

PUZ HEAT PUMP OUTDOOR UNITS

1. Specifications PUZ-2

2. External Dimensions PUZ-7

3. Center of Gravity PUZ-11

4. Electrical Wiring Diagrams PUZ-12

5. Refrigerant System Diagrams PUZ-16

6. Sound Pressure Levels PUZ-17

7. Standard Operation Range PUZ-18

8. Standard and Seacost Protection (-BS) Treatment PUZ-19

 8-1. PUZ Heat Pump Outdoor Units.....PUZ-19

9. Accessories PUZ-20

Due to continuing improvement, above specification may be subject to change without notice.

1. SPECIFICATIONS

INVERTER-driven compressor varies speed dynamically to adapt continuously to the room load.

- R410A refrigerant
- INVERTER technology for maximum energy-efficiency, precise temperature control, and more consistent comfort in every space
- Indoor unit powered by outdoor unit
- Rugged housing, tough cabinet finish, strong welds at numerous stress point
- Durable, aerodynamic fan design
- Quiet cooling operation down to 0° F with optional wind baffle added
- L-shape condenser coil features copper tubing and aluminum fins
- Cabinet mounting and construction are designed to withstand 155 MPH winds
- Easy interior access to every P-Series unit
- Limited warranty: five years parts and seven years compressor

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1. SPECIFICATIONS

Model name		PUZ-A18NHA4 PUZ-A18NHA4-BS	PUZ-A24NHA4 PUZ-A24NHA4-BS	PUZ-A30NHA4 PUZ-A30NHA4-BS	PUZ-A36NHA4 PUZ-A36NHA4-BS	PUZ-A42NHA5 PUZ-A42NHA5-BS
Power supply	Phase	Single				
	Cycle Voltage	60Hz 208/230V				
MCA	A	13	18	25	25	26
MOCP	A	20	30	40	40	40
Breaker size	A	15	20	30	30	30
External finish	Munsell 3Y 7.8/1.1					
Heat exchanger	Plate fin coil					
Defrost method	Reverse cycle					
Crankcase heater	-					
Compressor		Hermetic				
Model	Model	SNB130FQCM1	TNB220FLHM	TNB220FLHM	TNB220FLHM	ANV33FDPMT
	Motor output	0.9	1.3	1.3	1.3	2.5
	R.L.A.	12	12	12	12	20
	L.R.A.	14	14	17.5	17.5	27.5
Starter type		Inverter				
Fan	Fan(drive) o No.	Propeller fan o 1	Propeller fan o 1	Propeller fan o 1	Propeller fan o 1	Propeller fan o 2
	Fan motor output	0.040	0.075	0.075	0.075	0.086 + 0.086
	Fan motor (ECM)	0.35	0.75	0.75	0.75	0.40 + 0.40
	Airflow	34	55	55	55	100
Sound level	CFM	1200	1940	1940	1940	3530
	dB	48	48	48	48	51
	Heating	47	50	50	50	55
Protection devices		HP switch	HP switch	HP switch	HP switch	HP switch LP switch
Dimension	W	Comp.shell thermo	Comp.shell thermo	Comp.shell thermo	Comp.shell thermo	Discharge thermo
	D	800	950	950	950	950
	H	300+23	330+30	330+30	330+30	330+30
	W	600	943	943	943	1350
	D	31-1/2	37-12/32	37-12/32	37-12/32	37-12/32
Weight	H	11-13/16 + 7/8	13 + 1-3/16	13 + 1-3/16	13 + 1-3/16	13 + 1-3/16
	kg	23-5/8	37-1/8	37-1/8	37-1/8	53-5/32
	lbs	41	75	75	75	118
		91	165	165	165	260

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C (80°F), W.B. 19.4°C (67°F) Outdoor : D.B. 35°C (95°F), W.B. 23.9°C (75°F)
(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)
*2.Rating conditions (heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)
* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C (23°F)DB.)

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1. SPECIFICATIONS

Model name		PUZ-A18NHA4 PUZ-A18NHA4-BS	PUZ-A24NHA4 PUZ-A24NHA4-BS	PUZ-A30NHA4 PUZ-A30NHA4-BS	PUZ-A36NHA4 PUZ-A36NHA4-BS	PUZ-A42NHA5 PUZ-A42NHA5-BS
Refrigerant	Charged	kg lbs	1.7 3 + 12/16	3.0 6 + 10/16	3.0 6 + 10/16	4.5 10
	Control					
	Oil	Model				
	Charged	L oz	0.65 20	0.87 28	0.87 28	1.4 45
	Pipe size OD	mm in.	6.35 1/4	9.52 3/8	9.52 3/8	15.88 5/8
Refrigerant piping	Pipe size OD	mm in.	12.7 1/2	15.88 5/8	15.88 5/8	15.88 5/8
	Connection method Indoor			Flared		
	Connection method Outdoor			Flared		
	Height difference	m ft		Max. 30 Max. 100		
	Piping length	m ft	Max. 30 Max. 100	Max. 50 Max. 165	Max. 50 Max. 165	Max. 50 Max. 165

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1. SPECIFICATIONS

REFILLING REFRIGERANT CHARGE (R410A : oz, kg)

Model name	Piping Length (one way)													Factory Charged
	50ft 15m	60ft 18m	70ft 21m	80ft 24m	90ft 27m	100ft 30m	110ft 33m	120ft 37m	130ft 40m	140ft 43m	150ft 46m	160ft 49m	165ft 50m	
PUZ-A18NHA4 PUZ-A18NHA4-BS	56 oz	58 oz	60 oz	62 oz	64 oz	66 oz	-	-	-	-	-	-	-	60 oz
	1.6 kg	1.6 kg	1.7 kg	1.8 kg	1.8 kg	1.9 kg	-	-	-	-	-	-	-	1.7 kg
PUZ-A24NHA4 PUZ-A24NHA4-BS	94 oz	100 oz	106 oz	112 oz	118 oz	124 oz	130 oz	136 oz	142 oz	148 oz	154 oz	160 oz	166 oz	106 oz
	2.7 kg	2.8 kg	3.0 kg	3.2 kg	3.3 kg	3.5 kg	3.7 kg	3.9 kg	4.0 kg	4.2 kg	4.4 kg	4.5 kg	4.7 kg	3.0 kg
PUZ-A30NHA4 PUZ-A30NHA4-BS	94 oz	100 oz	106 oz	112 oz	118 oz	124 oz	130 oz	136 oz	142 oz	148 oz	154 oz	160 oz	166 oz	106 oz
	2.7 kg	2.8 kg	3.0 kg	3.2 kg	3.3 kg	3.5 kg	3.7 kg	3.9 kg	4.0 kg	4.2 kg	4.4 kg	4.5 kg	4.7 kg	3.0 kg
PUZ-A36NHA4 PUZ-A36NHA4-BS	94 oz	100 oz	106 oz	112 oz	118 oz	124 oz	130 oz	136 oz	142 oz	148 oz	154 oz	160 oz	166 oz	106 oz
	2.7 kg	2.8 kg	3.0 kg	3.2 kg	3.3 kg	3.5 kg	3.7 kg	3.9 kg	4.0 kg	4.2 kg	4.4 kg	4.5 kg	4.7 kg	3.0 kg
PUZ-A42NHA5 PUZ-A42NHA5-BS	132 oz	136 oz	142 oz	148 oz	154 oz	160 oz	166 oz	172 oz	178 oz	184 oz	190 oz	196 oz	202 oz	160 oz
	3.7 kg	3.9 kg	4.0 kg	4.2 kg	4.4 kg	4.5 kg	4.7 kg	4.9 kg	5.0 kg	5.2 kg	5.4 kg	5.6 kg	5.7 kg	4.5 kg

Longer pipe than 70 or 100 ft, additional charge is required.

