PKFY-P-NAMU-E, NGMU-E, NFMU-E

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PKFY-P-NAMU-E



PKFY-P-NGMU-E



PKFY-P-NFMU-E

PKFY-P-NAMU-E
PKFY-P-NGMU-E
PKFY-P-NFMU-E

Elegant design and compact dimensions ideal for offices, stores and residential uses, etc.



■ **A wide selection for your design and performance needs.**

■ **They are more compact and weigh less than most competitive units. In addition, they are extremely quiet with one of the lowest sound ratings available from any manufacturer.**

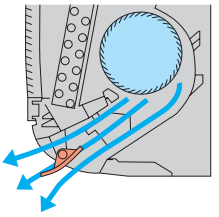
■ **The PKFY auto-vane feature delivers optimal air distribution and uniform temperature throughout the space.**

■ **All of the performance and design flexibility come in a unit that is remarkably easy to install and maintain.**

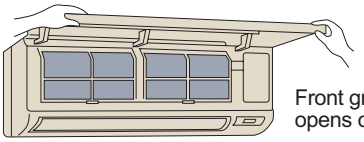
■ **The template and back-mounting plate shipped with each unit makes installation a snap.**

■ **Operation is among the quietest available**

Optimized airflow passage.
Avoid turbo air returning.
Avoid dewing at outlet.



■ **Front grille opens for easy filter cleaning**



Front grille opens out

PKFY-P-NAMU-E
PKFY-P-NGMU-E
PKFY-P-NFMU-E

Wall mounted		P06	P08	P12	P15	P18	P24	P27	P30	P36	P48	P54	P72	P96
		0.8HP	1.0HP	1.3HP	1.6HP	2.0HP	2.5HP	2.8HP	3.2HP	4.0HP	5.0HP	5.6HP	8.0HP	10.0HP
Nominal cooling cap.*1	BTU/h	6,000	8,000	12,000	15,000	18,000	24,000	27,000	30,000	36,000	48,000	54,000	72,000	96,000
Nominal heating cap.*2	BTU/h	6,700	9,000	13,500	17,000	20,000	27,000	30,000	34,000	40,000	54,000	60,000	80,000	108,000
PKFY-P-NAMU-E		●	●											
PKFY-P-NGMU-E				●	●									
PKFY-P-NFMU-E						●	●		●					

* Nominal conditions *1, *2 are referred to in the Specification sheet.

1. SPECIFICATIONS

Model			PKFY-P06NAMU-E	PKFY-P08NAMU-E	PKFY-P12NGMU-E	PKFY-P15NGMU-E
Power source			1-phase 208-230 V 60Hz			
Cooling capacity *1		BTU / h	6,000	8,000	12,000	15,000
(Nominal) *1		kW	1.8	2.3	3.5	4.4
	Power input	kW	0.03	0.03	0.07	0.07
	Current input	A	0.15	0.15	0.34	0.34
Heating capacity *2		BTU / h	6,700	9,000	13,500	17,000
(Nominal) *2		kW	2.0	2.6	4.0	5.0
	Power input	kW	0.03	0.03	0.07	0.07
	Current input	A	0.15	0.15	0.34	0.34
External finish			2.60Y 8.66/0.69		0.70Y 8.59/0.97	
External dimension H x W x D		in.	11-5/8 x 32-3/32 x 6-1/4	11-5/8 x 32-3/32 x 6-1/4	13-13/32 x 39 x 9-9/32	13-13/32 x 39 x 9-9/32
		mm	295 x 815 x 158	295 x 815 x 158	340 x 990 x 235	340 x 990 x 235
Net weight		lbs (kg)	19 (9)	19 (9)	36 (16)	36 (16)
Heat exchanger			Cross fin			
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 pressure	in.WG	0.000 (208V)	0.000 (208V)	0.000 (208V)	0.000 (208V)
		Pa	0	0	0	0
		in.WG	0.000 (230V)	0.000 (230V)	0.000 (230V)	0.000 (230V)
		Pa	0	0	0	0
	Motor type		1-phase induction motor			
	Motor output	kW	0.017	0.017	0.030	0.030
	Driving mechanism		Direct-driven			
	Airflow rate	cfm	173-184-198-208	173-184-198-208	283-335-371-406	283-335-371-406
	(Low-Mid1-Mid2-High)	m3 / min	4.9-5.2-5.6-5.9	4.9-5.2-5.6-5.9	8.0-9.5-10.5-11.5	8.0-9.5-10.5-11.5
		L / s	82-87-93-98	82-87-93-98	133-158-175-192	133-158-175-192
Sound pressure level (Low-Mid1-Mid2-High)		dB <A>	32-33-35-36 (208-230V)	32-33-35-36 (208-230V)	32-36-40-42 (208-230V)	32-36-40-42 (208-230V)
(measured in anechoic room)		dB <A>	-	-	-	-
		dB <A>	-	-	-	-
Insulation material			Polyethylene foam			
Air filter			PP honeycomb			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A CITY MULTI	R410A CITY MULTI	R410A,R22 CITY MULTI	R410A,R22 CITY MULTI
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	1/4 (6.35) Flare	1/4 (6.35) Flare	1/4 (6.35) Flare	1/4 (6.35) Flare
	(R22)		-	-	1/4 (6.35) Flare	1/4 (6.35) Flare
	Gas (R410A)	in. (mm)	1/2 (12.7) Flare	1/2 (12.7) Flare	1/2 (12.7) Flare	1/2 (12.7) Flare
	(R22)		-	-	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. 13/16 (20)	I.D. 13/16 (20)
Drawing	External		RG01N979	RG01N979	RG01N981	RG01N981
	Wiring		RG79N933	RG79N933	RG79N931	RG79N931
	Refrigerant cycle		-	-	-	-
Standard attachment	Document		Installation Manual,Installation Book			
	Accessory					
Optional parts	External Heater Adaptor		-	-	PAC-YU24HT-F	PAC-YU24HT-F
Remark						
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions
Indoor :	80degF D.B. / 67degF W.B.	70degF D.B.
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)
Outdoor :	95degF D.B.	47degF D.B. / 43degF W.B.
	(35degC D.B.)	(8.3degC D.B. / 6.1degC W.B.)
Pipe length :	25 ft. (7.6 m)	25 ft. (7.6 m)
Level difference :	0 ft. (0 m)	0 ft. (0 m)

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

Unit converter
kcal/h = kW x 860
BTU/h = kW x 3,412
cfm = m3/min x 35.31
lbs = kg / 0.4536
*Above specification data is subject to rounding variation.

