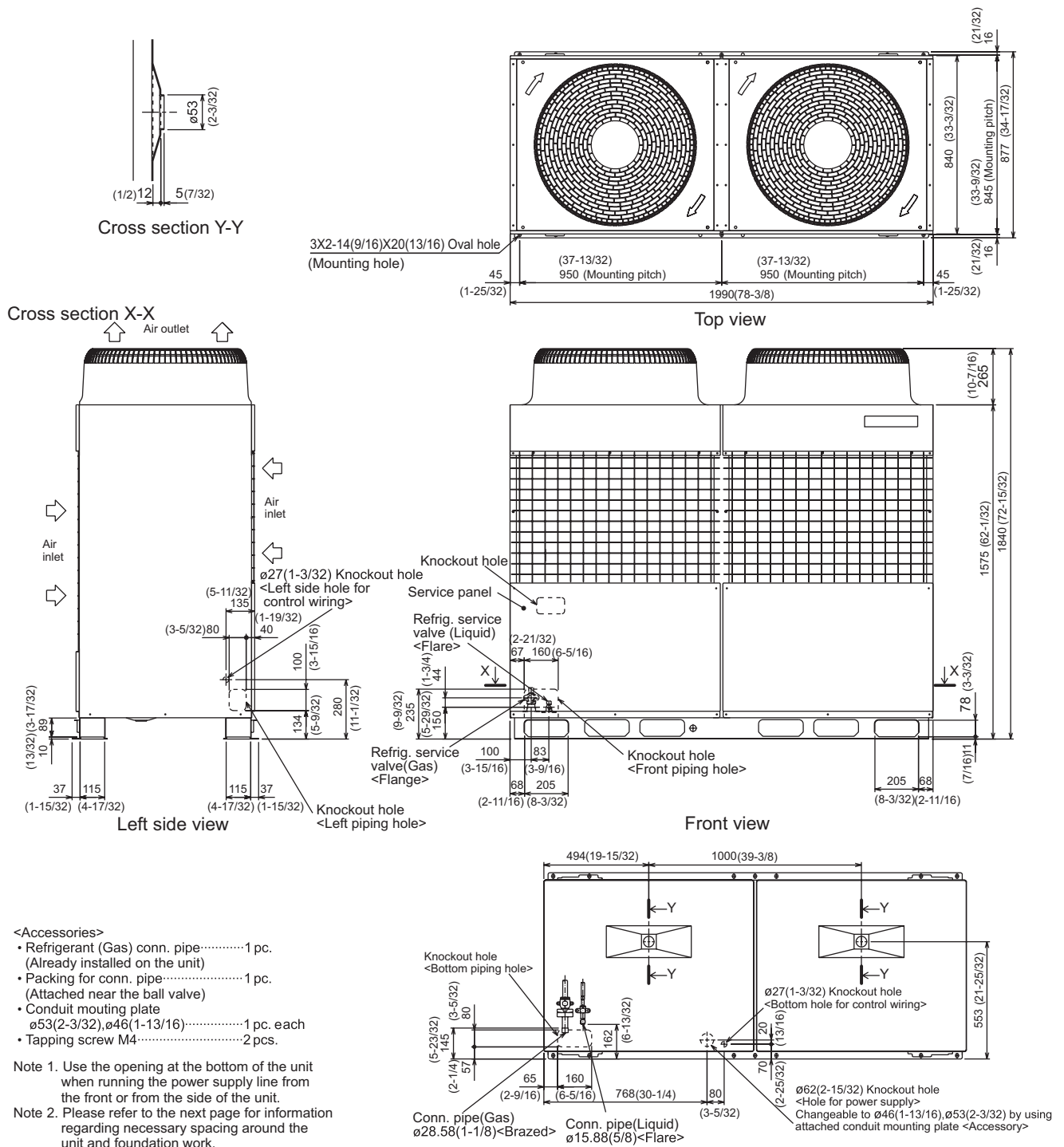
☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G

☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G

☐ High Static Pressure Motor PAC-KBU04MT-U-F

Notes: _____

Model: PUHY-P192TGMU-A-BS – DIMENSIONS



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ISO Authorization System
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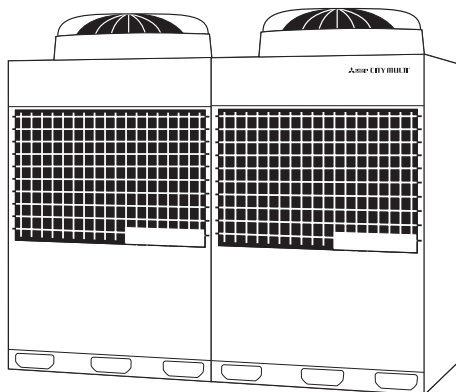
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 204,000 Btu/h
Heating 228,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz
Power Input

Cooling 18.71 kW
Heating 18.65 kW

Current

Cooling (208/230) 57.7 / 52.1 A
Heating (208/230) 57.5 / 50.0 A

Minimum Circuit Ampacity (MCA) (208/230) 72 / 65 A

Maximum Overcurrent Protection (MOCP)

Fuse 100 A

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y 8/1 or similar)

External Dimensions

Inches 72-15/32 h x 78-3/8 w x 33-3/32 d
mm 1840 h x 1990 w x 840 d

Net Weight 1022 lbs / 463 kg

Fan

Type x Quantity Propeller fan x 2

Airflow Rate 14,100 CFM

Motor Output 0.38 kW x 2

Compressor

Type Inverter-driven scroll hermetic compressor and scroll hermetic compressor

Motor Output 9.3 + 5.3 kW

Crankcase Heater 57 Watt x 2 @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High Pressure Protection 601 psi

Compressor Overheat protection

Inverter Overcurrent protection, overheat protection

Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 5/8" / 15.88 mm flare

Gas (Low Pressure) 1-1/8" / 28.58 mm brazed

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity

Model / Quantity P06-P96 / 1 ~ 24

Sound Level 62 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

Cooling

Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB

Heating

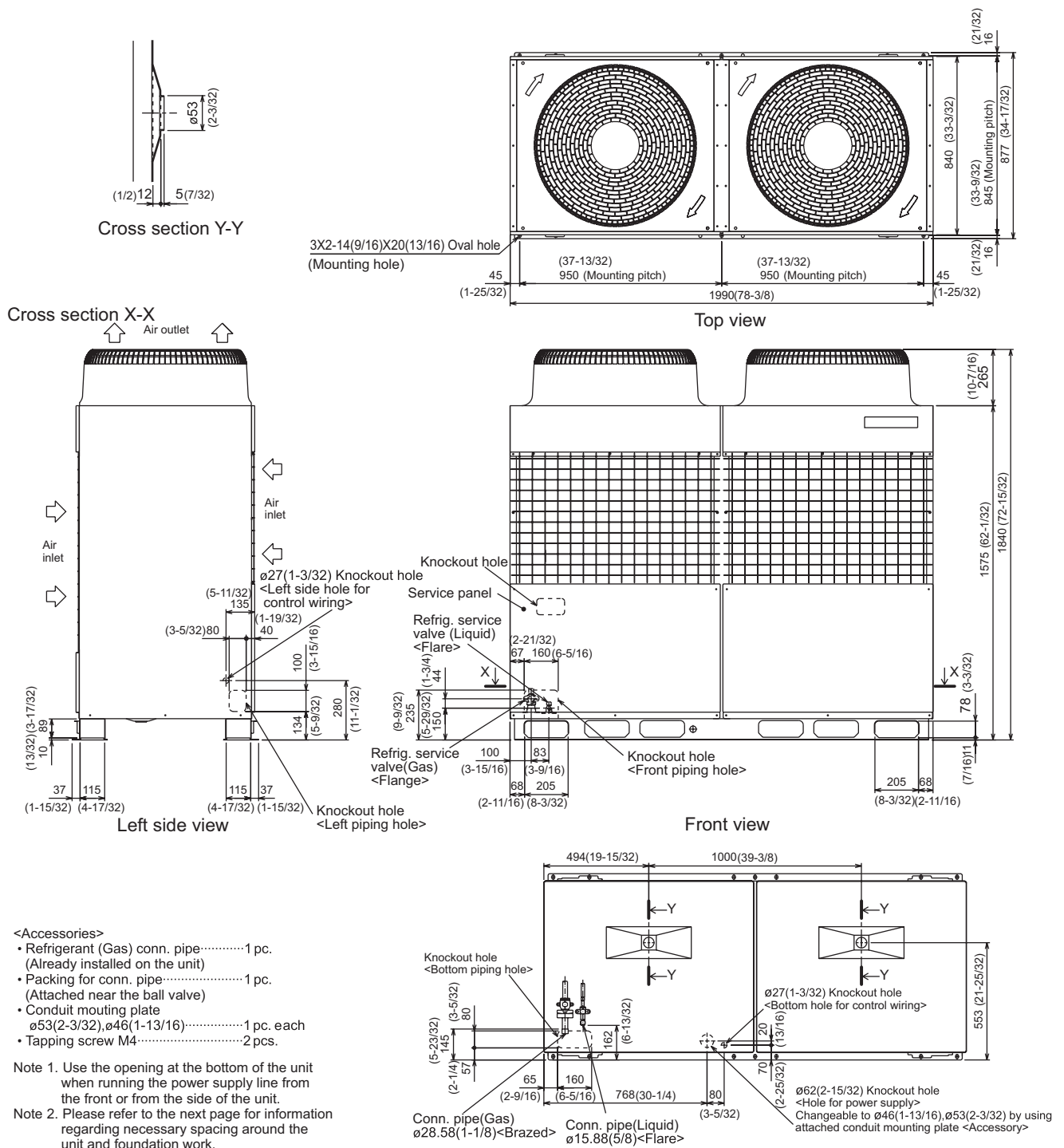
Outdoor-4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