(at 20°C, 68°F)

Model name	Compressor model	PUZ-A18NHA4 PUZ-A18NHA4-BS	PUZ-A24.30.36NHA4 PUZ-A24.30.36NHA4-BS	PUZ-A42NHA5 PUZ-A42NHA5-BS
Winding Registance (")	U-V	0.640	TNB220FLHM 0.880	ANV33FDPMT 0.266
	U-W	0.640	0.880	0.266
	W-V	0.640	0.880	0.266

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1. SPECIFICATIONS

EFFICIENCY RATINGS

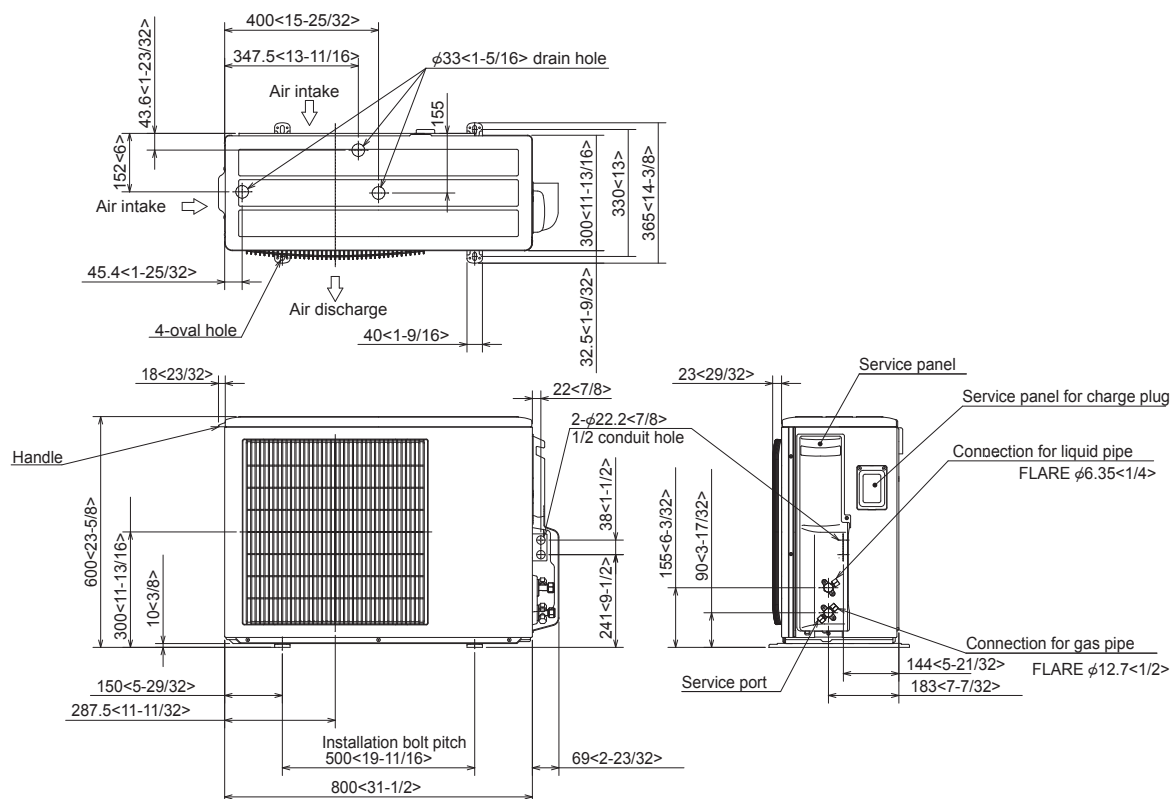
Outdoor Unit	Indoor Unit	SEER	EER	HSPF	COP @ 47° F	COP @ 17° F
PEA SERIES COOLING ONLY						
PUZ-A18NHA4	PEA-A18AA4	14.3	8.4	10	3.6	2.5
PEAD SERIES COOLING ONLY						
PUZ-A24NHA4	PEAD-A24AA4	16	10	10.2	3.38	2.46
PUZ-A30NHA4	PEAD-A30AA4	15.5	7.7	9.4	3.12	2.44
PUZ-A36NHA4	PEAD-A36AA4	15	7.2	9.8	3.2	2.6
PUZ-A42NHA5	PEAD-A42AA4	13.8	7.8	10	3.44	2.3
PCA SERIES COOLING ONLY						
PUZ-A24NHA4	PCA-A24KA4	16.8	10.3	10.9	3.3	2.38
PUZ-A30NHA4	PCA-A30KA4	14.5	8	9.2	2.9	2.2
PUZ-A36NHA4	PCA-A36KA4	14.4	7.6	10.2	3.4	2.6
PUZ-A42NHA5	PCA-A42KA4	15.8	10.2	10.2	3.44	2.3
PLA SERIES COOLING ONLY						
PUZ-A18NHA4	PLA-A18BA4	14.2	9.3	9.8	2.9	2.4
PUZ-A24NHA4	PLA-A24BA4	13.6	9.6	8.5	2.9	2.14
PUZ-A30NHA4	PLA-A30BA4	13.6	7.3	8.7	2.7	2.2
PUZ-A36NHA4	PLA-A36BA4	14.2	7.8	9.3	3.2	2.3
PUZ-A42NHA5	PLA-A42BA4	14.4	9.1	9.3	2.96	2
PKA SERIES COOLING ONLY						
PUZ-A18NHA4	PKA-A18HA4	15.3	8	9.5	2.8	2.28
PUZ-A24NHA4	PKA-A24KA4	17	10.6	10.8	3.26	2.4
PUZ-A30NHA4	PKA-A30KA4	15.5	7.3	8.9	2.9	2.2
PUZ-A36NHA4	PKA-A36KA4	14	6.8	9.3	3	2
Note:	Efficiency values based on AHRI 210/240 test method.					

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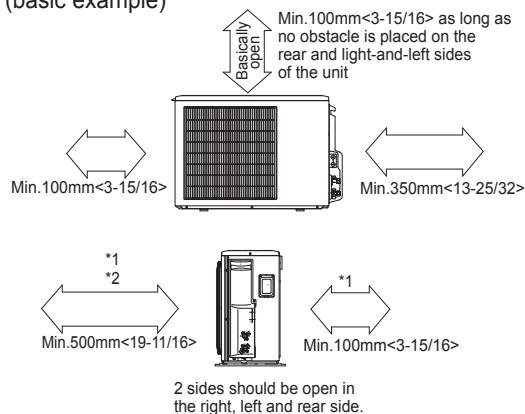
2. EXTERNAL DIMENSIONS

Unit: mm<inch>

PUZ-A18NHA4 PUZ-A18NHA4-BS

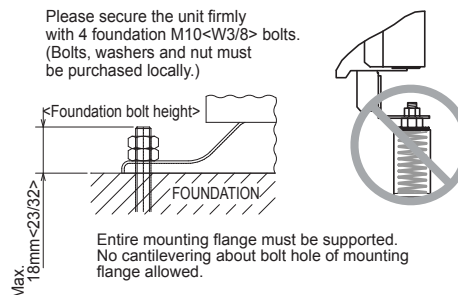


Free space around the outdoor unit
(basic example)



FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation M10<W3/8> bolts. (Bolts, washers and nut must be purchased locally.)



PIPING-WIRING DIRECTION

Piping and wiring connection can be made from the rear direction only.