Ref.: Spec_PKFY-P06-15NAMU,NGMU-E

1. SPECIFICATIONS

Model			PKFY-P18NFMU-E	PKFY-P24NFMU-E	PKFY-P30NFMU-E	
Power source			1-phase 208-230 V 60Hz			
Cooling capacity *1		BTU / h	18,000	24,000	30,000	
(Nominal) *1		kW	5.3	7.0	8.8	
	Power input	kW	0.09	0.09	0.12	
	Current input	A	0.44	0.44	0.58	
Heating capacity *2		BTU / h	20,000	27,000	34,000	
(Nominal) *2		kW	5.9	7.9	10.0	
	Power input	kW	0.09	0.09	0.12	
	Current input	A	0.44	0.44	0.58	
External finish			3.4Y 7.7/0.8			
External dimension H x W x D		in.	13-13/32 x 55-1/8 x 9-9/32	13-13/32 x 55-1/8 x 9-9/32	13-13/32 x 66-5/32 x 9-9/32	
		mm	340 x 1,400 x 235	340 x 1,400 x 235	340 x 1,680 x 235	
Net weight		lbs (kg)	53 (24)	53 (24)	62 (28)	
Heat exchanger			Cross fin			
FAN	Type x Quantity		Line flow fan x 2	Line flow fan x 2	Line flow fan x 2	
	External static pressure	in.WG	0.000 (208V)	0.000 (208V)	0.000 (208V)	
		Pa	0	0	0	
		in.WG	0.000 (230V)	0.000 (230V)	0.000 (230V)	
		Pa	0	0	0	
	Motor type		1-phase induction motor			
	Motor output	kW	0.045	0.045	0.070	
	Driving mechanism		Direct-driven			
	Airflow rate (Low-High)	cfm	494-636	494-636	777-989	
		m3 / min	14.0-18.0	14.0-18.0	22.0-28.0	
		L / s	233-300	233-300	367-467	
Sound pressure level (Low-High)		dB <A>	39-45 (208-230V)	39-45 (208-230V)	46-49 (208-230V)	
(measured in anechoic room)		dB <A>	-	-	-	
		dB <A>	-	-	-	
Insulation material			Polyethylene foam			
Air filter			PP honeycomb			
Protection device			Fuse			
Refrigerant control device			LEV			
Connectable outdoor unit			R410A,R22 CITY MULTI			
Diameter of refrigerant pipe (O.D.)	Liquid (R410A)	in. (mm)	1/4 (6.35) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
	(R22)		3/8 (9.52) Flare	3/8 (9.52) Flare	3/8 (9.52) Flare	
	Gas (R410A)	in. (mm)	1/2 (12.7) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	
	(R22)		5/8 (15.88) Flare	5/8 (15.88) Flare	5/8 (15.88) Flare	
Field drain pipe size		in. (mm)	I.D. 13/16 (20)	I.D. 13/16 (20)	I.D. 13/16 (20)	
Drawing	External		RG01N980-1	RG01N980-1	RG01N980-2	
	Wiring		RG79N931	RG79N931	RG79N931	
	Refrigerant cycle		-	-	-	
Standard attachment	Document		Installation Manual,Installation Book			
	Accessory					
Optional parts	External Heater Adaptor		PAC-YU24HT-F	PAC-YU24HT-F	PAC-YU24HT-F	
	L-Shaped Connection Pipe(15.88)		PAC-SC84PI-E	PAC-SC84PI-E	PAC-SC84PI-E	
Remark						
	Installation		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.			

Ventilation Air: Providing sufficient ventilation air is an important part of every building design. ASHRAE standard 62 provides the minimum ventilation air requirements. Also check local codes.

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions
Indoor :	80degF D.B. / 67degF W.B.	70degF D.B.
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)
Outdoor :	95degF D.B.	47degF D.B. / 43degF W.B.
	(35degC D.B.)	(8.3degC D.B. / 6.1degC W.B.)
Pipe length :	25 ft. (7.6 m)	25 ft. (7.6 m)
Level difference :	0 ft. (0 m)	0 ft. (0 m)

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

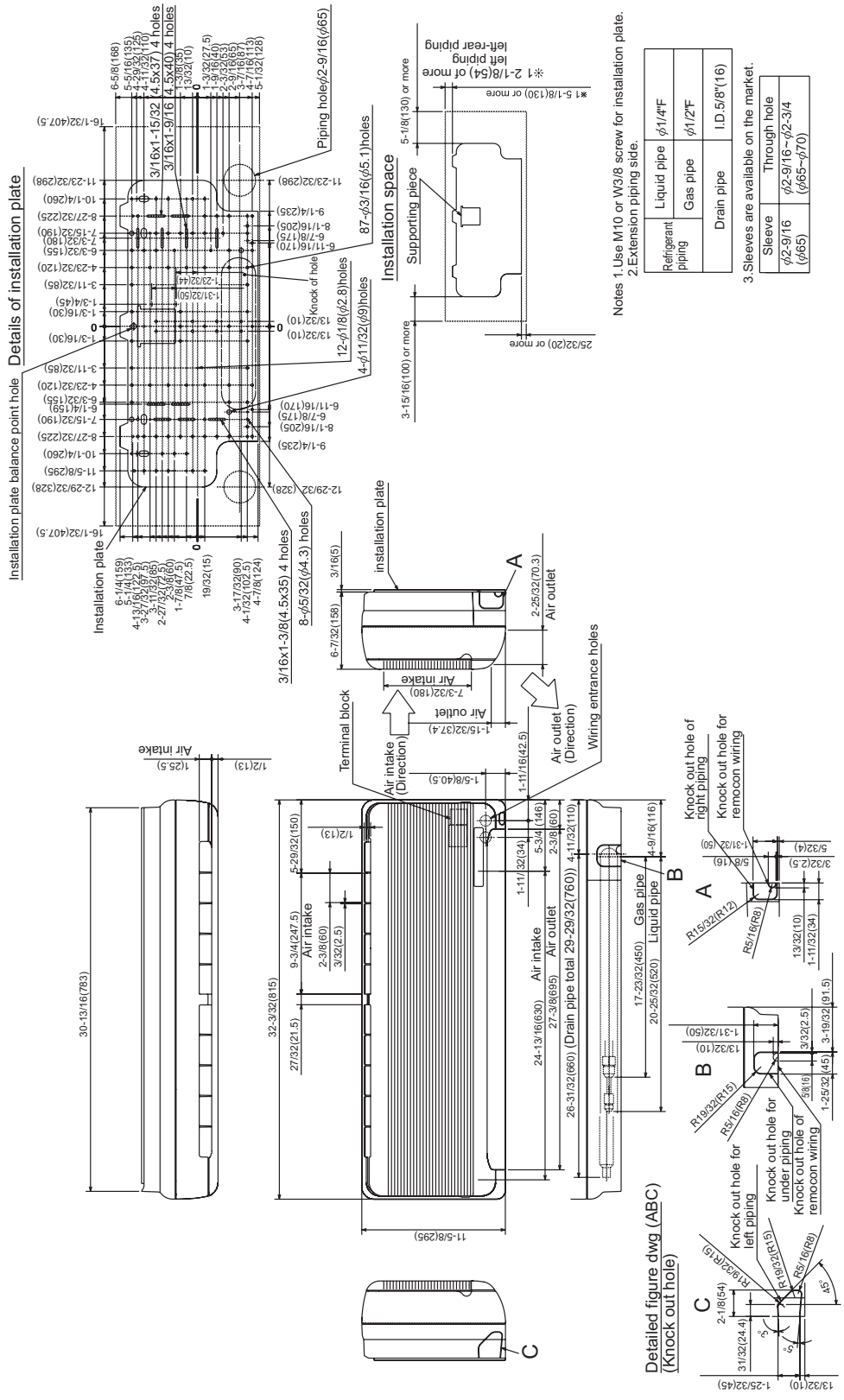
Unit converter
kcal/h = kW x 860
BTU/h = kW x 3,412
cfm = m3/min x 35.31
lbs = kg / 0.4536
*Above specification data is subject to rounding variation.

