

AIR CONDITIONING SYSTEMS

CITY MULTI

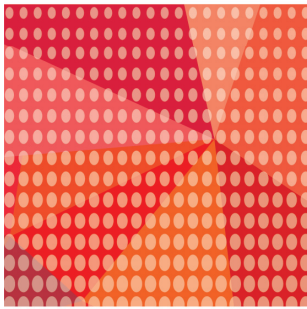


DATA BOOK

MODEL

PKFY-P-NLMU-E

PKFY-P-NKMU-E2



PKFY-P-NLMU-E, PKFY-P-NKMU-E2

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1. SPECIFICATIONS

Wall mounted

PKFY-P-NLUM-E, NKMU-E2

Model			PKFY-P04NLMU-E	PKFY-P06NLMU-E	PKFY-P08NLMU-E	PKFY-P12NLMU-E
Power source			1-phase 208/230V 60Hz	1-phase 208/230V 60Hz	1-phase 208/230V 60Hz	1-phase 208/230V 60Hz
Cooling capacity (Nominal)	*1	BTU/h	4,000	6,000	8,000	12,000
	*1	kW	1.1	1.8	2.3	3.5
	Power input		kW	0.02	0.03	0.04
	Current input		A	0.20	0.25	0.35
Heating capacity (Nominal)	*2	BTU/h	4,500	6,700	9,000	13,500
	*2	kW	1.3	2.0	2.6	4.0
	Power input		kW	0.01	0.02	0.03
	Current input		A	0.15	0.20	0.30
External finish			Plastic, MUNSELL (0.7PB 9.2/0.4)	Plastic, MUNSELL (0.7PB 9.2/0.4)	Plastic, MUNSELL (0.7PB 9.2/0.4)	Plastic, MUNSELL (0.7PB 9.2/0.4)
External dimension HxWxD		in.	11-25/32 x 30-7/16 x 9-11/32	11-25/32 x 30-7/16 x 9-11/32	11-25/32 x 30-7/16 x 9-11/32	11-25/32 x 30-7/16 x 9-11/32
		mm	299 x 773 x 237	299 x 773 x 237	299 x 773 x 237	299 x 773 x 237
Net weight		lbs (kg)	23.6(10.7)	24.5(11.1)	24.5(11.1)	24.5(11.1)
Heat exchanger			Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)
FAN	Type x Quantity		Line flow fan x 1	Line flow fan x 1	Line flow fan x 1	Line flow fan x 1
	External static press.	in.WG	0	0	0	0
		Pa	0	0	0	0
	Motor Type		DC motor	DC motor	DC motor	DC motor
	Motor output	kW	0.030	0.030	0.030	0.030
	Driving mechanism		Direct-driven	Direct-driven	Direct-drive	Direct-drive
	Air flow rate (Low-Mid2-Mid1-High)	cfm	117-124-134-148	141-155-173-191	141-162-191-237	152-191-244-297
		m ³ /min	3.3-3.5-3.8-4.2	4.0-4.4-4.9-5.4	4.0-4.6-5.4-6.7	4.3-5.4-6.9-8.4
		L/s	55-58-63-70	67-73-82-90	67-77-90-112	72-90-115-140
Sound pressure level (measured in anechoic room)			dB <A>	22-26-29-31	22-27-31-35	24-31-37-41
Insulation material			Polyethylene sheet	Polyethylene sheet	Polyethylene sheet	Polyethylene sheet
Air filter			PP honeycomb	PP honeycomb	PP honeycomb	PP honeycomb
Protection device			Fuse	Fuse	Fuse	Fuse
Refrigerant control device			LEV	LEV	LEV	LEV
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe	Liquid (R410A)	in.(mm)	1/4(6.35) Flare	1/4(6.35) Flare	1/4(6.35) Flare	1/4(6.35) Flare
	Gas (R410A)	in.(mm)	1/2(12.70) Flare	1/2(12.7) Flare	1/2(12.7) Flare	1/2(12.7) Flare
Field drain pipe size		in.(mm)	I.D. 5/8(16)	I.D. 5/8(16)	I.D. 5/8(16)	I.D. 5/8(16)
Drawing	External		-	-	-	-
	Wiring		-	-	-	-
	Refrigerant cycle		-	-	-	-
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory		-	-	-	-
Optional parts	Drain pump		PAC-SK01DM-E	PAC-SK01DM-E	PAC-SK01DM-E	PAC-SK01DM-E
	External heater adapter		PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	PAC-YU25HT
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specification may be subject to change without notice.			

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
	Indoor : 80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.) Outdoor : 95degF D.B. (35degC D.B.) Pipe length : 25 ft. (7.6 m) Level difference : 0 ft. (0 m)	70degF D.B. (21.0degC D.B.) 47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.) 25 ft. (7.6 m) 0 ft. (0 m)	kcal/h = kW x 860 BTU/h = kW x 3,412 cfm = m ³ /min x 35.31 lbs = kg / 0.4536 *The specification data is subject to rounding variation.