Minimum installation space for outdoor unit

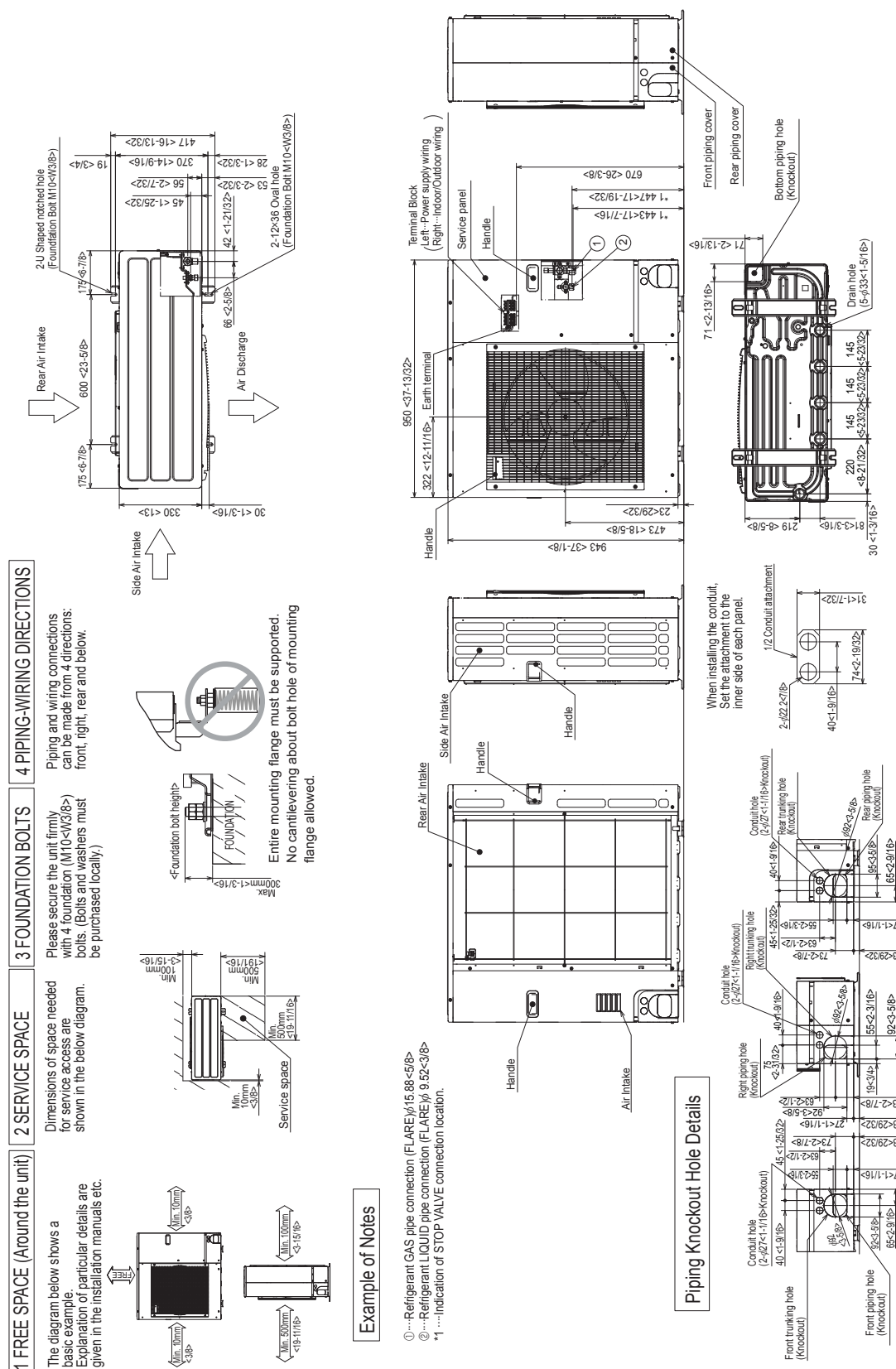
- *1 In the place where short cycle tends to occur, cooling and heating capacity and power consumption might get lowered 10%.
Air outlet guide (optional PAC-SG58SG-E) will help them improve.
- *2 If air discharges to the wall, the surface might get stained.

2. EXTERNAL DIMENSIONS

Unit: mm<inch>

PUZ-A24/30/36NHA4

PUZ-A24/30/36NHA4-BS



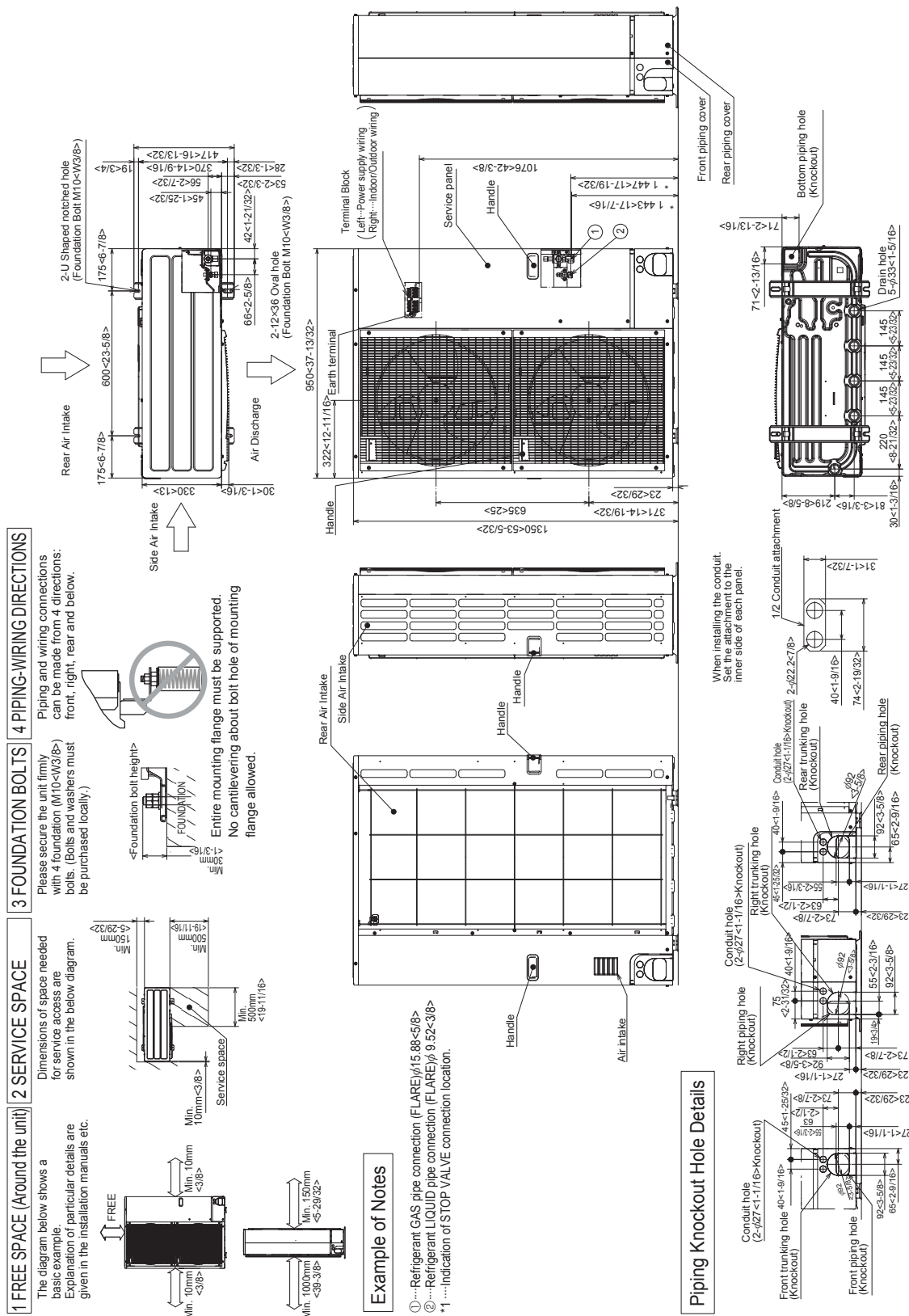
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2. EXTERNAL DIMENSIONS