Ref.: Spec_PKFY-P18-30NFMU-E

2. EXTERNAL DIMENSIONS

PKFY-P06,08NAMU-E

Drw. : IU-RG01N979
Unit : in(mm)

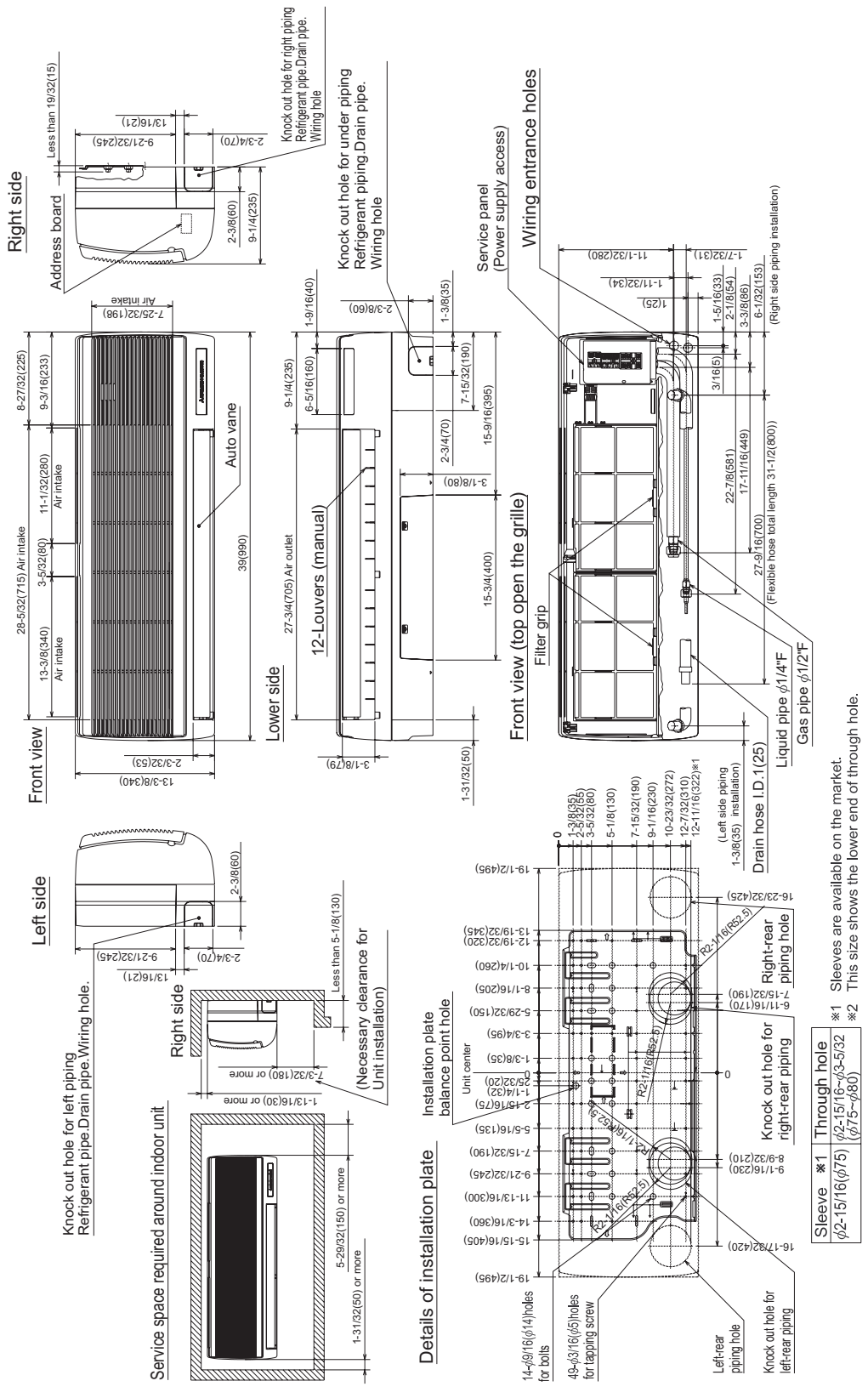


PKFY-P-NAMU-E
PKFY-P-NGMU-E
PKFY-P-NFMU-E

2. EXTERNAL DIMENSIONS

PKFY-P12,15NGMU-E

Drw. : IU-RG01N981
Unit : in(mm)