1. SPECIFICATIONS

Wall mounted

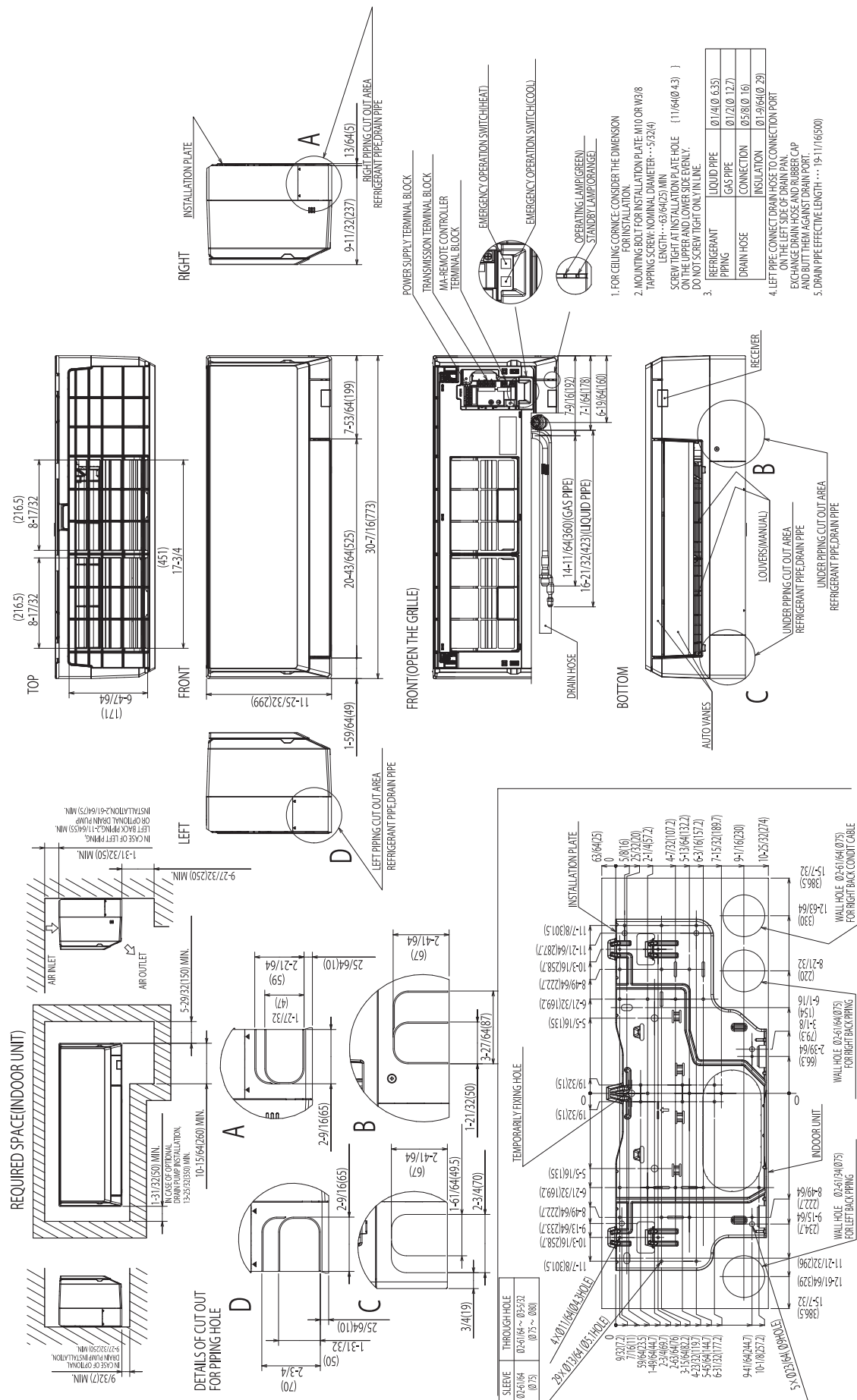
PKFY-P-NLMU-E, NKMU-E2

Model			PKFY-P15NLMU-E	PKFY-P18NLMU-E	PKFY-P24NKMU-E2	PKFY-P30NKMU-E2
Power source			1-phase 208/230V 60Hz	1-phase 208/230V 60Hz	1-phase 208/230V 60Hz	1-phase 208/230V 60Hz
Cooling capacity (Nominal)	*1	BTU/h	15,000	18,000	24,000	30,000
	*1	kW	4.4	5.3	7.0	8.8
	Power input	kW	0.04	0.05	0.07	0.07
	Current input	A	0.35	0.45	0.50	0.50
Heating capacity (Nominal)	*2	BTU/h	17,000	20,000	27,000	34,000
	*2	kW	5.0	5.9	7.9	10.0
	Power input	kW	0.03	0.04	0.07	0.07
	Current input	A	0.30	0.40	0.50	0.50
External finish			Plastic, MUNSELL (0.7PB 9.2/0.4)	Plastic, MUNSELL (0.7PB 9.2/0.4)	Plastic, MUNSELL (1.0Y 9.2/0.2)	Plastic, MUNSELL (1.0Y 9.2/0.2)
External dimension HxWxD		in.	11-25/32 x 35-3/8 x 9-11/32	11-25/32 x 35-3/8 x 9-11/32	14-3/8 x 46-1/16 x 11-5/8	14-3/8 x 46-1/16 x 11-5/8
		mm	299 x 898 x 237	299 x 898 x 237	365x1170x295	365x1170x295
Net weight		lbs (kg)	28.4(12.9)	28.4(12.9)	46(21)	46(21)
Heat exchanger			Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)
FAN	Type x Quantity		Line flow fan x 1	Line flow fan x 1	Line flow fan x 1	Line flow fan x 1
	External static press.	in.WG	0	0	0	0
		Pa	0	0	0	0
	Motor Type		DC motor	DC motor	DC motor	DC motor
	Motor output	kW	0.030	0.030	0.056	0.056
	Driving mechanism		Direct-drive	Direct-drive	Direct-drive	Direct-drive
	Air flow rate (Low-Mid2-Mid1-High) (Low-High)	cfm	222-261-304-353	240-293-360-438	570-920	710-920
		m ³ /min	6.3-7.4-8.6-10.0	6.8-8.3-10.2-12.4	16-26	20-26
L/s		105-123-143-167	113-138-170-207	267-433	333-433	
Sound pressure level (measured in anechoic room)		dB <A>	29-34-37-40	31-36-41-46	39-49	43-49
Insulation material			Polyethylene sheet	Polyethylene sheet	Polyethylene sheet	Polyethylene sheet
Air filter			PP honeycomb	PP honeycomb	PP honeycomb	PP honeycomb
Protection device			Fuse	Fuse	Fuse	Fuse
Refrigerant control device			LEV	LEV	LEV	LEV
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI
Diameter of refrigerant pipe	Liquid (R410A)	in.(mm)	1/4(6.35) Flare	1/4(6.35) Flare	3/8(9.52) Flare	3/8(9.52) Flare
	Gas (R410A)	in.(mm)	1/2(12.7) Flare	1/2(12.7) Flare	5/8(15.88) Flare	5/8(15.88) Flare
Field drain pipe size		in.(mm)	I.D. 5/8(16)	I.D. 5/8(16)	I.D. 5/8(16)	I.D. 5/8(16)
Drawing	External		-	-	-	-
	Wiring		-	-	-	-
	Refrigerant cycle		-	-	-	-
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book
	Accessory		-	-	L-shaped connection pipe	L-shaped connection pipe
Optional parts	Drain pump		PAC-SK01DM-E	PAC-SK01DM-E	-	-
	External heater adapter		PAC-YU25HT	PAC-YU25HT	PAC-YU25HT	PAC-YU25HT
Remarks			* Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specification may be subject to change without notice.			

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
	Indoor : 80degF D.B. / 67degF W.B. (26.7degC D.B. / 19.4degC W.B.) Outdoor : 95degF D.B. (35degC D.B.) Pipe length : 25 ft. (7.6 m) Level difference : 0 ft. (0 m)	70degF D.B. (21.0degC D.B.) 47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.) 25 ft. (7.6 m) 0 ft. (0 m)	kcal/h = kW x 860 BTU/h = kW x 3,412 cfm = m ³ /min x 35.31 lbs = kg / 0.4536 *The specification data is subject to rounding variation.

