CITY**MULTI**® **Model: PUMY-P48NHMU*(-BS)** MITSUBISHI ELECTRIC

Job Name: Chilmark Town Hall

Schedule Reference: Unit to be located outdoors near existing condenser | Date: 08.01.14

OUTDOOR VRF SYSTEM FEATURES

- Single-phase outdoor unit with variable refrigerant flow (VRF) zoning technology
- Inverter-driven (variable speed) compressor
- Total refrigerant piping length of 394' (120 m)
- Uses CITY MULTI indoor units and Controls Network

*UNIT OPTION

□ Standard Model…….....PUMY-P48NHMU
□ Standard Model…….....PUMY-P48NHMUR4
□ Sea Coast (BS) Model…….....PUMY-P48NHMU-BS
■ Sea Coast (BS) Model……....PUMY-P48NHMUR4-BS

OPTIONAL PARTS

■ Joint Kit.....…for details see Pipe Accesories Submittal
■ Header Kit.....…for details see Pipe Accesories Submittal
□ Air Outlet Guide (One Piece)**…….....….....PAC-SG59SG-E
■ Wind Baffle (One Piece)**…....……WB-PA2
■ Drain Pan…….....….....….…PAC-SG64DP-E
■ Drain Socket…….….....PAC-SG61DS-E
■ Drain Socket…….....….....PAC-SH71DS-E

**PUMY requires one outlet guides or one wind baffles for installation.

Specifications		Model Name
Unit Type		PUMY-P48NHMU
Nominal Cooling Capacity (208/230V)	Btu/h	48,000
Nominal Heating Capacity (208/230V)	Btu/h	54,000
Operating Temperature Range	Cooling (Outdoor) *1	23° F ~ 115° F (-5 ° ~ +46° C) DB*
	Heating (Outdoor)	0° F ~ +60° F (-18° ~ +15° C) WB
External Dimensions (H x W x D)	In. / mm	53-3/16 x 37-7/16 x 13 (+1-3/16) / 1,350 x 950 x 330 (+30)
Net Weight	Lbs. / kg	287 / 130
External finish		Precoated Galvanized-steel Sheets
Electrical Power Requirements	Voltage, Phase, Hertz	208 / 230V, 1-phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	26
Recommended Fuse/Breaker Size	A	30
Maximum Fuse Size	A	40
Piping Diameter (Flared) (In. / mm)	Liquid (High Pressure)	3/8 / 9.52
	Gas (Low Pressure)	5/8 / 15.88
Indoor Unit	Total Capacity	50 to 130% of Outdoor Unit Capacity
	Model / Quantity	P06 to P54 / 1 to 8
Sound Pressure Levels	dB(A)	50/52
Fan		
Type x Quantity		Propeller Fan x 2
Airflow Rate	CFM	3,530
Direct-drive Inverter Motor Output	kW	0.086
Compressor Operating Range		25% to 100%
Compressor Type x Quantity		Inverter-driven Scroll Hermetic x 1
Compressor Motor Output	kW	2.4
Refrigerant		R410A
Lubricant		FV50S
High-pressure Protection Device		601 psi / 4.15 MPa
Compressor / Fan Protection Device		Overheat Protection / Thermal Switch
Inverter Protection Device		Overheat / Overcurrent Protection
AHRI Ratings (Ducted / Non-Ducted)	EER	8.40 / 9.00
	SEER	14.5 / 15.5
	COP	3.56 / 3.14
Blue Fin Anti-corrosion Protection: Cellulose- and polyurethane-resin coating treatment applied to condenser coil that protects it from air contaminants; ≥1μm thick; Salt Spray Test Method - no unusual rust development to 240 hours.		

NOTES:
*1. If PKFY-P06/08 indoor units are connected, then range is 50° F ~ 115° F (10° C ~ 46° C).