PUZ-A24/30/36NHA4

PUZ-A24/30/36NHA4-BS

Unit: mm<inch>

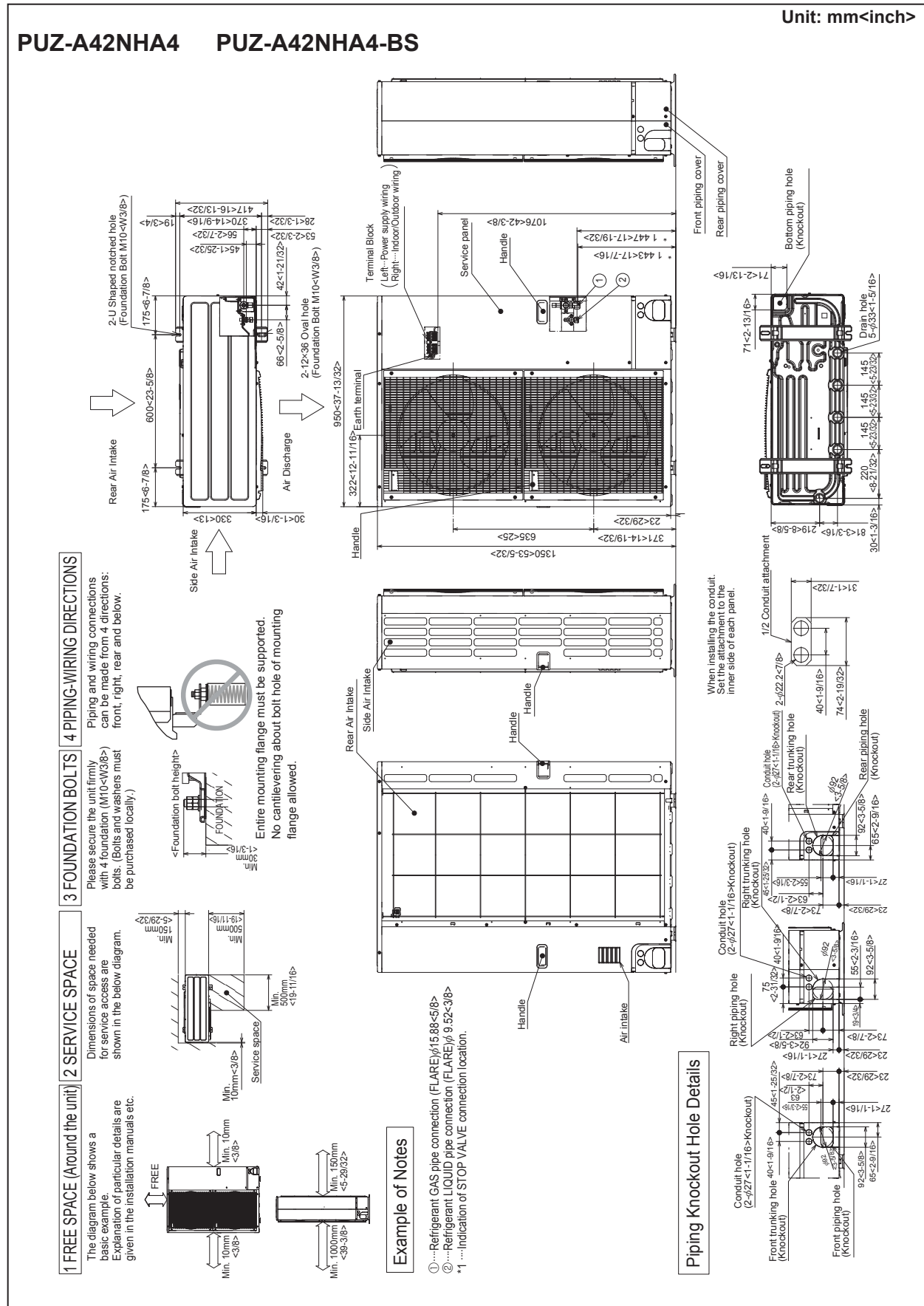


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2. EXTERNAL DIMENSIONS

PUZ-A42NHA4 PUZ-A42NHA4-BS

Unit: mm<inch>



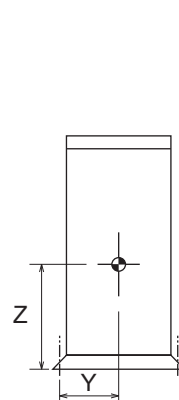
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3. CENTER OF GRAVITY

Unit: mm<inch>

PUZ-A24/30/36NHA4,A42NHA5

PUZ-A24/30/36NHA4,A42NHA5-BS



Unit: inch (mm)

Model name	X	Y	Z
PUZ-18NHA4 (-BS)	20-5/64 (510)	6-1/2 (165)	11-27/64 (290)
PUZ-A24/30/36NHA4 (-BS)	23-15/64 (590)	7-9/32 (185)	15-55/64 (403)
PUZ-A42NHA5 (-BS)	23-15/64 (590)	7-9/32 (185)	19-11/16 (500)

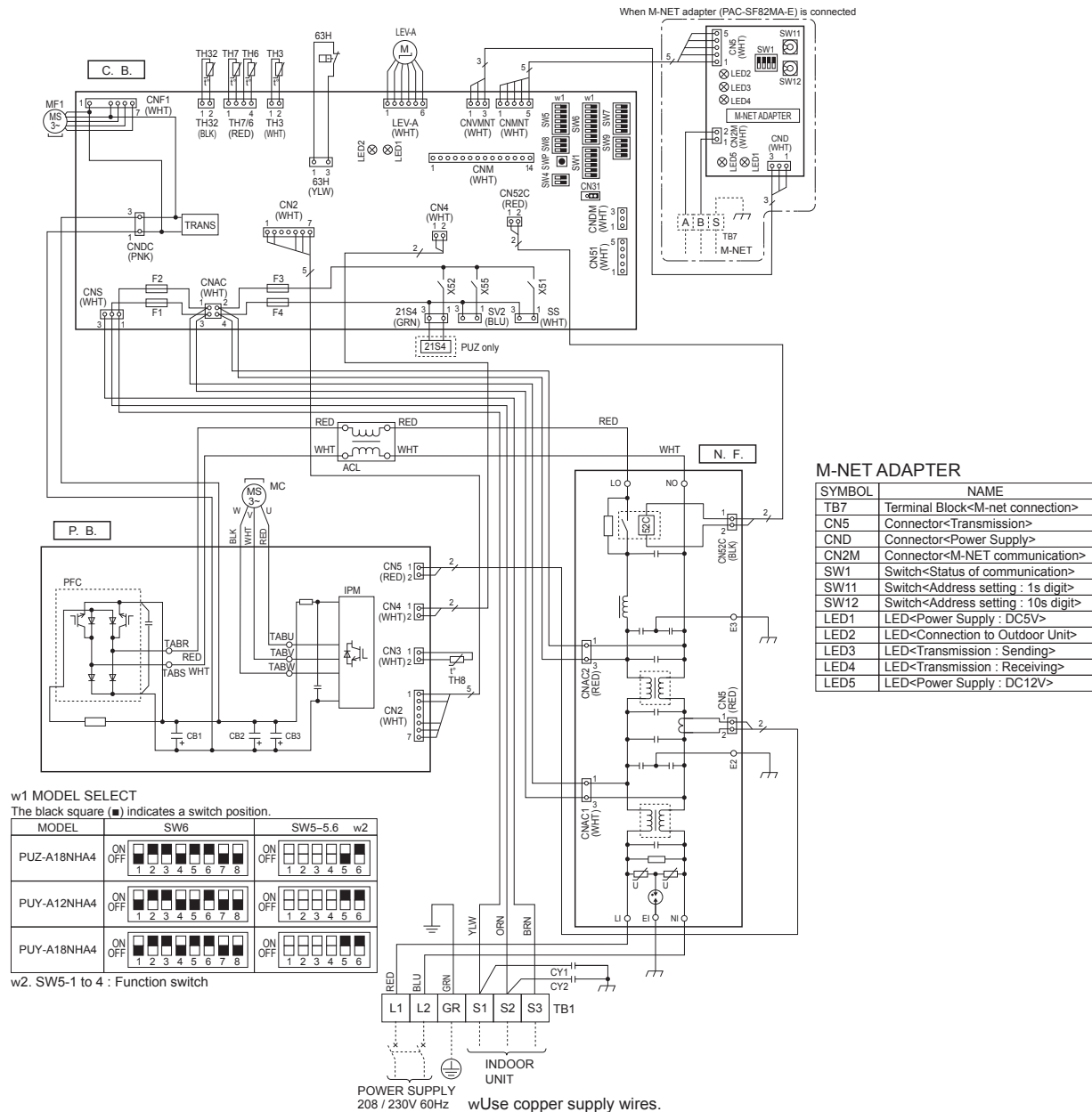
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4. ELECTRICAL WIRING DIAGRAMS

PUZ-A18NHA4 PUZ-A18NHA4-BS

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>	PFC	Converter	SW9	Switch
MC	Motor for Compressor	IPM	Power Module	LED1,LED2	LED<Operation Inspection Indicators>
MF1	Fan Motor	CB1~CB3	Main Smoothing Capacitor	F1~F4	Fuse<T6.3AL250V>
21S4	Solenoid Valve (Four-Way Valve)	N.F.	Noise Filter Circuit Board	SWP	Switch<Pump Down>
63H	High Pressure Switch	LI/LO	Connection Terminal<L1-Phase>	CN31	Connector<Emergency Operation>
TH3	Thermistor<Outdoor Pipe>	NI/NO	Connection Terminal<L2-Phase>	SS	Connector<Emergency for Option>
TH6	Thermistor<Outdoor 2-Phase Pipe>	E1,E2,E3	Connection Terminal<Ground>	CNM	Connector<A-Control Service Inspection Kit>
TH7	Thermistor<Outdoor>	52C	52C Relay	CNMNT	Connector<Connected to Optional M-NET Adapter Board>
TH8	Thermistor<Heatsink>	C.B.	Controller Circuit Board	CNVMT	Connector<Connected to Optional M-NET Adapter Board>
TH32	Thermistor<Shell>	SW1	Switch<Forced Defrost, Defect History Record Reset, Refrigerant Address>	CNDM	Connector<Connected for Option (Contact Input)>
LEV-A	Electronic Expansion Valve	SW4	Switch<Test Operation>	CN51	Connector<Connected for Option (Signal output)>
ACL	Reactor	SW5	Switch<Function Switch>	X51, X52, X55	Relay
CY1,CY2	Capacitor	SW6	Switch<Model Select>		
P.B.	Power Circuit Board	SW7	Switch<Function Setup>		
TABR/S	Connection Terminal<L1/L2-Phase>	SW8	Switch<Function Setup>		
TABU/V/W	Connection Terminal<U/V/W-Phase>				