Unit: in(mm)

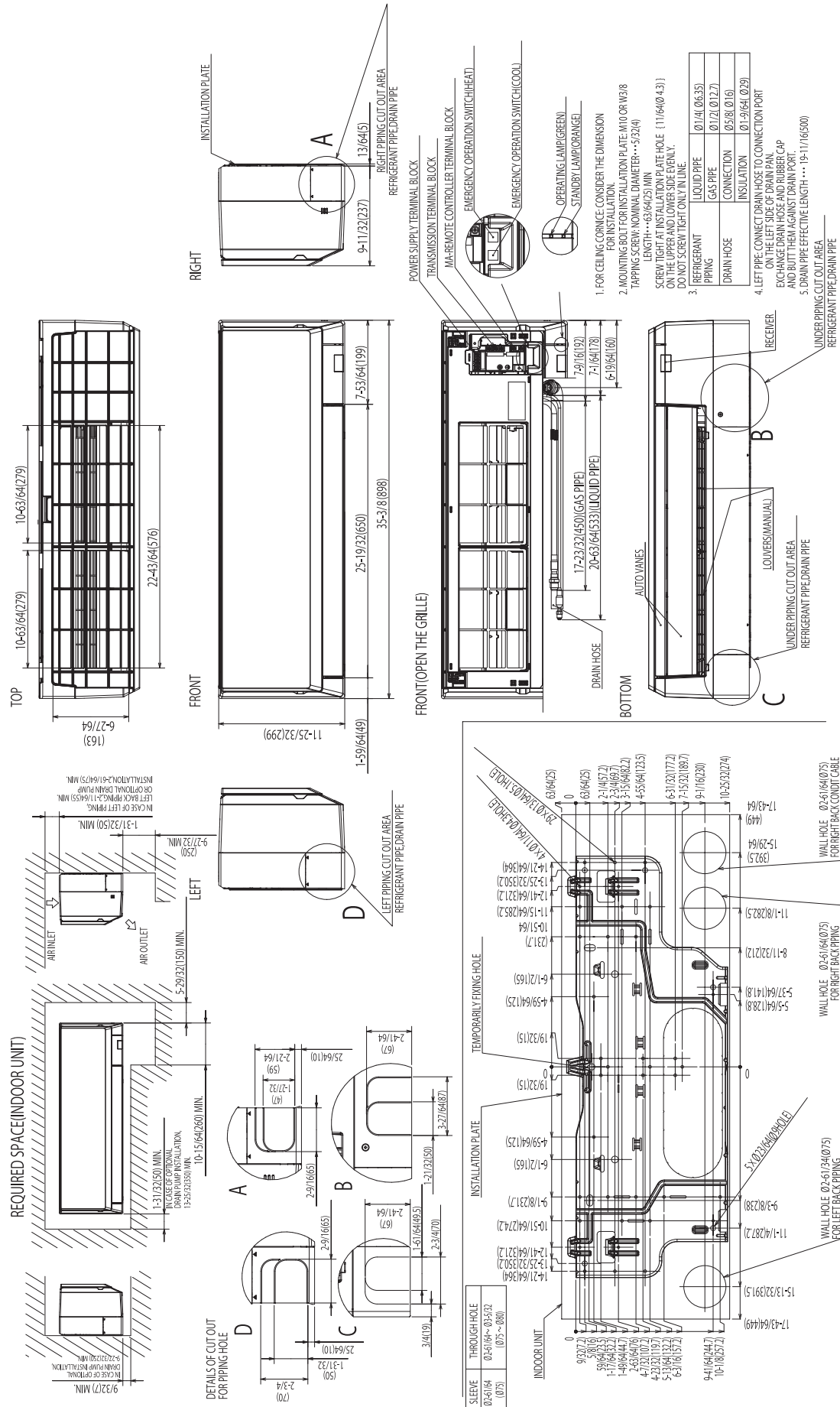
PKFY-P-NLMU-E, NKMU-E2



PKFY-P15, 18NLMU-E

Unit: in(mm)

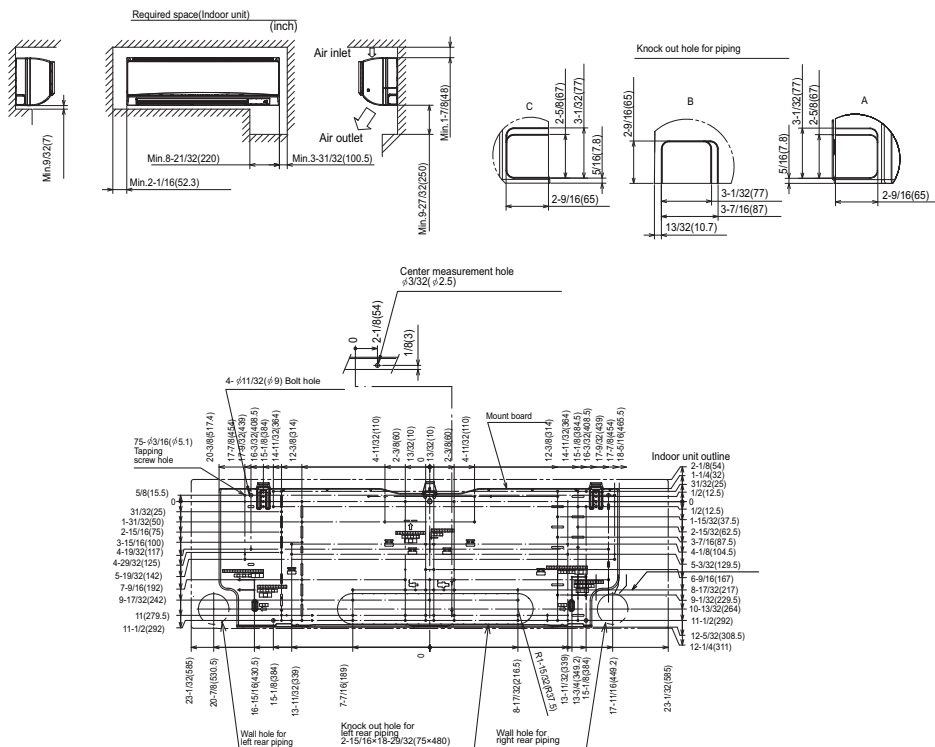
PKFY-P-NLMU-E, NKMU-E2



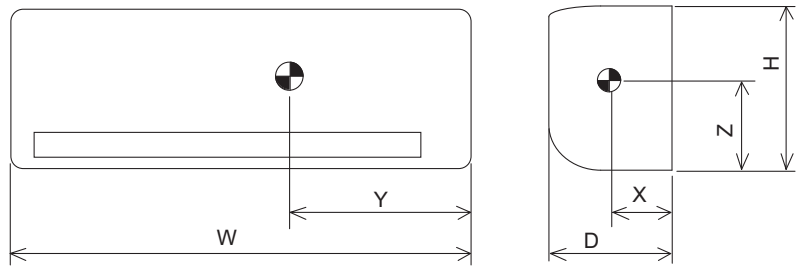
PKFY-P-NLMU-E, NKMU-E2

PKFY-P24, 30NKMU-E2

Unit : in(mm)