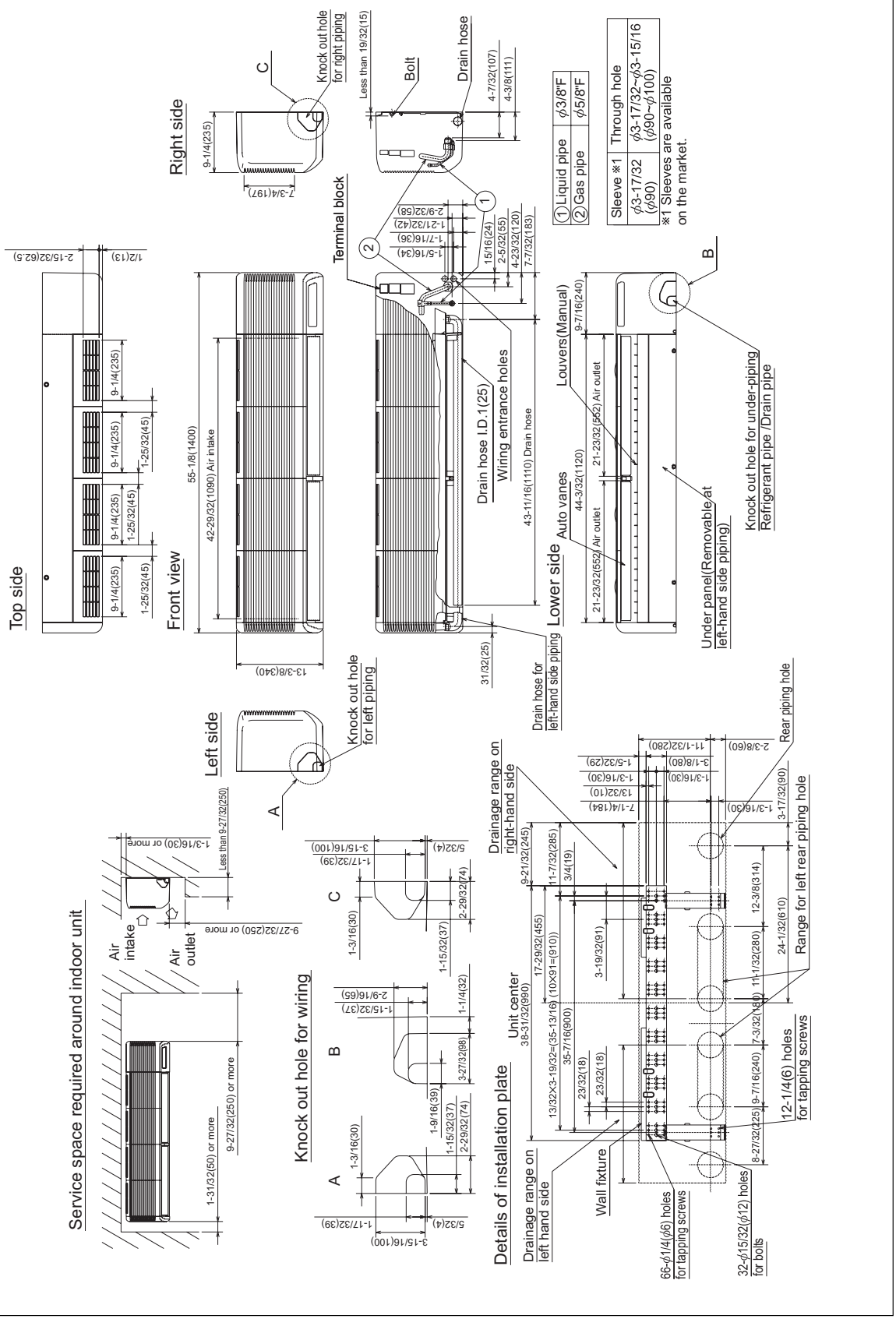


PKFY-P-NAMU-E
PKFY-P-NGMU-E
PKFY-P-NFMU-E

2. EXTERNAL DIMENSIONS

PKFY-P18,24NFMU-E

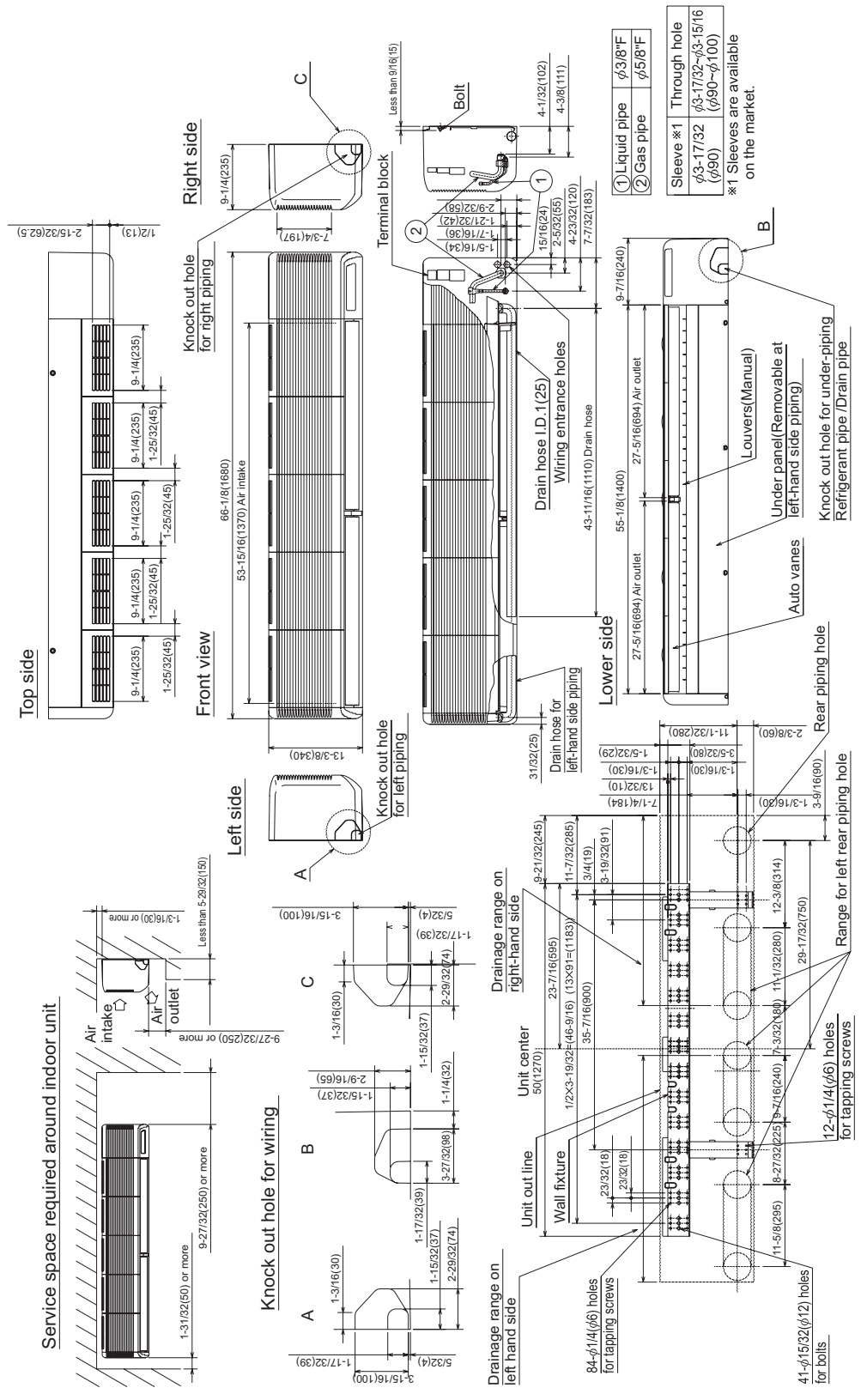
Drw. : IU-RG01N980-1
Unit : in(mm)



2. EXTERNAL DIMENSIONS

PKFY-P30NFMU-E

Drw. : IU-RG01N980-2
Unit : in(mm)



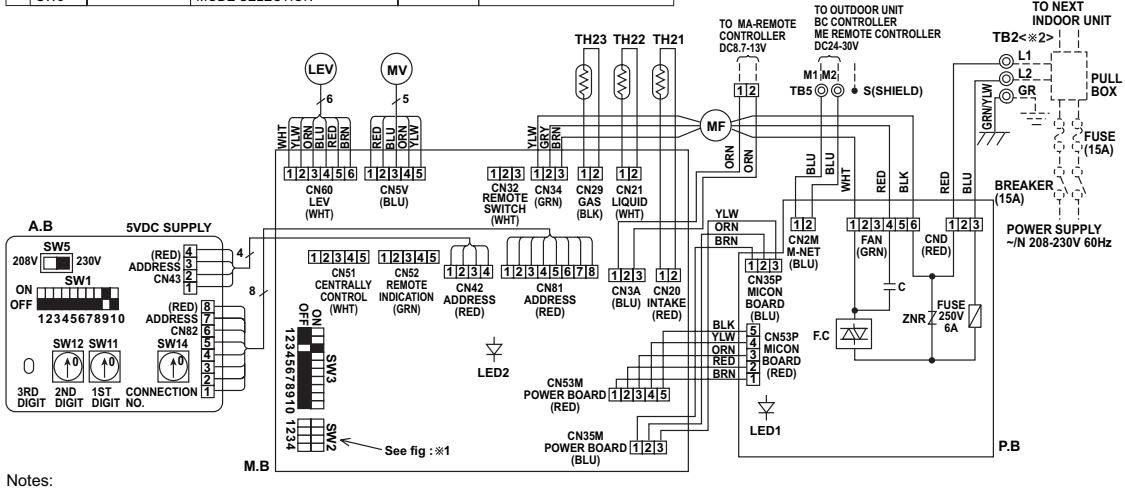
PKFY-P-NAMU-E
PKFY-P-NGMU-E
PKFY-P-NFMU-E