- ☐ Branch Joint (T-Branch ≤ 72,000 Btu/h) CMY-Y102S-G
- ☐ Branch Joint (T-Branch: 73,000-144,000 Btu/h) CMY-Y102L-G1
- ☐ Branch Joint (T-Branch: 145,000-234,000 Btu/h) CMY-Y202-G1
- ☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G
- ☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G
- ☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G
- ☐ High Static Pressure Motor PAC-KBU04MT-U-F

Notes: _____

Model: PUHY-P204TGMU-A-BS – DIMENSIONS



Certificate Number FM33568

Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of quality warranties for the production of refrigeration and air conditioning equipment.

ISO Authorization System
The ISO 9000 series is a plant authorization system relating to quality warranties as stipulated by the ISO. ISO 9001 certifies quality warranties based on the "design, development, production, installation and auxiliary services" for products built at an authorized plant.



Certificate Number EC97J1227

Mitsubishi Electric Air Conditioning & Refrigeration Systems Works acquired environmental management system standard ISO 14001 certification.

The ISO 14000 series is a set of standards applying to environmental protection set by the International Standard Organization (ISO).



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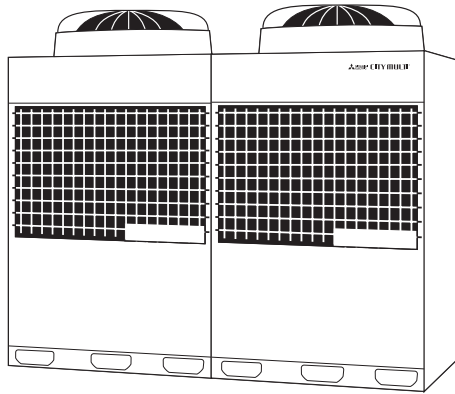
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 216,000 Btu/h

Heating 248,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz

Power Input

Cooling 19.92 kW

Heating 21.03 kW

Current

Cooling (208/230) 61.4 / 55.5 A

Heating (208/230) 64.8 / 58.6 A

Minimum Circuit Ampacity (MCA) (208/230) 77 / 69 A

Maximum Overcurrent Protection (MOCP)

Fuse 100 A

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y 8/1 or similar)

External Dimensions

Inches 72-15/32 h x 78-3/8 w x 33-3/32 d

mm 1840 h x 1990 w x 840 d

Net Weight 1022 lbs / 463 kg

Fan

Type x Quantity Propeller fan x 2

Airflow Rate 14,100 CFM

Motor Output 0.38 kW x 2

Compressor

Type Inverter-driven scroll hermetic compressor and scroll hermetic compressor

Motor Output 10.1 + 5.3 kW

Crankcase Heater 57 Watt x 2 @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High Pressure Protection 601 psi