SEACOAST PROTECTION

•External Panel Base, External Front Panel, Pillar: Alloyed galvanized-steel sheets with thermoset polyester-resin coating on internal and external surfaces
•Compressor Cover: Galvanized-aluminum sheets with thermoset polyester-resin coating on internal and external surfaces
•Electrical Parts Box: Galvanized-aluminum sheets with thermoset polyester-resin coating on external surface
•Fan Motor Support: Galvanized-steel sheets with thermoset polyester-resin coating on internal and external surfaces
•Printed Circuit Board: Epoxy resin with polyurethane-coating on external surface

Specifications are subject to change without notice.
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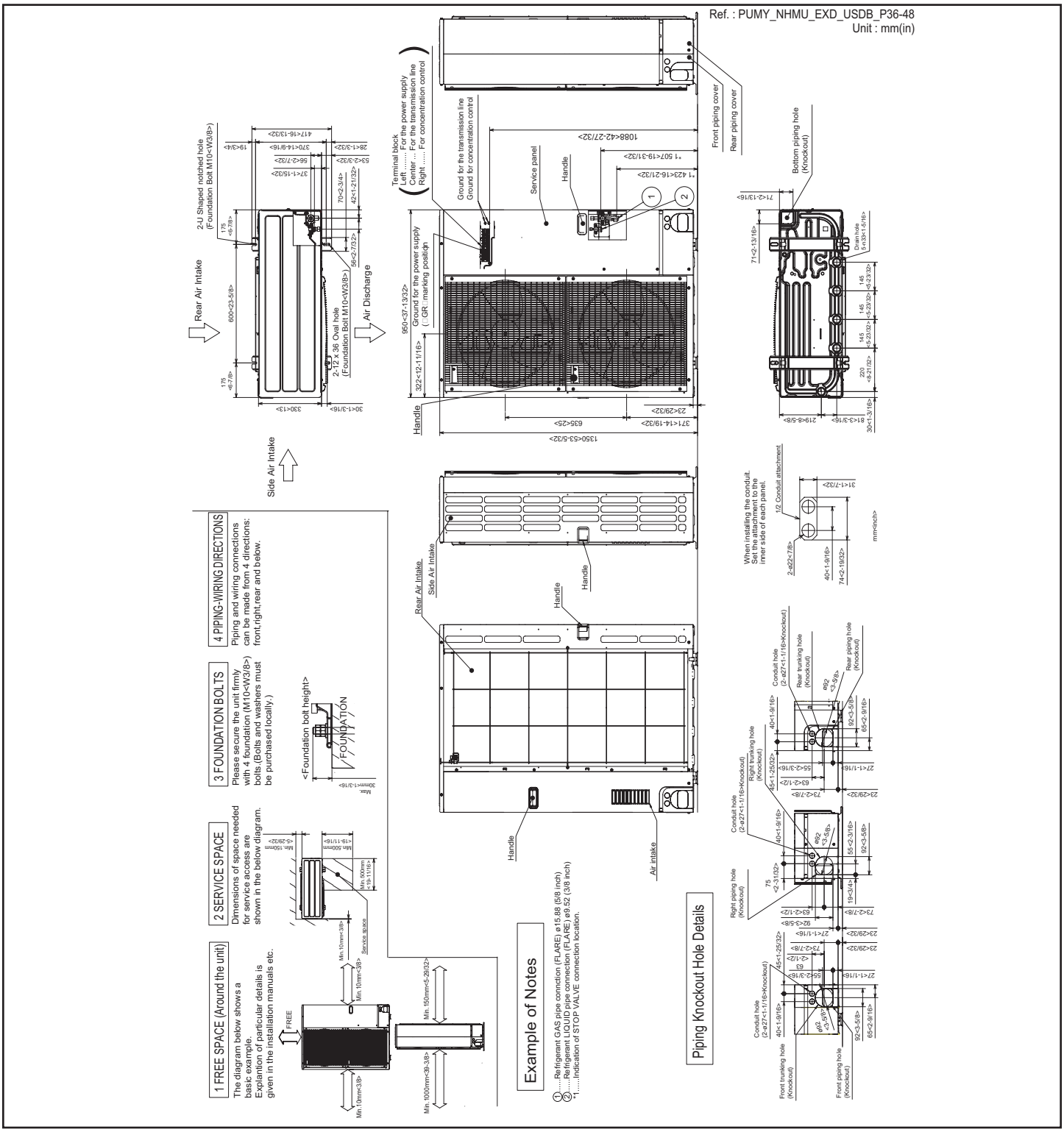
Model: PUMY-P48NHMU*(-BS) – DIMENSIONS



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