PKFY-P06,08NAMU-E

Drw. : IU-RG79N933

[LEGEND]

SYMBOL	NAME		SYMBOL	NAME	SYMBOL	NAME	
A. B	CIRCUIT BOARD (ADDRESS)		P. B	INDOOR POWER BOARD	LEV	LINEAR EXPANSION VALVE	
SW1	SWITCH	MODE SELECTION	C	CAPACITOR (FAN MOTOR)	MF	FAN MOTOR	
SW5		VOLTAGE SELECTION	F.C	FAN PHASE CONTROL	MV	VANE MOTOR	
SW11		ADDRESS SETTING 1ST DIGIT	FUSE	FUSE (6A/250V)	TB2	TERMINAL BLOCK	POWER SUPPLY
SW12		ADDRESS SETTING 2ST DIGIT	ZNR	VARISTOR	TB5		TRANSMISSION
SW14		CONNECTION No.			TH21	THERMISTOR	ROOM TEMP. DETECTION (32°F/15kΩ, 77°F/5.4kΩ)
M. B	INDOOR CONTROLLER BOARD				TH22		PIPE TEMP. DETECTION/LIQUID (32°F/15kΩ, 77°F/5.4kΩ)
CN32	CONNECTOR	REMOTE SWITCH			TH23		PIPE TEMP. DETECTION/GAS (32°F/15kΩ, 77°F/5.4kΩ)
CN51		CENTRALLY CONTROL					
CN52		REMOTE INDICATION					
SW2	SWITCH	CAPACITY CODE					
SW3		MODE SELECTION					



Notes:

1.At servicing for outdoor unit, always follow the wiring diagram of outdoor unit.

2.In case of connecting MA-Remote controller, please connect MA remote controller cable in an accessory to the connector 1 2. (Remote controller wire is non-polar.)

3.In case of using M-NET, please connect to TB5. (Transmission line is non-polar.)

4.Symbols used in wiring diagram above are, ◎: terminal block, □□□: connecter, ●: direct wire connection.

5.Please set the switch SW5 according to the power supply voltage.

Set SW5 to 230V side when the power supply is 230 volts.

When the power supply is 208 volts, set SW5 to 208V side.

6. The setting of the SW2 dip switches differs in the capacity for the detail, refer to the fig : ※1.

<fig : ※1>

MODELS	SW2
PKFY-P06NAMU-E	ON OFF 1 2 3 4
PKFY-P08NAMU-E	ON OFF 1 2 3 4

<※2>Use Copper Supply Wire.

LED on indoor board for service

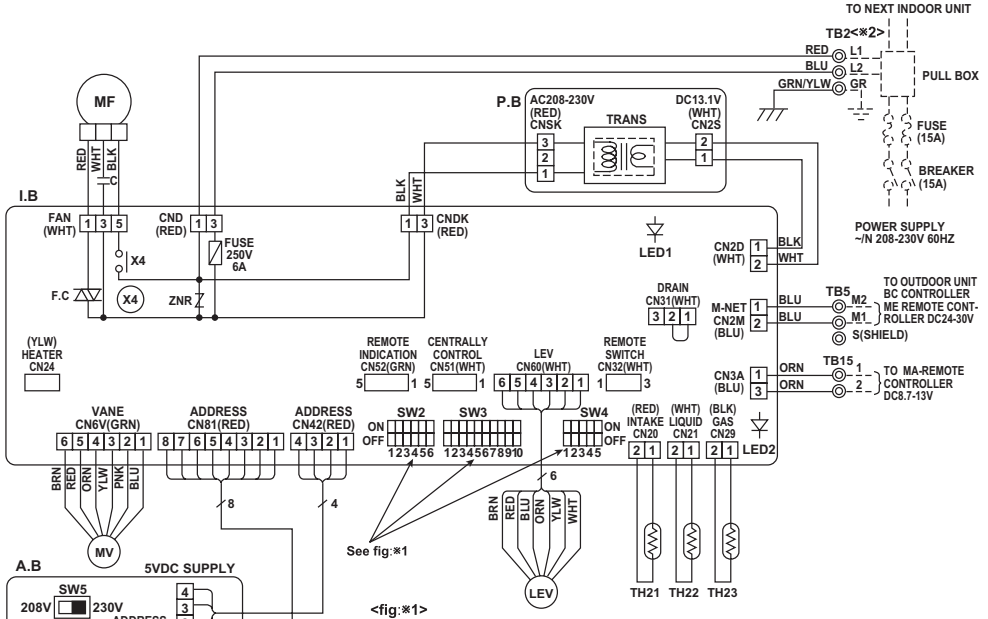
Mark	Meaning	Function
LED1	Main power supply	Main power supply (Indoor unit:208-230V) power on → lamp is lit
LED2	Power supply for MA -Remote controller	Power supply for MA -Remote controller on → lamp is lit

PKFY-P12,15NGMU-E
PKFY-P18,24,30NFMU-E

Drw. : IU-RG79N934

[LEGEND]

SYMBOL	NAME		SYMBOL	NAME		SYMBOL	NAME	
I. B	INDOOR CONTROLLER BOARD		C	CAPACITOR (FAN MOTOR)		TH23	THERMISTOR	PIPE TEMP. DETECION/GAS (32°F/15kΩ, 77°F/5.4kΩ)
CN24	CONNECTOR	HEATER	LEV	LINEAR EXPANSION VALVE				
CN32		REMOTE SWITCH	MF	FAN MOTOR (WITH INNER THERMOSTAT)		A. B	CIRCUIT BOARD (ADDRESS)	
CN51		CENTRALLY CONTROL	MV	VANE MOTOR		SW1	SWITCH	MODE SELECTION
CN52		REMOTE INDICATION	P.B	INDOOR POWER BOARD		SW5		VOLTAGE SELECTION
F.C	FAN PHASE CONTROL		TB2	TERMINAL BLOCK	POWER SUPPLY	SW11		ADDRESS SETTING 1ST DIGIT
FUSE	FUSE (6A/250V)		TB5		TRANSMISSION	SW12		ADDRESS SETTING 2ND DIGIT
SW2	SWITCH	CAPACITY CODE	TB15		MA-REMOTE CONTROLLER	SW14		CONNECTION No.
SW3		MODE SELECTION	TH21	THERMISTOR	ROOM TEMP. DETECTION (32°F/15kΩ, 77°F/5.4kΩ)	SWC		OPTION SELECTOR
SW4		MODEL SELECTION						
X4	AUX. RELAY (FAN MOTOR)		TH22		PIPE TEMP. DETECTION/LIQUID (32°F/15kΩ, 77°F/5.4kΩ)			
ZNR	VARISTOR							