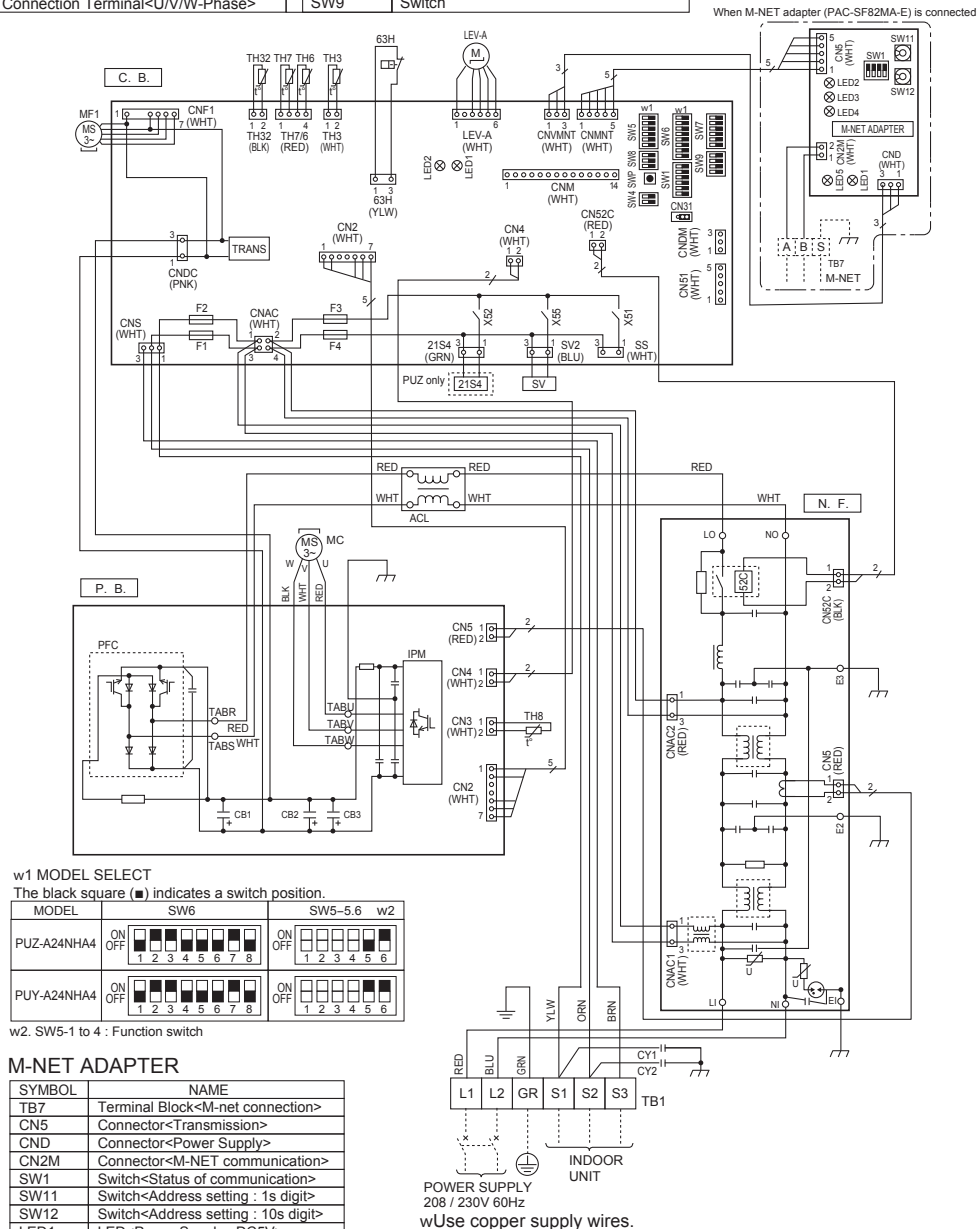
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4. ELECTRICAL WIRING DIAGRAMS

PUZ-A24NHA4 PUZ-A24NHA4-BS

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>	PFC	Converter	LED1,LED2	LED<Operation Inspection Indicators>
MC	Motor for Compressor	IPM	Power Module	F1~F4	Fuse<T6.3AL250V>
MF1	Fan Motor	CB1~CB3	Main Smoothing Capacitor	SWP	Switch<Pump Down>
21S4	Solenoid Valve (Four-Way Valve)	N.F.	Noise Filter Circuit Board	CN31	Connector<Emergency Operation>
63H	High Pressure Switch	L/L/O	Connection Terminal<L1-Phase>	SS	Connector<Connection for Option>
SV	Solenoid Valve (Bypass Valve)	NI/NO	Connection Terminal<L2-Phase>	CNM	Connector<A-Control Service Inspection Kit>
TH3	Thermistor<Outdoor Pipe>	E1,E2,E3	Connection Terminal<Ground>	CNMNT	Connector<Connected to Optional M-NET Adapter Board>
TH6	Thermistor<Outdoor 2-Phase Pipe>	52C	52C Relay	CNVMNT	Connector<Connected to Optional M-NET Adapter Board>
TH7	Thermistor<Outdoor>	C.B.	Controller Circuit Board	CNDM	Connector<Connected for Option (Contact Input)>
TH8	Thermistor<Heatsink>	SW1	Switch<Forced Defrost, Defect History Record Reset, Refrigerant Address>	CN51	Connector<Connected for Option (Signal output)>
TH32	Thermistor<Shell>	SW4	Switch<Test Operation>	X51,X52,X55	Relay
LEV-A	Electronic Expansion Valve	SW5	Switch<Function Switch>		
ACL	Reactor	SW6	Switch<Model Select>		
CY1,CY2	Capacitor	SW7	Switch<Function Setup>		
P.B.	Power Circuit Board	SW8	Switch<Function Setup>		
TABR/S	Connection Terminal<L1/L2-Phase>	SW9	Switch		
TABU/V/W	Connection Terminal<U/V/W-Phase>				



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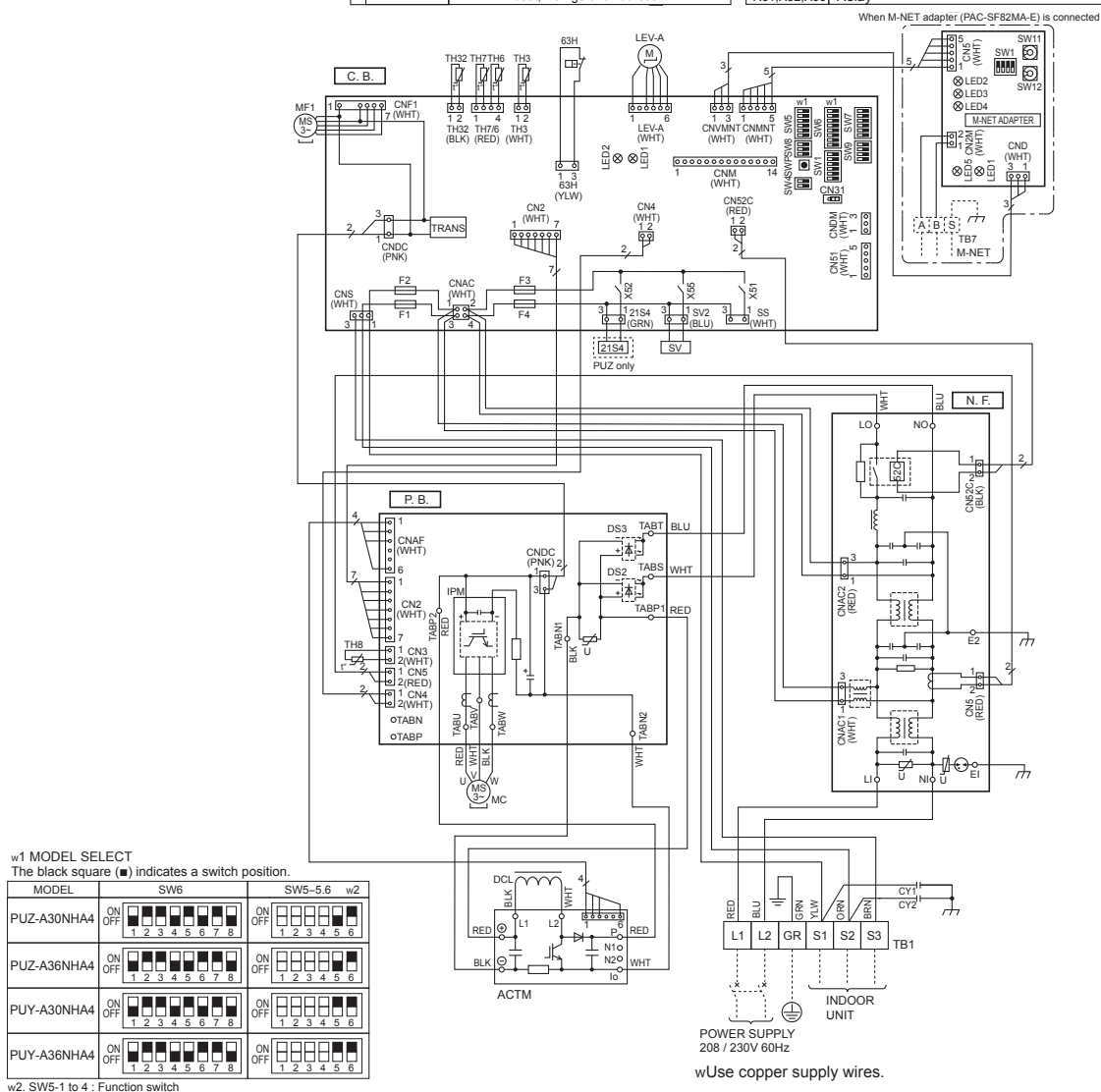
PUZ-A30/36NHA4 PUZ-A30/36NHA4-BS