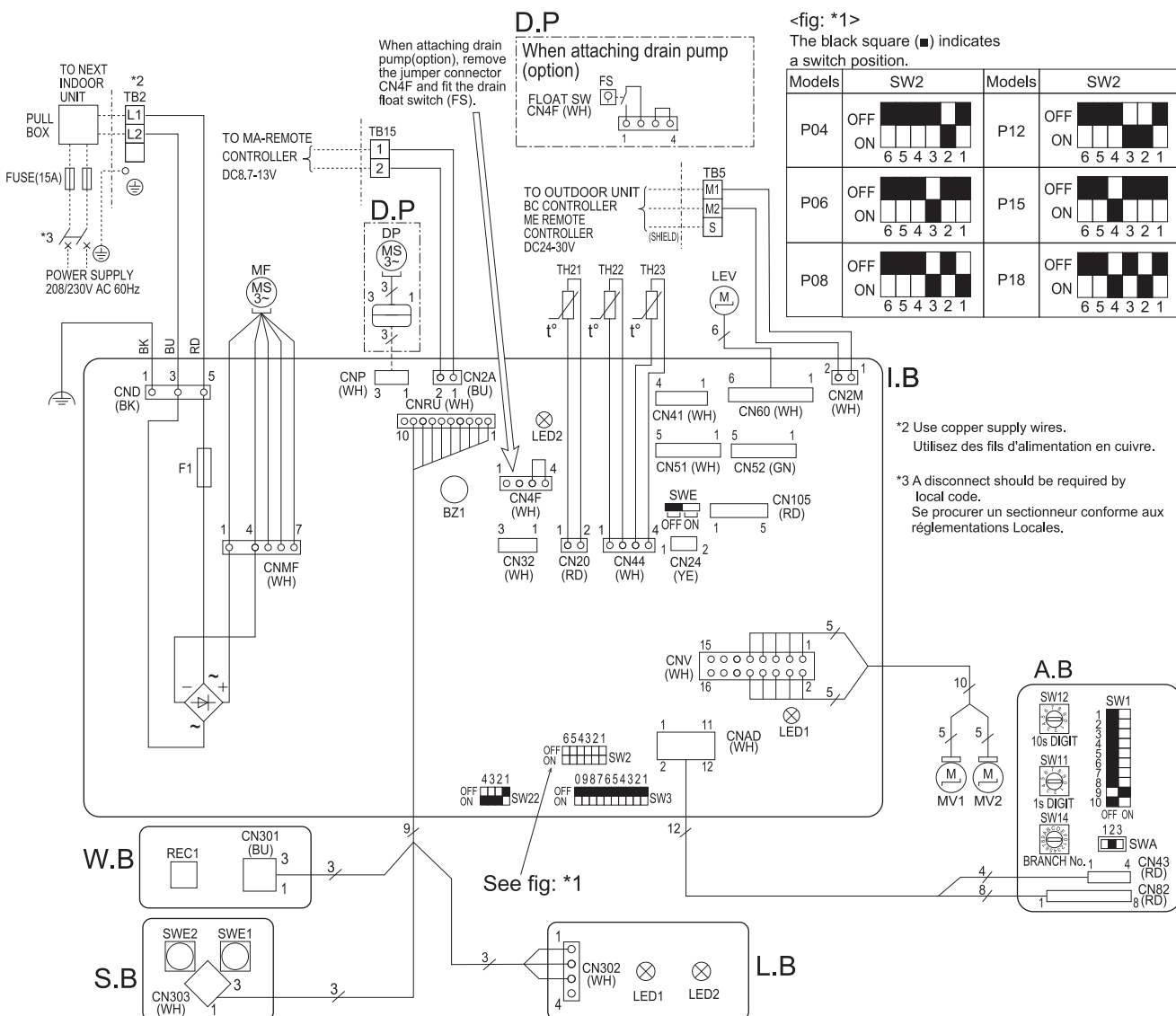


PKFY-P-NLMU-E, NKMU-E2



Model	in(mm)					
	W	D	H	X	Y	Z
PKFY-P04NLMU-E	30-7/16 (773)	9-11/32 (237)	11-25/32 (299)	5-1/8 (130)	13-7/16 (340)	5-15/16 (150)
PKFY-P06NLMU-E	30-7/16 (773)	9-11/32 (237)	11-25/32 (299)	5-1/8 (130)	13-7/16 (340)	5-15/16 (150)
PKFY-P08NLMU-E	30-7/16 (773)	9-11/32 (237)	11-25/32 (299)	5-1/8 (130)	13-7/16 (340)	5-15/16 (150)
PKFY-P12NLMU-E	30-7/16 (773)	9-11/32 (237)	11-25/32 (299)	5-1/8 (130)	13-7/16 (340)	5-15/16 (150)
PKFY-P15NLMU-E	35-3/8 (898)	9-11/32 (237)	11-25/32 (299)	4-3/4 (120)	15-3/8 (390)	5-15/16 (150)
PKFY-P18NLMU-E	35-3/8 (898)	9-11/32 (237)	11-25/32 (299)	4-3/4 (120)	15-3/8 (390)	5-15/16 (150)
PKFY-P24NKMU-E2	46-1/8 (1170)	11-5/8 (295)	14-3/8 (365)	7-1/2 (190)	18-1/8 (460)	7-1/2 (190)
PKFY-P30NKMU-E2	46-1/8 (1170)	11-5/8 (295)	14-3/8 (365)	7-1/2 (190)	18-1/8 (460)	7-1/2 (190)

PKFY-P04, 06, 08, 12, 15, 18NLMU-E



SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TH21	THERMISTOR ROOM TEMP. DETECTION (0°C/15kΩ, 25°C/5.4kΩ) (32°F/15kΩ, 77°F/5.4kΩ)
CN24	CONNECTOR EXTERNAL HEATER	TH22	PIPE TEMP. DETECTION / LIQUID (0°C/15kΩ, 25°C/5.4kΩ) (32°F/15kΩ, 77°F/5.4kΩ)
CN32	REMOTE SWITCH	TH23	PIPE TEMP. DETECTION / GAS (0°C/15kΩ, 25°C/5.4kΩ) (32°F/15kΩ, 77°F/5.4kΩ)
CN51	CENTRALLY CONTROL	A.B	ADDRESS BOARD
CN52	REMOTE INDICATION	SW1	SWITCH MODE SELECTION
CN105	IT TERMINAL	SW11	ADDRESS SETTING 1s DIGIT
BZ1	BUZZER	SW12	ADDRESS SETTING 10s DIGIT
F1	FUSE (T3.15A/250V)	SW14	BRANCH No.
LED1	POWER SUPPLY (I.B)	S.B	SWITCH BOARD
LED2	POWER SUPPLY (MA-REMOTE CONTROLLER)	SWE1	EMERGENCY OPERATION(HEAT)
SW2	SWITCH CAPACITY CODE	SWE2	EMERGENCY OPERATION(COOL)
SW3	MODE SELECTION	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
SW22	PAIR NO. SETTING	REC1	RECEIVING UNIT
SWE	FAN-DRAIN PUMP (TEST MODE)	L.B	LED BOARD
LEV	LINEAR EXPANSION VALVE	LED1	LED(OPERATING INDICATOR:GREEN)
MF	FAN MOTOR	LED2	LED(STANDBY FOR HEATING : ORANGE)
MV1	VANE MOTOR (UPPER)	D.P	DRAIN PUMP KIT (OPTION)
MV2	VANE MOTOR (LOWER)	FS	DRAIN FLOAT SWITCH
TB2	TERMINAL POWER SUPPLY	DP	DRAIN PUMP
TB5	BLOCK TRANSMISSION		
TB15	MA-REMOTE CONTROLLER		

LED on indoor controller board for service

Symbol	Meaning	Function
LED1	Main power supply	Main power supply (Indoor unit:208/230V) Power on → lamp is lit
LED2	Power supply for MA-Remote controller	Power supply for MA-Remote controller on → lamp is lit

NOTES:

- At servicing for outdoor unit, always follow the wiring diagram of outdoor unit.
- In case of using MA-Remote controller, please connect to TB15. (Remote controller wire is non-polar.)
- In case of using M-NET, please connect to TB5. (Transmission line is non-polar.)
- Symbol [S] of TB5 is the shield wire connection.
- Symbols used in wiring diagram above are, : terminal block, : connector.
- The setting of the SW2 dip switches differs in the capacity.
For the detail, refer to the fig: *1.