<fig:※1>

Models	SW2	SW3	SW4
PKFY-P12NGMU-E	ON OFF 1 2 3 4 5 6	ON OFF 1 2 3 4 5 6 7 8 9 10	ON OFF 1 2 3 4 5
PKFY-P15NGMU-E	ON OFF 1 2 3 4 5 6	ON OFF 1 2 3 4 5 6 7 8 9 10	ON OFF 1 2 3 4 5
PKFY-P18NFMU-E	ON OFF 1 2 3 4 5 6	ON OFF 1 2 3 4 5 6 7 8 9 10	ON OFF 1 2 3 4 5
PKFY-P24NFMU-E	ON OFF 1 2 3 4 5 6	ON OFF 1 2 3 4 5 6 7 8 9 10	ON OFF 1 2 3 4 5
PKFY-P30NFMU-E	ON OFF 1 2 3 4 5 6	ON OFF 1 2 3 4 5 6 7 8 9 10	ON OFF 1 2 3 4 5

<※2>Use Copper Supply Wire.

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, □□□:connecter.
6. The setting of the SW2/SW3/SW4 dip switches differs in the capacity for the detail, refer to the fig :※1.
7. Please set the switch SW5 according to the power supply voltage.

Set SW5 to 230V side when the power supply is 230 volts.
When the power supply is 208 volts, set SW5 to 208V side.

LED on indoor board for service

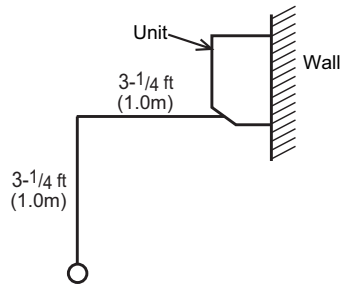
Mark	Meaning	Function
LED1	Main power supply	Main power supply (Indoor unit:208-230V) power on → lamp is lit
LED2	Power supply for MA -Remote controller	Power supply for MA -Remote controller on → lamp is lit

PKFY-P-NAMU-E
PKFY-P-NGMU-E
PKFY-P-NFMU-E

4. SOUND PRESSURE LEVELS

4-1. Sound Pressure Levels

Wall mounted



Measurement location

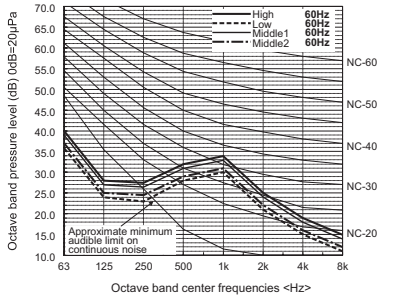
Operating sound level
(Low-Middle2-Middle1-High) Unit : dB(A)

Model	Sound pressure level (A weighted)
PKFY-P06,08NAMU-E	32-33-35-36
PKFY-P12,15NGMU-E	32-36-40-42
PKFY-P18,24NFMU-E	39-45
PKFY-P30NFMU-E	46-49

4-2. NC Curves

PKFY-P06,08NAMU-E

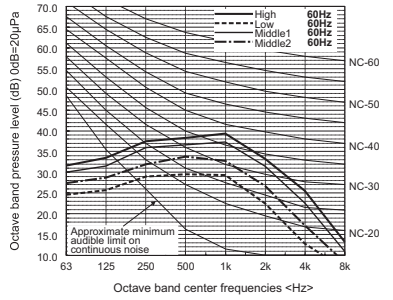
External Static Pressure: 0Pa
Power Source: 208-230V, 60Hz



Ref.:NC_PKFY-P06,08NAMU-E

PKFY-P12,15NGMU-E

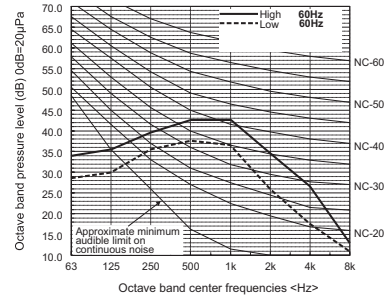
External Static Pressure: 0Pa
Power Source: 208-230V, 60Hz



Ref.:NC_PKFY-P12,15NGMU-E

PKFY-P18,24NFMU-E

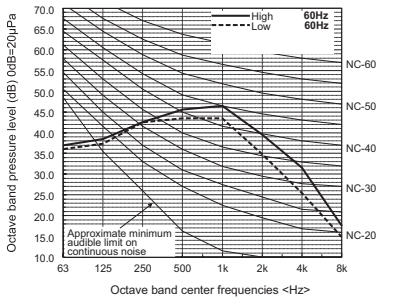
External Static Pressure: 0Pa
Power Source: 208-230V, 60Hz



Ref.:NC_PKFY-P18,24NFMU-E

PKFY-P30NFMU-E

External Static Pressure: 0Pa
Power Source: 208-230V, 60Hz



Ref.:NC_PKFY-P30NFMU-E

5. CAPACITY TABLES

5-1. Cooling Capacity in Combination with PUHY-HP72,96THMU; -HP144,192TSHMU

PKFY-P-NAMU/NGMU/NFMU-E

CA : Capacity(kW) SHC : Sensible Heat Capacity(kW)