[LEGEND]

SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>
MC	Motor for Compressor
MF1	Fan Motor
21S4	Solenoid Valve (Four-Way Valve)
SV	Solenoid Valve (Bypass Valve)
63H	High Pressure Switch
TH3	Thermistor<Outdoor Pipe>
TH6	Thermistor<Outdoor 2-Phase Pipe>
TH7	Thermistor<Outdoor>
TH8	Thermistor<Heatsink>
TH32	Thermistor<Shell>
LEV-A	Electronic Expansion Valve
DCL	Reactor
CY1, CY2	Capacitor
ACTM	Active Filter Module

SYMBOL	NAME
P.B.	Power Circuit Board
TABU/V/W	Connection Terminal<U/V/W-Phase>
TABS/T	Connection Terminal<L1/L2-Phase>
TABP1/P2	Connection Terminal<DC Voltage>
TABN1/N2	Connection Terminal<DC Voltage>
DS2, DS3	Diode Bridge
IPM	Power Module
N.F.	Noise Filter Circuit Board
L/L/O	Connection Lead<L1-Phase>
N1/N/O	Connection Lead<L2-Phase>
E1, E2	Connection Terminal<Ground>
52C	52C Relay
C.B.	Controller Circuit Board
F1~F4	Fuse<T.3AL250V>
SW1	Switch<Forced Defrost, Defect History Record Reset, Refrigerant Address>

SYMBOL	NAME
SW4	Switch<Test Operation>
SW5	Switch<Function Switch>
SW6	Switch<Model Select>
SW7	Switch<Function Setup>
SW8	Switch<Function Setup>
SW9	Switch
SWP	Switch<Pump Down>
CN31	Connector<Emergency Operation>
LED1,LED2	LED<Operation Inspection Indicators>
SS	Connector<Connection for Option>
CNM	Connector<A-Contract Service Inspection Kit>
CNMNT	Connector<Connected to Optional M-NET Adapter Board>
CNMVNT	Connector<Connected to Optional M-NET Adapter Board>
CNDM	Connector<Connected for Option (Contact Input)>
CN51	Connector<Connected for Option (Signal output)>
X51,X52,X55	Relay



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block<M-net connection>
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>
SW1	Switch<Status of communication>
SW11	Switch<Address setting : 1s digit>
SW12	Switch<Address setting : 10s digit>
LED1	LED<Power Supply : DCSV>
LED2	LED<Connection to Outdoor Unit>
LED3	LED<Transmission : Sending>
LED4	LED<Transmission : Receiving>
LED5	LED<Power Supply : DC12V>

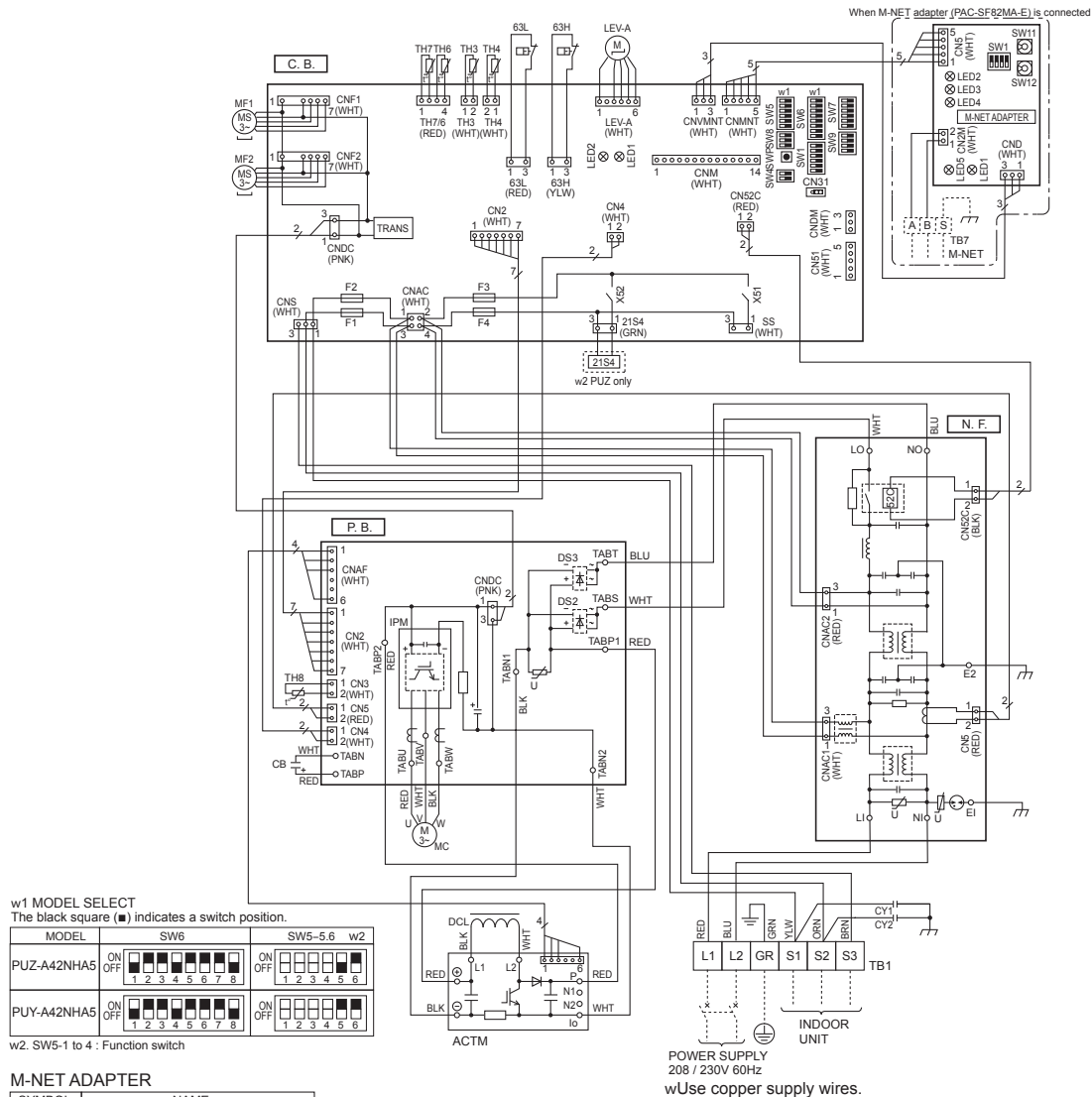
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4. ELECTRICAL WIRING DIAGRAMS