PKFY-P24,30NKMU-E2

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TH21	THERMISTOR ROOM TEMP. DETECTION (32°F/15kΩ, 77°F/5.4kΩ)
CN24	CONNECTOR EXTERNAL HEATER	TH22	PIPE TEMP. DETECTION / LIQUID (32°F/15kΩ, 77°F/5.4kΩ)
CN32	REMOTE SWITCH	TH23	PIPE TEMP. DETECTION / GAS1 (32°F/15kΩ, 77°F/5.4kΩ)
CN51	CENTRALLY CONTROL	TH24	PIPE TEMP. DETECTION / GAS2 (32°F/15kΩ, 77°F/5.4kΩ)
CN52	REMOTE INDICATION		
BZ	BUZZER	A.B	ADDRESS BOARD
DSA	SURGE ABSORBER	SWA	SWITCH FAN SPEED SELECTOR
FUSE	FUSE (T3.15A/250V)	SW1	MODE SELECTION
LED1	POWER SUPPLY (I.B)	SW11	ADDRESS SETTING 1s DIGIT
LED2	POWER SUPPLY (I.B)	SW12	ADDRESS SETTING 10ths DIGIT
SW2	SWITCH CAPACITY CODE	SW14	BRANCH No.
SW3	MODE SELECTION		
SW4	MODEL SELECTOR	S.B	SWITCH BOARD
SWE	DRAIN PUMP (TEST MODE)	SWE1	EMERGENCY OPERATION(HEAT)
X1	AUX.RELAY DRAIN PUMP	SWE2	EMERGENCY OPERATION(COOL)
MOV1,02	VARIATOR	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
LEV	LINEAR EXPANSION VALVE	LED1	LED(OPERATION INDICATOR:GREEN)
MF	FAN MOTOR	LED2	LED(OPERATION FOR HEATING :ORANGE)
MV	VANE MOTOR	RU	RECEIVING UNIT
TB2	TERMINAL POWER SUPPLY		
TB5	BLOCK TRANSMISSION		
TB15	MA-REMOTE CONTROLLER		

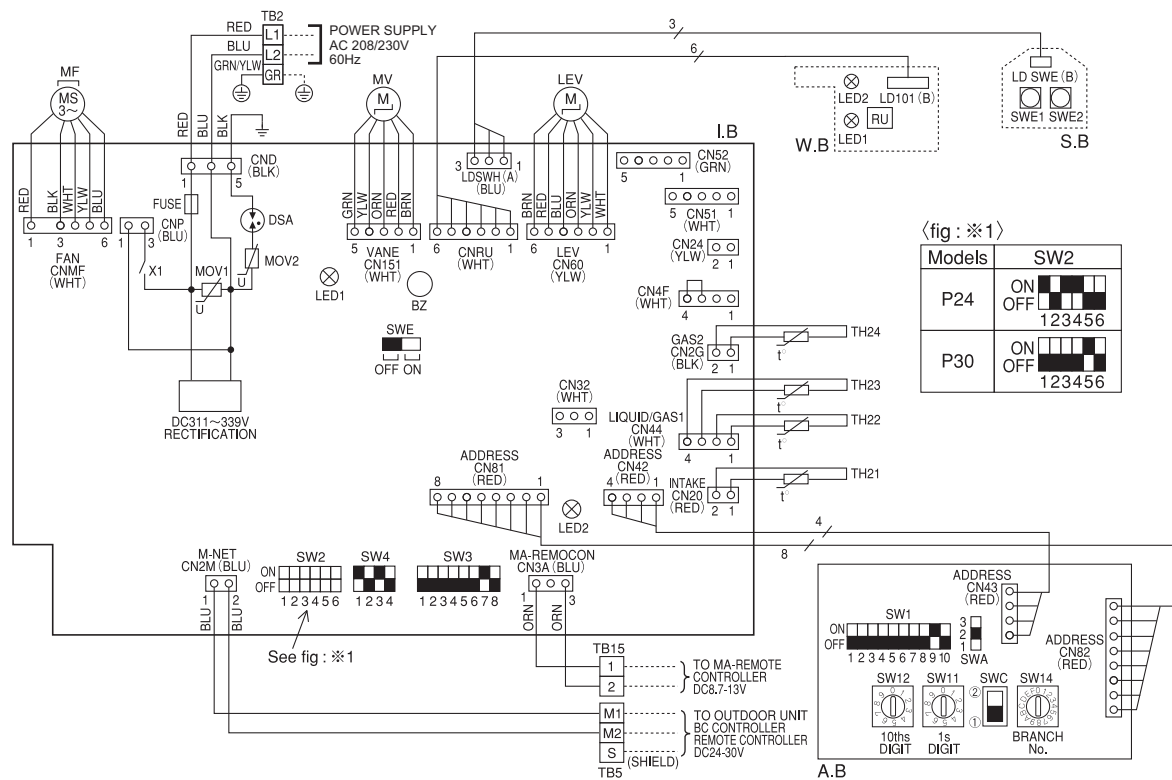
NOTES:

1. At servicing for outdoor unit, always follow the wiring diagram of outdoor unit.
2. In case of using MA-Remote controller, please connect to TB15. (Remote controller wire is non-polar.)
3. In case of using M-NET, please connect to TB5. (Transmission line is non-polar.)
4. Symbol [S] of TB5 is the shield wire connection.
5. Symbols used in wiring diagram above are, : terminal block, : connector.
6. The setting of the SW2 dip switches differs in the capacity. for the detail, refer to the fig : ※1.

※Use copper supply wires.

LED on indoor board for service

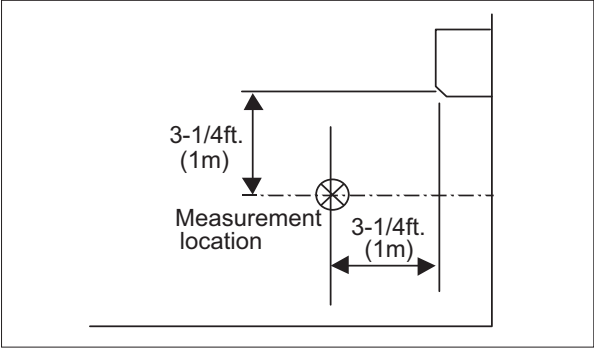
Mark	Meaning	Function
LED1	Main power supply	Main power supply (Indoor unit:208-230V) Power on → lamp is lit
LED2	Power supply for MA-Remote controller	Power supply for MA-Remote controller on → lamp is lit



PKFY-P-NLMU-E, NKMU-E2

5-1. Sound levels

Wall mounted



* Measured in anechoic room.