Compressor Overheat protection

Inverter Overcurrent protection, overheat protection

Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 5/8" / 15.88 mm flare

Gas (Low Pressure) 1-1/8" / 28.58 mm brazed

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity

Model / Quantity P06-P96 / 1 ~ 32

Sound Level 62.5 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

Cooling

Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB

Heating

Outdoor-4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

☐ Branch Joint (T-Branch ≤ 72,000 Btu/h) CMY-Y102S-G

☐ Branch Joint (T-Branch: 73,000-144,000 Btu/h) CMY-Y102L-G1

☐ Branch Joint (T-Branch: 145,000-234,000 Btu/h) CMY-Y202-G1

☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G

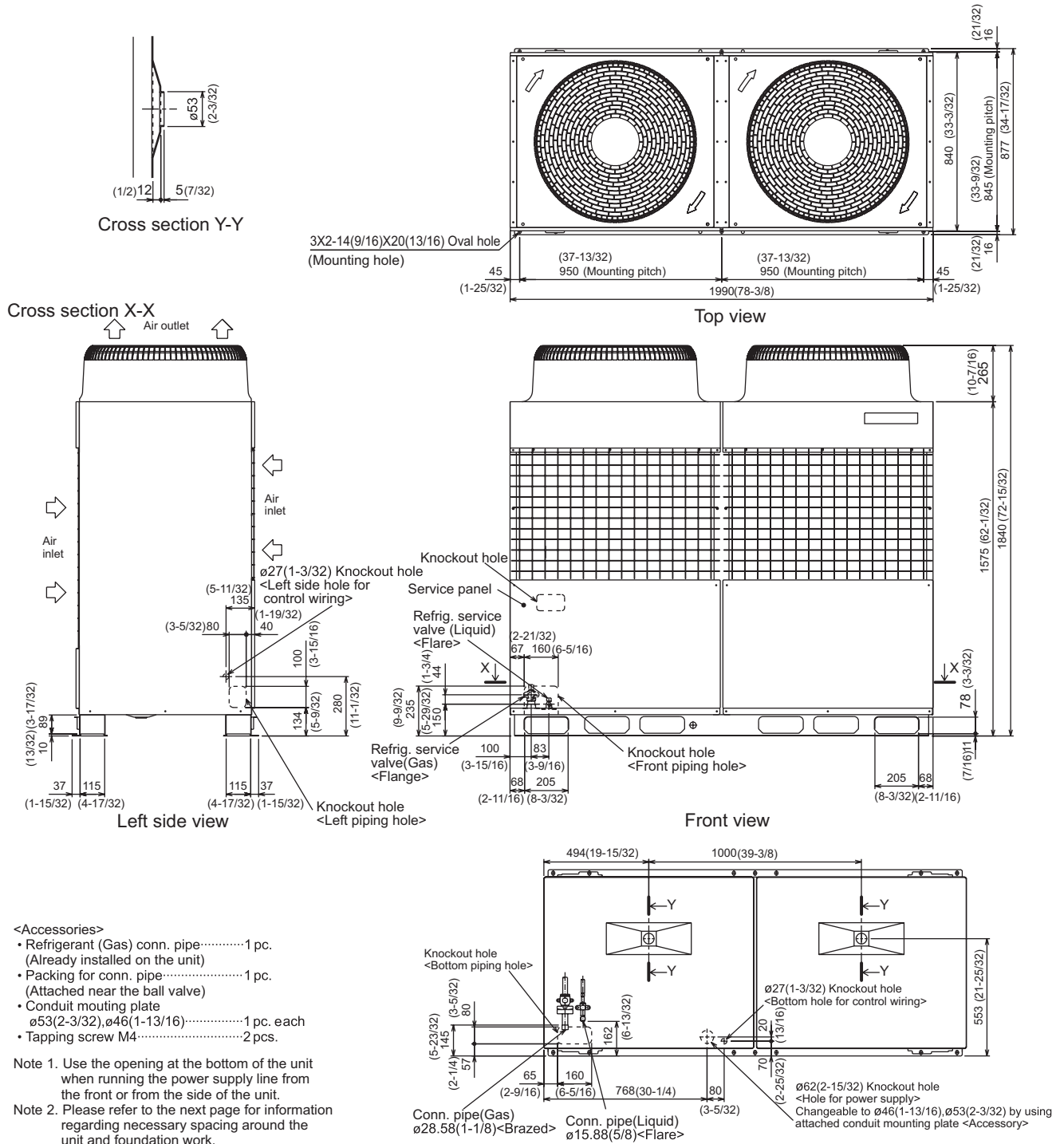
☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G

☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G

☐ High Static Pressure Motor PAC-KBU04MT-U-F

Notes:

Model: PUHY-P216TGMU-A-BS – DIMENSIONS



Certificate Number FM33568

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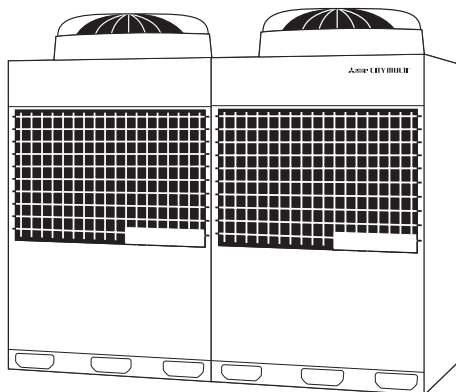
Drawing Reference: _____

Schedule No.: _____

System No.: _____

OUTDOOR UNIT FEATURES

- Inverter-driven (variable speed) scroll compressor
- Variable speed outdoor fan motor
- Total pipe length of 984 feet for refrigerant piping
- Multi-circuited condenser coils
- Modular design



OUTDOOR UNIT SPECIFICATIONS

Capacity

Cooling 234,000 Btu/h
 Heating 268,000 Btu/h

Power

Power Source 208 / 230V, 3 phase, 60 Hz
 Power Input

Cooling 21.62 kW
 Heating 23.11 kW

Current

Cooling (208/230) 66.6 / 60.3 A
 Heating (208/230) 71.2 / 64.4 A

Minimum Circuit Ampacity (MCA) (208/230) 83 / 75 A

Maximum Overcurrent Protection (MOCP)

Fuse 125 A (208V) / 100 A (230V)

External Finish Pre-coated galvanized sheets with powder coating (MUNSELL 5Y8/1 or similar)

External Dimensions

Inches 72-15/32 h x 78-3/8 w x 33-3/32 d
 mm 1840 h x 1990 w x 840 d

Net Weight 1022 lbs / 463 kg

Fan

Type x Quantity Propeller fan x 2

Airflow Rate 14,100 CFM

Motor Output 0.38 kW x 2

Compressor

Type Inverter-driven scroll hermetic compressor and scroll hermetic compressor

Motor Output 10.9 + 5.3 kW

Crankcase Heater 57 Watt x 2 @ 230 V

Refrigerant R410A

Lubricant MEL32

Protection Devices

High Pressure Protection 601 psi

Compressor Overheat protection

Inverter Overcurrent protection, overheat protection

Fan Thermal switch

Piping Diameter

Liquid (High Pressure) 5/8" / 15.88 mm flare

Gas (Low Pressure) 1-1/8" / 28.58 mm brazed

Indoor Unit

Total Capacity 50% – 130% of outdoor unit capacity

Model / Quantity P06-P96 / 1 ~ 32

Sound Level 63 dB(A)

Seacoast Protection Specifications

- Internal and external surfaces of the bottom frame, panels, partition plates, supports and electrical parts box, which are made of alloyed galvanized sheet metal, have powder coating.
- Steel wires in the fin guard have polyethylene coating.
- The motor shaft has rust prevention paint coating.
- The motor supports internal and external surfaces have galvanized and epoxy coating.
- The heat exchanger has two coatings of aqueous heat-drying type aminoalkyd resin.
- All printed circuit boards have moisture-proof coating.
- All screws have zinc-nickel alloy plating and chromate filming.

Operating Temperature Range

Cooling

Outdoor 23°F (-5°C) DB ~ 109°F (43°C) DB

Heating

Outdoor -4°F (-20°C) WB ~ 60°F (15.5°C) WB

OPTIONS

☐ Branch Joint (T-Branch ≤ 72,000 Btu/h) CMY-Y102S-G

☐ Branch Joint (T-Branch: 73,000-144,000 Btu/h) CMY-Y102L-G1

☐ Branch Joint (T-Branch: 145,000-234,000 Btu/h) CMY-Y202-G1

☐ Header - 4-Branch (Capacity ≤ 72,000 Btu/h) CMY-Y104-G

☐ Header - 8-Branch (Capacity ≤ 144,000 Btu/h) CMY-Y108-G

☐ Header - 10-Branch (Capacity ≤ 234,000 Btu/h) CMY-Y1010-G

☐ High Static Pressure Motor PAC-KBU04MT-U-F

Notes: _____

Model: PUHY-P234TGMU-A-BS – DIMENSIONS