PUZ-A42NHA5 PUZ-A42NHA5-BS

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>	P.B.	Power Circuit Board	SW4	Switch<Test Operation>
MC	Motor for Compressor	TABU/V/W	Connection Terminal<U/V/W-Phase>	SW5	Switch<Function Switch>
MF1,MF2	Fan Motor	TABS/T	Connection Terminal<L1/L2-Phase>	SW6	Switch<Model Select>
21S4	Solenoid Valve (Four-Way Valve)	TABP1/P2/P	Connection Terminal<DC Voltage>	SW7	Switch<Function Setup>
63H	High Pressure Switch	TABN1/N2/N	Connection Terminal<DC Voltage>	SW8	Switch<Function Setup>
63L	Low Pressure Switch	DS2, DS3	Diode Bridge	SW9	Switch
TH3	Thermistor<Outdoor Pipe>	IPM	Power Module	SWP	Switch<Pump Down>
TH4	Thermistor<Discharge>	N.F.	Noise Filter Circuit Board	CN31	Connector<Emergency Operation>
TH6	Thermistor<Outdoor 2-Phase Pipe>	LI/LO	Connection Lead<L1-Phase>	LED1,LED2	LED<Operation Inspection Indicators>
TH7	Thermistor<Outdoor>	NI/NO	Connection Lead<L2-Phase>	SS	Connector<Connection for Option>
TH8	Thermistor<Heatsink>	EI, E2	Connection Terminal<Ground>	CNM	Connector<A-Control Service Inspection Kit>
LEV-A	Electronic Expansion Valve	52C	52C Relay	CNMNT	Connector<Connected to Optional M-NET Adapter Board>
DCL	Reactor	C.B.	Controller Circuit Board	CNVMNT	Connector<Connected to Optional M-NET Adapter Board>
CY1, CY2	Capacitor	F1~F4	Fuse<T6.3AL250V>	CNDM	Connector<Connected for Option (Contact Input)>
ACTM	Active Filter Module	SW1	Switch<Forced Defrost, Defect History Record Reset, Refrigerant Address>	CN51	Connector<Connected for Option (Signal output)>
CB	Main Smoothing Capacitor			X51,X52	Relay

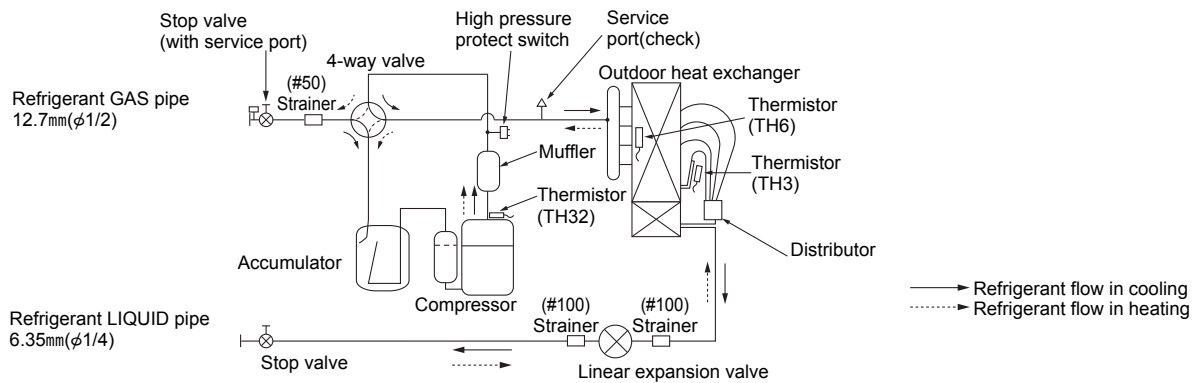


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5. REFRIGERANT SYSTEM DIAGRAMS

Unit: mm<inch>

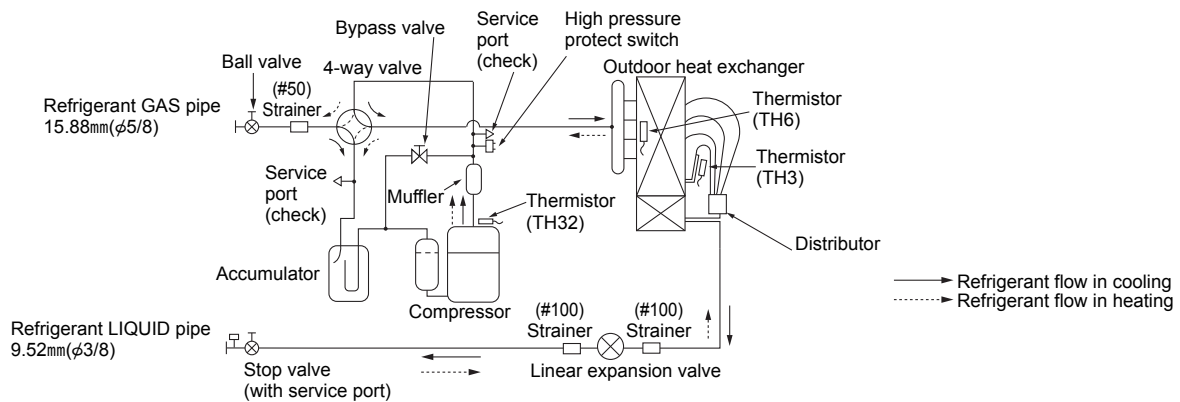
PUZ-A18NHA4(-BS)



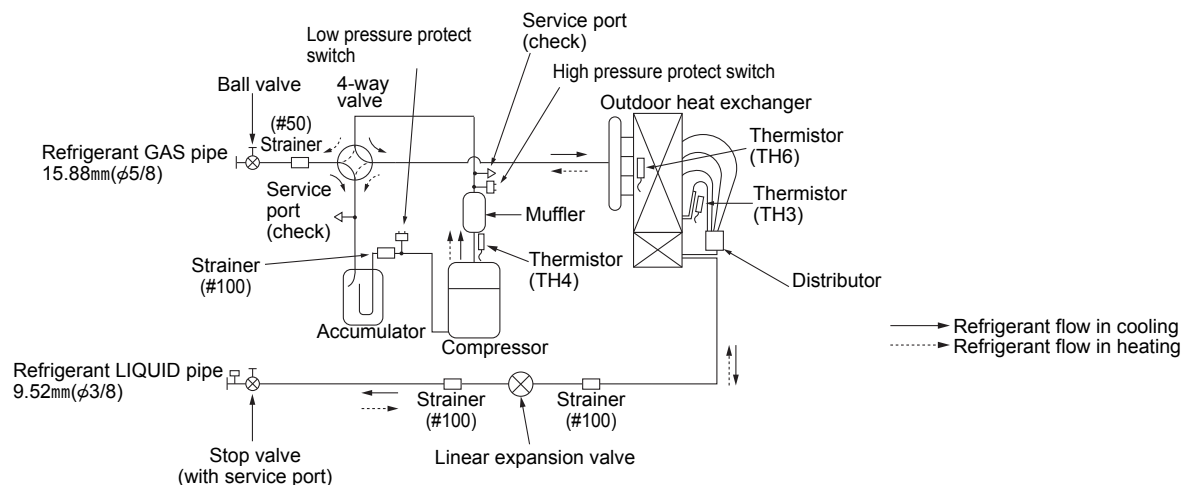
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PUZ-A30NHA4(-BS)

PUZ-A36NHA4(-BS)



PUZ-A42NHA5(-BS)

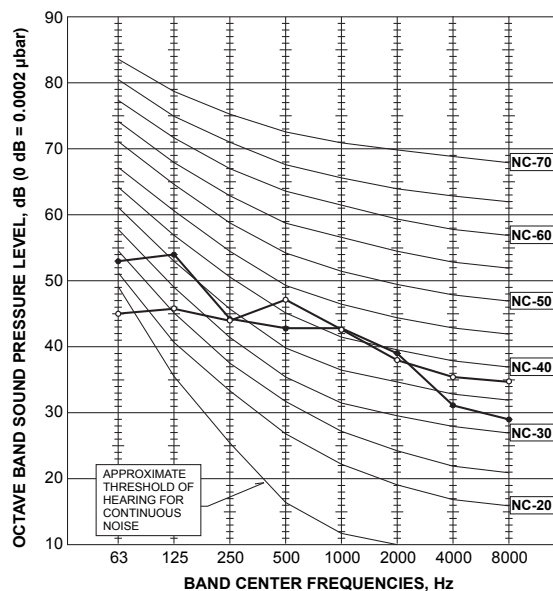


Due to continuing improvement, above specification may be subject to change without notice.