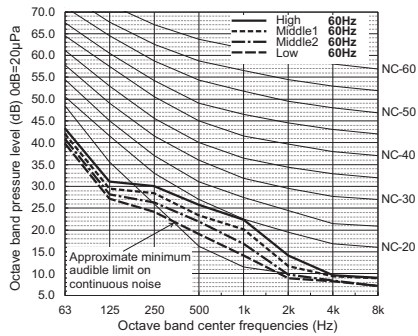
Sound level at anechoic room: Low-(Middle2-Middle1)-High

Model	Sound level dB (A)
PKFY-P04NLMU-E	22-24-26-28
PKFY-P06NLMU-E	22-26-29-31
PKFY-P08NLMU-E	22-27-31-35
PKFY-P12NLMU-E	24-31-37-41
PKFY-P15NLMU-E	29-34-37-40
PKFY-P18NLMU-E	31-36-41-46
PKFY-P24NKMU-E2	39-49
PKFY-P30NKMU-E2	43-49

5-2. NC curves

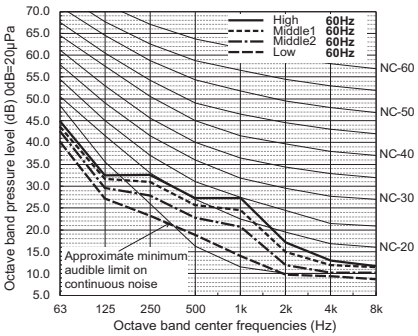
PKFY-P04NLMU-E

External Static Pressure: 0Pa [0.00in.WG]
Power Source: 208-230V, 60Hz



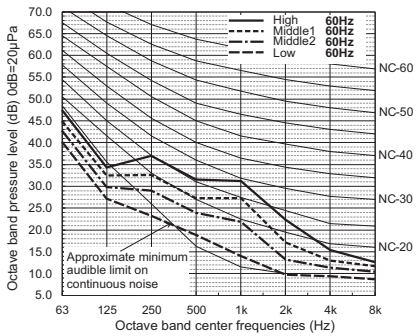
PKFY-P06NLMU-E

External Static Pressure: 0Pa [0.00in.WG]
Power Source: 208-230V, 60Hz



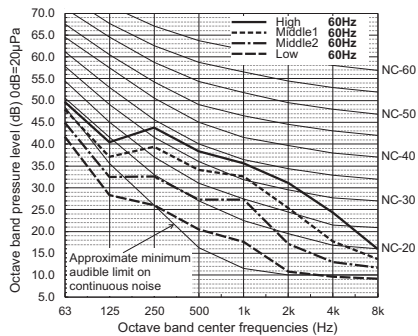
PKFY-P08NLMU-E

External Static Pressure: 0Pa [0.00in.WG]
Power Source: 208-230V, 60Hz



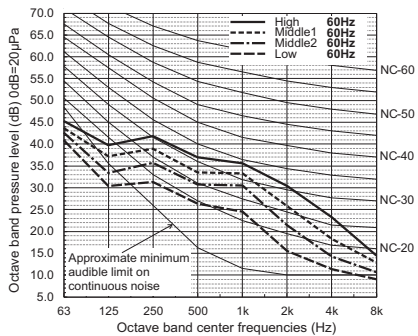
PKFY-P12NLMU-E

External Static Pressure: 0Pa [0.00in.WG]
Power Source: 208-230V, 60Hz



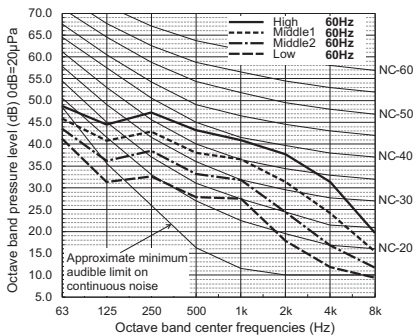
PKFY-P15NLMU-E

External Static Pressure: 0Pa [0.00in.WG]
Power Source: 208-230V, 60Hz



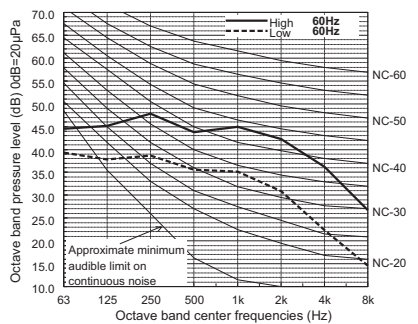
PKFY-P18NLMU-E

External Static Pressure: 0Pa [0.00in.WG]
Power Source: 208-230V, 60Hz



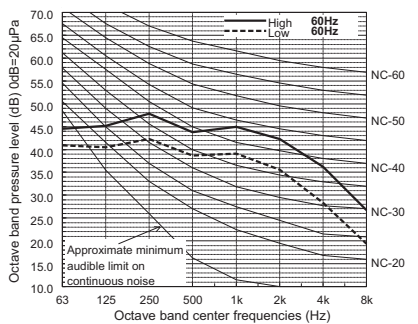
PKFY-P24NKMU-E2

External Static Pressure: 0Pa [0.00 in.WG]
Power Source: 208-230V, 60Hz



PKFY-P30NKMU-E2

External Static Pressure: 0Pa [0.00 in.WG]