Model size	Outdoor air temp.	Indoor air temp.													
		21.7degC D.B. 15degC W.B.		22.8degC D.B. 16.1degC W.B.		25degC D.B. 17.8degC W.B.		27.2degC D.B. 18.9degC W.B.		27.8degC D.B. 20degC W.B.		30degC D.B. 22.2degC W.B.		32.2degC D.B. 23.9degC W.B.	
	degC D.B.	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
06	20.0	1.6	1.3	1.7	1.3	1.8	1.3	1.9	1.4	2.0	1.4	2.1	1.4	2.2	1.4
	22.8	1.6	1.3	1.7	1.3	1.8	1.3	1.9	1.4	2.0	1.4	2.1	1.4	2.2	1.4
	25.0	1.6	1.3	1.7	1.3	1.8	1.3	1.9	1.4	2.0	1.4	2.1	1.3	2.2	1.4
	27.8	1.6	1.3	1.7	1.3	1.8	1.3	1.9	1.4	2.0	1.4	2.1	1.3	2.2	1.4
	30.0	1.6	1.2	1.7	1.3	1.8	1.3	1.9	1.4	1.9	1.4	2.0	1.3	2.1	1.3
	32.8	1.6	1.2	1.7	1.3	1.7	1.3	1.8	1.4	1.9	1.3	2.0	1.3	2.1	1.3
	35.0	1.6	1.2	1.6	1.2	1.7	1.3	1.8	1.4	1.9	1.3	1.9	1.3	2.0	1.3
	37.8	1.5	1.2	1.6	1.2	1.7	1.3	1.8	1.4	1.8	1.3	1.9	1.3	2.0	1.3
	40.0	1.5	1.2	1.6	1.2	1.7	1.3	1.7	1.4	1.8	1.3	1.9	1.3	1.9	1.3
	43.3	1.5	1.2	1.6	1.2	1.6	1.2	1.7	1.3	1.7	1.3	1.8	1.2	1.9	1.3
08	20.0	2.0	1.6	2.2	1.6	2.3	1.7	2.5	1.8	2.6	1.7	2.7	1.7	2.9	1.7
	22.8	2.0	1.6	2.2	1.6	2.3	1.7	2.5	1.8	2.6	1.7	2.7	1.7	2.9	1.7
	25.0	2.0	1.6	2.2	1.6	2.3	1.7	2.5	1.8	2.5	1.7	2.7	1.7	2.8	1.7
	27.8	2.0	1.6	2.2	1.6	2.3	1.6	2.4	1.8	2.5	1.7	2.6	1.7	2.8	1.7
	30.0	2.0	1.6	2.1	1.6	2.3	1.6	2.4	1.8	2.5	1.7	2.6	1.7	2.7	1.7
	32.8	2.0	1.6	2.1	1.6	2.2	1.6	2.3	1.7	2.4	1.7	2.5	1.6	2.6	1.7
	35.0	2.0	1.6	2.1	1.6	2.2	1.6	2.3	1.7	2.4	1.7	2.5	1.6	2.6	1.6
	37.8	2.0	1.5	2.1	1.5	2.2	1.6	2.3	1.7	2.3	1.6	2.4	1.6	2.5	1.6
	40.0	2.0	1.5	2.0	1.5	2.1	1.6	2.2	1.7	2.3	1.6	2.4	1.6	2.5	1.6
	43.3	1.9	1.5	2.0	1.5	2.1	1.6	2.2	1.7	2.2	1.6	2.3	1.6	2.4	1.6
12	20.0	3.1	2.5	3.3	2.6	3.5	2.7	3.7	2.9	3.9	2.8	4.1	2.8	4.4	2.8
	22.8	3.1	2.5	3.3	2.6	3.5	2.7	3.7	2.9	3.9	2.8	4.1	2.8	4.4	2.8
	25.0	3.1	2.5	3.3	2.6	3.5	2.7	3.7	2.9	3.9	2.8	4.1	2.7	4.3	2.8
	27.8	3.1	2.5	3.3	2.6	3.5	2.7	3.7	2.9	3.8	2.8	4.0	2.7	4.2	2.8
	30.0	3.1	2.5	3.3	2.6	3.4	2.6	3.6	2.9	3.7	2.7	3.9	2.7	4.1	2.7
	32.8	3.0	2.5	3.2	2.5	3.4	2.6	3.6	2.8	3.7	2.7	3.9	2.7	4.0	2.7
	35.0	3.0	2.5	3.2	2.5	3.4	2.6	3.5	2.8	3.6	2.7	3.8	2.6	4.0	2.7
	37.8	3.0	2.5	3.1	2.5	3.3	2.6	3.4	2.8	3.5	2.7	3.7	2.6	3.9	2.6
	40.0	3.0	2.5	3.1	2.5	3.3	2.6	3.4	2.8	3.5	2.6	3.6	2.6	3.8	2.6
	43.3	3.0	2.5	3.0	2.5	3.2	2.5	3.3	2.7	3.4	2.6	3.5	2.5	3.7	2.6
15	20.0	3.9	3.0	4.2	3.1	4.4	3.2	4.7	3.5	4.9	3.4	5.2	3.3	5.5	3.4
	22.8	3.9	3.0	4.2	3.1	4.4	3.2	4.7	3.5	4.9	3.4	5.2	3.3	5.5	3.4
	25.0	3.9	3.0	4.2	3.1	4.4	3.2	4.7	3.5	4.9	3.3	5.1	3.3	5.4	3.3
	27.8	3.9	3.0	4.1	3.1	4.4	3.2	4.6	3.4	4.8	3.3	5.0	3.2	5.3	3.3
	30.0	3.8	3.0	4.1	3.1	4.3	3.2	4.6	3.4	4.7	3.3	4.9	3.2	5.2	3.3
	32.8	3.8	3.0	4.0	3.0	4.3	3.1	4.5	3.4	4.6	3.2	4.8	3.2	5.1	3.2
	35.0	3.8	3.0	4.0	3.0	4.2	3.1	4.4	3.3	4.5	3.2	4.8	3.1	5.0	3.2
	37.8	3.8	3.0	3.9	3.0	4.1	3.1	4.3	3.3	4.4	3.2	4.7	3.1	4.9	3.1
	40.0	3.8	3.0	3.9	3.0	4.1	3.1	4.3	3.3	4.4	3.1	4.6	3.1	4.8	3.1
	43.3	3.7	3.0	3.8	2.9	4.0	3.0	4.2	3.2	4.3	3.1	4.4	3.0	4.6	3.1
18	20.0	4.7	3.9	5.0	3.9	5.3	4.1	5.7	4.4	5.9	4.3	6.2	4.2	6.6	4.3
	22.8	4.7	3.9	5.0	3.9	5.3	4.1	5.7	4.4	5.9	4.3	6.2	4.2	6.6	4.3
	25.0	4.7	3.9	5.0	3.9	5.3	4.1	5.7	4.4	5.9	4.3	6.2	4.2	6.5	4.3
	27.8	4.7	3.9	5.0	3.9	5.3	4.1	5.6	4.4	5.7	4.2	6.1	4.1	6.4	4.2
	30.0	4.6	3.9	4.9	3.9	5.2	4.0	5.5	4.4	5.7	4.2	6.0	4.1	6.2	4.2
	32.8	4.6	3.8	4.9	3.9	5.1	4.0	5.4	4.3	5.6	4.1	5.8	4.1	6.1	4.1
	35.0	4.6	3.8	4.8	3.9	5.1	4.0	5.3	4.3	5.5	4.1	5.7	4.0	6.0	4.1
	37.8	4.5	3.8	4.7	3.8	5.0	3.9	5.2	4.2	5.4	4.1	5.6	4.0	5.9	4.0
	40.0	4.5	3.8	4.7	3.8	4.9	3.9	5.1	4.2	5.3	4.0	5.5	3.9	5.7	4.0
	43.3	4.5	3.8	4.6	3.8	4.8	3.9	5.0	4.2	5.1	4.0	5.4	3.9	5.6	4.0
24	20.0	6.2	4.8	6.6	4.9	7.1	5.0	7.5	5.5	7.8	5.3	8.2	5.2	8.7	5.3
	22.8	6.2	4.8	6.6	4.9	7.1	5.0	7.5	5.5	7.8	5.3	8.2	5.2	8.7	5.3
	25.0	6.2	4.8	6.6	4.9	7.1	5.0	7.5	5.5	7.7	5.3	8.2	5.1	8.6	5.2
	27.8	6.2	4.8	6.6	4.9	7.0	5.0	7.4	5.4	7.6	5.2	8.0	5.1	8.4	5.2
	30.0	6.1	4.8	6.5	4.8	6.9	5.0	7.2	5.4	7.5	5.2	7.9	5.0	8.2	5.1
	32.8	6.1	4.7	6.4	4.8	6.8	4.9	7.1	5.3	7.3	5.1	7.7	5.0	8.1	5.1
	35.0	6.0	4.7	6.4	4.8	6.7	4.9	7.0	5.3	7.2	5.0	7.6	4.9	7.9	5.0
	37.8	6.0	4.7	6.3	4.7	6.6	4.8	6.9	5.2	7.1	5.0	7.4	4.9	7.7	4.9
	40.0	6.0	4.7	6.2	4.7	6.5	4.8	6.8	5.2	7.0	4.9	7.3	4.8	7.6	4.9
	43.3	5.9	4.7	6.1	4.6	6.4	4.7	6.6	5.1	6.8	4.9	7.1	4.7	7.4	4.8
30	20.0	7.8	6.5	8.3	6.6	8.9	6.8	9.4	7.4	9.8	7.1	10.4	7.0	11.0	7.2
	22.8	7.8	6.5	8.3	6.6	8.9	6.8	9.4	7.4	9.8	7.1	10.4	7.0	11.0	7.2
	25.0	7.8	6.5	8.3	6.6	8.9	6.8	9.4	7.4	9.7	7.1	10.3	7.0	10.8	7.1
	27.8	7.7	6.5	8.3	6.6	8.8	6.8	9.2	7.3	9.5	7.0	10.1	6.9	10.6	7.0
	30.0	7.7	6.4	8.2	6.5	8.7	6.7	9.1	7.3	9.4	7.0	9.9	6.8	10.4	7.0
	32.8	7.6	6.4	8.1	6.5	8.5	6.7	8.9	7.2	9.2	6.9	9.7	6.8	10.1	6.9
	35.0	7.6	6.4	8.0	6.4	8.4	6.6	8.8	7.2	9.1	6.9	9.5	6.7	9.9	6.8
	37.8	7.6	6.4	7.9	6.4	8.3	6.6	8.7	7.1	8.9	6.8	9.3	6.6	9.7	6.8
	40.0	7.5	6.4	7.8	6.3	8.2	6.5	8.5	7.0	8.8	6.7	9.1	6.6	9.5	6.7
	43.3	7.5	6.3	7.7	6.3	8.0	6.5	8.3	7.0	8.5	6.7	8.9	6.5	9.3	6.6