6. SOUND PRESSURE LEVELS

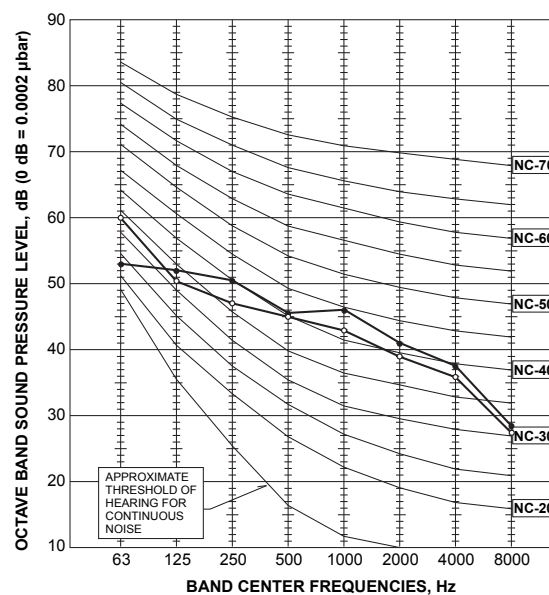
PUZ-A18NHA4
PUZ-A18NHA4-BS

MODE	SPL(dB)	LINE
COOLING	48	○—○
HEATING	47	●—●



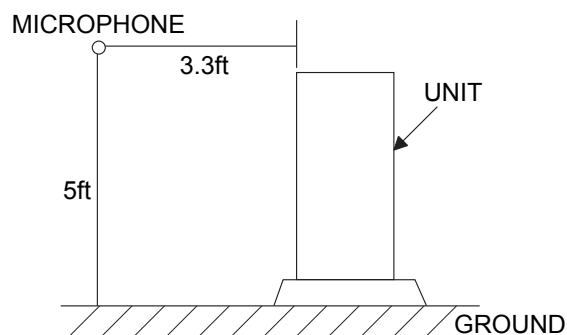
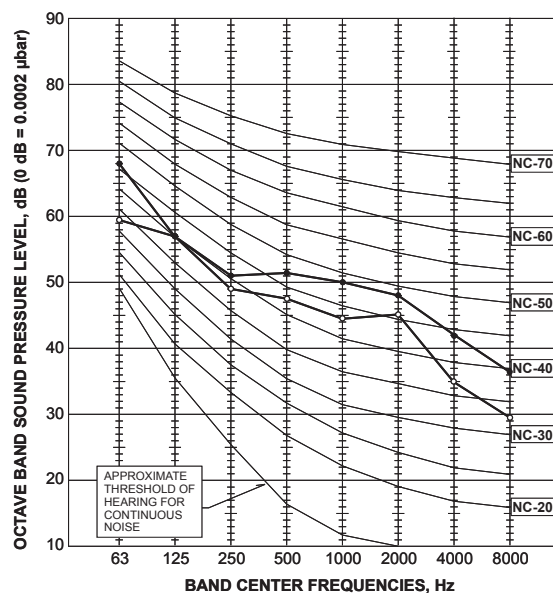
PUZ-A24/30/36NHA4
PUZ-A24/30/36NHA4-BS

MODE	SPL(dB)	LINE
COOLING	48	○—○
HEATING	50	●—●



PUZ-A42NHA5
PUZ-A42NHA5-BS

MODE	SPL(dB)	LINE
COOLING	51	○—○
HEATING	55	●—●



Due to continuing improvement, above specification may be subject to change without notice.

7. STANDARD OPERATION RANGE

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C (95°F), W.B. 21.7°C (71°F)	D.B. 46°C (115°F)
	Minimum	D.B. 19.4°C (67°F), W.B. 13.9°C (57°F)	D.B. -18°C (0°F)*
Heating	Maximum	D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)	D.B. 21.1°C (70°F), W.B. 15°C (59°F)
	Minimum	D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)	D.B. -11.1°C (12°F), W.B. -12.2°C (10°F)

* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C (23°F)DB.)

8. STANDARD AND SEACOAST (BS) PROTECTION TREATMENT

8-1. PUZ HEAT PUMP OUTDOOR UNITS

No	Base Material	Parts name	Model Type	Plating / Coating	Details
1	Outer Panel	BASE P.HA	Standard	Zn-AL-Mg plating	Thickness: 30μm
			BS	Phosphate coating + Acrylic-Enamel coating	Thickness: 30μm
2		FRONT PANEL	Standard	Zn plating + Polyester resin coating	Thickness: Plating 17μm, Coating 22μm
			BS	Phosphate coating + Acrylic-Enamel coating	Thickness: 30μm
3		TOP PANEL	Standard	Zn plating + Polyester resin coating	Thickness: Plating 17μm, Coating 22μm
			BS	Phosphate coating + Acrylic-Enamel coating	Thickness: 30μm
4		SIDE PANEL R	Standard	Zn plating + Polyester resin coating	Thickness: Plating 17μm, Coating 22μm
			BS	Phosphate coating + Acrylic-Enamel coating	Thickness: 30μm
5		COVER PANEL REAR	Standard	Zn plating + Polyester resin coating	Thickness: Plating 17μm, Coating 22μm
			BS	Phosphate coating + Acrylic-Enamel coating	Thickness: 30μm
6		COVER PANEL FRONT	Standard	Zn plating + Polyester resin coating	Thickness: Plating 17μm, Coating 22μm
			BS	Phosphate coating + Acrylic-Enamel coating	Thickness: 30μm
7		COVER PANEL FRONT	Standard	Zn plating + Polyester resin coating	Thickness: Plating 17μm, Coating 22μm
			BS	Phosphate coating + Acrylic-Enamel coating	Thickness: 30μm
8		SERVICE PANEL	Standard	Zn plating + Polyester resin coating	Thickness: Plating 17μm, Coating 22μm
			BS	Phosphate coating + Acrylic-Enamel coating	Thickness: 30μm
9	Fan	MOTOR SUPPORT	Standard	Zn plating	Thickness: Plating 26μm
			BS	Epoxy resin coating (at edge face)	-
10	HEX	FIN 7_14.6*588 FP1.7	Standard	-	-
			BS	Hydrophically-augmated Fin (Resin coating)	-
11	Others	SEPARATOR ASSY	Standard	Zn-AL-Mg plating	Thickness: 30μm
			BS	Epoxy resin coating (at edge face)	-
12		VALVE BED	Standard	Zn plating	Thickness: Plating 26μm
			BS	Epoxy resin coating (at edge face)	-
13		Screws (used outer side)	Standard	Zinc nickel coating 5μm	-
			BS	Zinc nickel coating 5μm + Polyvinylidene chloride coating	-

Seacoast Protection

- External Outer Panel: Phosphate coating + Acrylic-Enamel coating
- Fan Motor Support: Epoxy resin coating (at edge face)
- Separator Assembly ; Valve Bed: Epoxy resin coating (at edge face)
- Screws (used outer side): Zinc nickel coating 5μm + Polyvinylidene chloride coating

For optimum performance, follow the cautions listed below.

1. Avoid installing the unit in a location that is subjected to direct sea winds.
2. Do not attach a sunshade to the unit. Let the rain wash away any salt residue that may adhere to the unit.
3. Unit should be installed following instructions for proper operation and to ensure optimum water drainage.
4. Periodically wash the unit.
5. If the panels become scratched, repair as soon as possible.
6. Inspect the unit at regular intervals. Paint the unit or replace parts when necessary.

“Blue Fin” treatment is an anti-corrosion treatment that is applied to the condenser coil to protect it against airborne contaminants

9. ACCESSORIES

Part Number	Descriptions	Applicable model
PAC-SK52ST	Service Tool with display screen for operation and diagnostic data	All models
CWMB1	4 piece (1-pair) condensing unit wall mounting brackets - painted steel	
PAC-SF82MA-E	M-NET control adapter for Building Management System	
ULTRILITE1	Outdoor Unit Mounting Pad 16" x 36" x 3"	A12,18
PAC-SG59SG-E	Air Outlet Guide (Directs airflow upward from outdoor fan)	A24,30,36 (requires 1) A42 (requires 2)
PAC-SG64DP-E	Outdoor Drain Pan	A24,30,36,42
ULTRILITE2	Outdoor Unit Mounting Pad 24" x 42" x 3"	A24,30,36,42
PAC-SG61DS-E	Drain Socket	A42
PAC-SG63DP-E	Outdoor Drain Pan	A12,18
PAC-SG58SG-E	Air Outlet Guide (Directs airflow upward from outdoor fan)	A12,18
WB-PA1	Wind Baffle	A12,18
WB-PA2	Wind Baffle	A24,30,36 (requires 1) A42 (requires 2)

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