Power Source: 208-230V, 60Hz

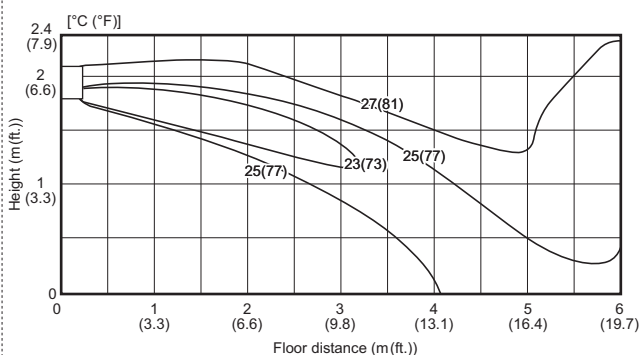


6-1. Temperature distributions

PKFY-P12NLMU-E

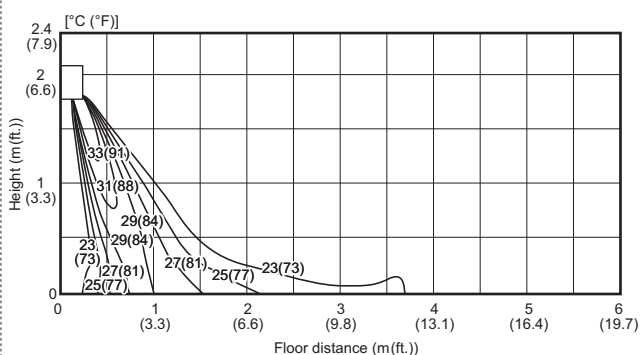
<Cooling mode>

Horizontal air flow



<Heating mode>

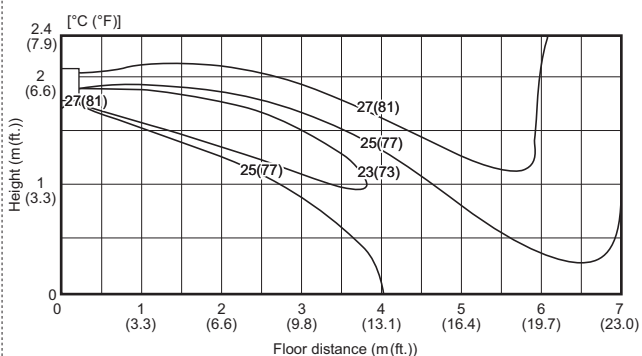
Downward air flow



PKFY-P18NLMU-E

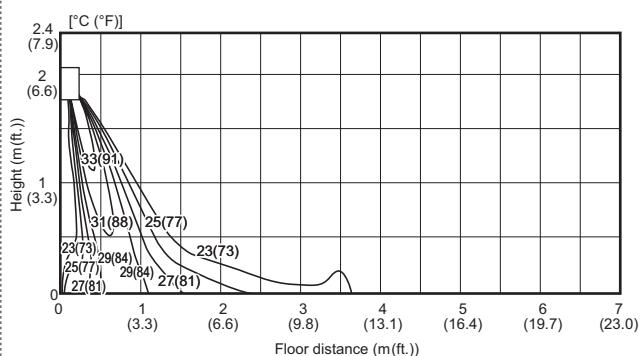
<Cooling mode>

Horizontal air flow



<Heating mode>

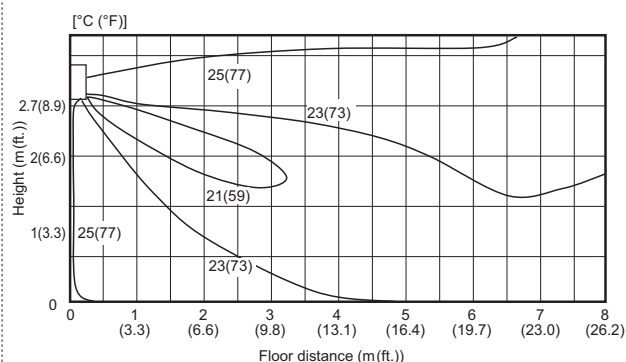
Downward air flow



PKFY-P24, 30NKMU-E2

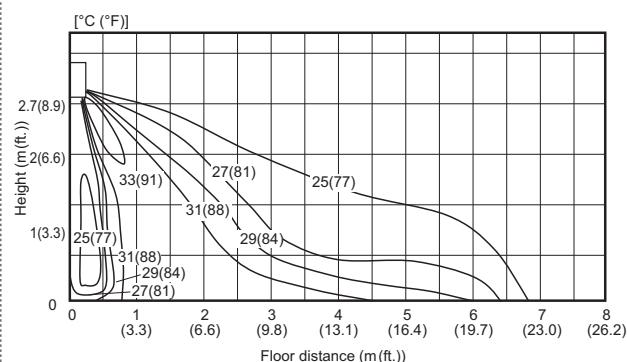
<Cooling mode>

Horizontal air flow



<Heating mode>

Downward air flow



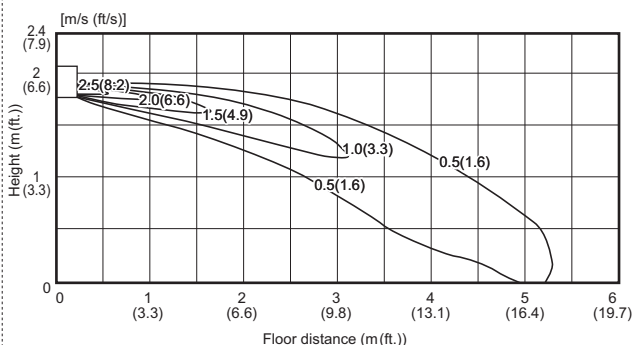
Note: These figures show typical temperature distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

6-2. Airflow distributions

PKFY-P12NLMU-E

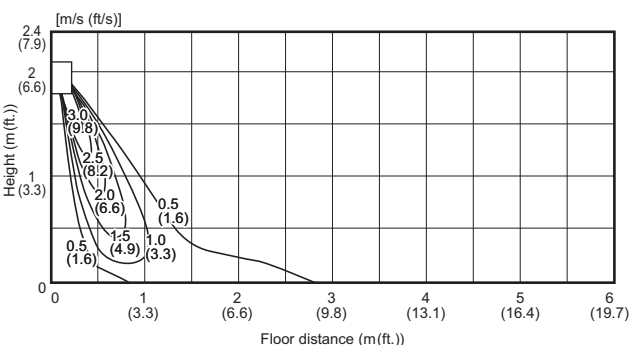
<Cooling mode>

Horizontal air flow



<Heating mode>

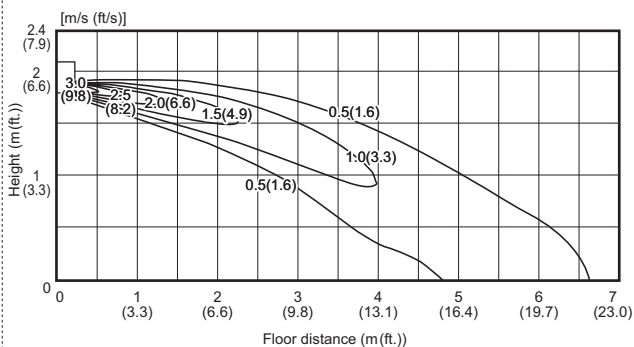
Downward air flow



PKFY-P18NLMU-E

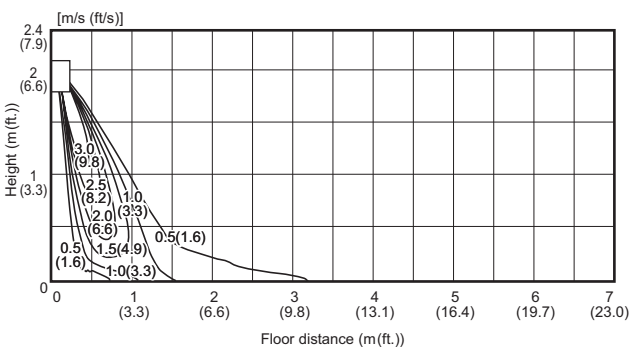
<Cooling mode>

Horizontal air flow



<Heating mode>

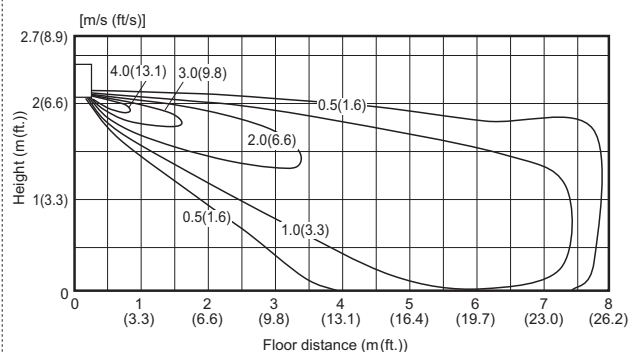
Downward air flow



PKFY-P24, 30NKMU-E2

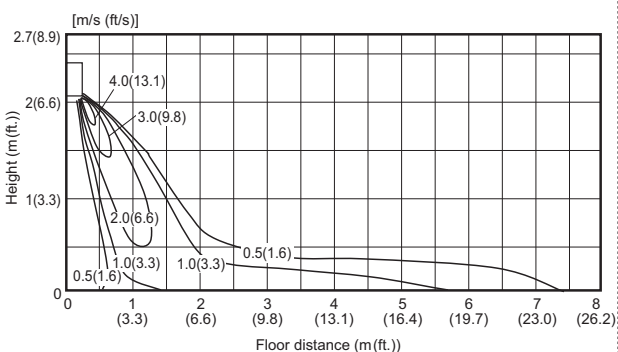
<Fan mode>

Horizontal air flow



<Fan mode>

Downward air flow



Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load, obstacles, etc.

Symbols: MCA: Minimum Circuit Ampacity (=1.25xFLA) FLA: Full Load Amps
IFM: Indoor Fan Motor Output: Fan motor rated output

Model	Indoor Unit				IFM	
	Hz	Volts	Voltage range	MCA (A)	Output (kW)	FLA (A)
PKFY-P04NLMU-E	60Hz	208/230V	187 to 253V	0.24	0.030	0.19
PKFY-P06NLMU-E				0.24	0.030	0.19
PKFY-P08NLMU-E				0.24	0.030	0.19
PKFY-P12NLMU-E				0.24	0.030	0.19
PKFY-P15NLMU-E				0.24	0.030	0.19
PKFY-P18NLMU-E				0.24	0.030	0.19
PKFY-P24NKMU-E2			198 to 253V	0.63	0.056	0.50
PKFY-P30NKMU-E2				0.63	0.056	0.50

PKFY-P-NLMU-E, NKMU-E2

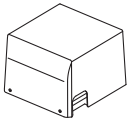
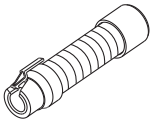
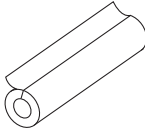
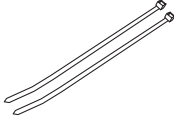
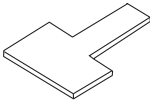
PKFY-P-NLMU-E, NKMU-E2

8-1. Optional parts line up for the Indoor unit

	Drain pump	External heater adapter
PKFY-P04, 06, 08, 12, 15, 18NLMU-E	PAC-SK01DM-E	PAC-YU25HT
PKFY-P24, 30NKMU-E2	-	PAC-YU25HT

8-2. Drain pump

PAC-SK01DM-E

If drain water can not flow out the Indoor unit by gravity and gradient, a Drain-pump for draining is needed. Drain pump PAC-SK01DM-E can pump water up to 850mm [33-1/2 in.] high from the drain pan.					
Item	① Drain pump	② Screw	③ Drain hose	④ Flexible hose cover	⑤ Band
Quantity	1	(M4×16)×1, (M4×35)×6	1	1	2
Shape					
Item	⑥ Paper gauge				
Quantity	1				
Shape					

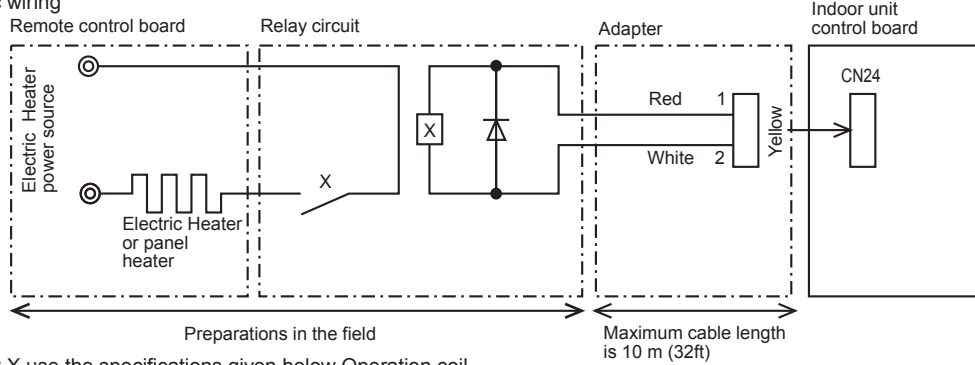
Detailed installation information should be referred to its Installation Manual.

8-3. External heater adapter

External heater adapter PAC-YU25HT is a set of special wiring parts for controlling the electric heater* with the air conditioner system.
*The electric heater should be designed and prepared at the site.

A basic connection method is shown as follows:(For details, refer to its Installation Manual.)

(1) Basic wiring



For relay X use the specifications given below Operation coil

Rated voltage : 12VDC

Power consumption : 1W or less

* Use the diode that is recommended by the relay manufacturer at both ends of the relay coil.

The length of the electrical wiring for the PAC-YU25HT is 2 meters (6-1/2 ft).

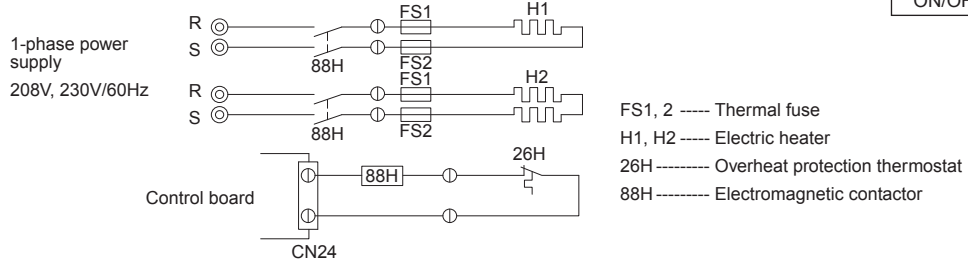
To extend this length, use sheathed 2-core cable.

Control cable type : CVV, CVS, CPEV or equivalent.

Cable size : 0.5 mm² ~ 1.25 mm² (16 to 22 AWG)

Don't extend the cable more than 10 meters (32ft).

(2) Recommended circuit



FS1, 2 ----- Thermal fuse
H1, H2 ----- Electric heater
26H ----- Overheat protection thermostat
88H ----- Electromagnetic contactor

Item	① External output cable	② Connector (for use with the panel heater)	
Quantity	2	3	
Shape			

Wiring details and Installation details should be referred to its Installation Manual.

- Outdoor unit control board
- PUHY, PURY-P-TGMU type
Dip switch SW5-2
"ON/OFF"
 - PUHY, PURY-P-THMU/YHMU/TJMU/YJMU type
Dip switch SW5-10
"ON/OFF"
 - PUHY, PURY-P-TKMU/YKMU, PUHY, PURY-P-TLMU/YLMU, PURY-HP-TKMU/YKMU type
Dip switch SW4: 932
"ON/OFF"
 - PUHY, PURY-P-TNU/YNU, PUHY, PURY-EP-TNU/YNU, PUHY, PURY-HP-TNU/YNU, type
Dip switch SW4: 932
"ON/OFF"
 - PUMY series
Dip switch SW4-4
"ON/OFF"



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

⚠ Warning

- Do not use refrigerant other than the type indicated in the manuals provided with the unit and on the nameplate.
 - Doing so may cause the unit or pipes to burst, or result in explosion or fire during use, repair, or at the time of disposal of the unit.
 - It may also be in violation of applicable laws.
 - MITSUBISHI ELECTRIC CORPORATION cannot be held responsible for malfunctions or accidents resulting from the use of the wrong type of refrigerant.
- Our air conditioning equipment and heat pumps contain a fluorinated greenhouse gas, R410A.

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