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PKFY_NAMU-E_CC_USDB_PUHY-HP

5. CAPACITY TABLES

PKFY-P-NAMU/NGMU/NFMU-E

CA : Capacity(BTU/h) SHC : Sensible Heat Capacity(BTU/h)

Model size	Outdoor air temp.	Indoor air temp.													
		71degF D.B. 59degF W.B.		73degF D.B. 61degF W.B.		77degF D.B. 64degF W.B.		81degF D.B. 66degF W.B.		82degF D.B. 68degF W.B.		86degF D.B. 72degF W.B.		90degF D.B. 75degF W.B.	
	degF D.B.	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC	CA	SHC
06	68.0	5,400	4,300	5,800	4,400	6,200	4,500	6,600	4,900	6,800	4,700	7,200	4,600	7,600	4,700
	73.0	5,400	4,300	5,800	4,400	6,200	4,500	6,600	4,900	6,800	4,700	7,200	4,600	7,600	4,700
	77.0	5,400	4,300	5,800	4,400	6,200	4,500	6,600	4,900	6,800	4,700	7,200	4,600	7,500	4,700
	82.0	5,400	4,300	5,800	4,300	6,100	4,500	6,500	4,800	6,700	4,600	7,000	4,500	7,400	4,600
	86.0	5,400	4,300	5,700	4,300	6,000	4,400	6,400	4,800	6,600	4,600	6,900	4,500	7,200	4,600
	91.0	5,300	4,200	5,600	4,300	6,000	4,400	6,200	4,700	6,400	4,600	6,800	4,400	7,100	4,500
	95.0	5,300	4,200	5,600	4,200	5,900	4,400	6,200	4,700	6,300	4,500	6,600	4,400	6,900	4,500
	100.0	5,300	4,200	5,500	4,200	5,800	4,300	6,000	4,700	6,200	4,500	6,500	4,400	6,800	4,400
	104.0	5,200	4,200	5,400	4,200	5,700	4,300	5,900	4,600	6,100	4,400	6,400	4,300	6,700	4,400
	110.0	5,200	4,200	5,300	4,100	5,600	4,200	5,800	4,600	6,000	4,400	6,200	4,200	6,500	4,300
08	68.0	6,900	5,400	7,400	5,500	7,900	5,700	8,400	6,100	8,700	5,900	9,200	5,800	9,800	5,900
	73.0	6,900	5,400	7,400	5,500	7,900	5,700	8,400	6,100	8,700	5,900	9,200	5,800	9,800	5,900
	77.0	6,900	5,400	7,400	5,500	7,900	5,700	8,400	6,100	8,700	5,900	9,200	5,800	9,600	5,900
	82.0	6,900	5,400	7,400	5,400	7,800	5,600	8,200	6,000	8,500	5,800	9,000	5,700	9,400	5,800
	86.0	6,900	5,300	7,300	5,400	7,700	5,600	8,100	6,000	8,400	5,800	8,800	5,600	9,200	5,700
	91.0	6,800	5,300	7,200	5,400	7,600	5,500	8,000	5,900	8,200	5,700	8,600	5,600	9,000	5,700
	95.0	6,800	5,300	7,100	5,300	7,500	5,500	7,900	5,900	8,100	5,700	8,500	5,500	8,900	5,600
	100.0	6,700	5,300	7,000	5,300	7,400	5,400	7,700	5,800	7,900	5,600	8,300	5,400	8,700	5,500
	104.0	6,700	5,300	7,000	5,200	7,300	5,400	7,600	5,800	7,800	5,500	8,200	5,400	8,500	5,500
	110.0	6,600	5,200	6,800	5,200	7,200	5,300	7,400	5,700	7,600	5,500	7,900	5,300	8,300	5,400
12	68.0	10,500	8,700	11,300	8,800	12,000	9,100	12,800	9,900	13,300	9,600	14,100	9,400	14,900	9,600
	73.0	10,500	8,700	11,300	8,800	12,000	9,100	12,800	9,900	13,300	9,600	14,100	9,400	14,900	9,600
	77.0	10,500	8,700	11,300	8,800	12,000	9,100	12,800	9,900	13,200	9,500	13,900	9,300	14,600	9,500
	82.0	10,500	8,600	11,200	8,800	11,900	9,100	12,500	9,800	13,000	9,400	13,700	9,200	14,300	9,400
	86.0	10,400	8,600	11,100	8,700	11,800	9,000	12,400	9,700	12,800	9,300	13,400	9,100	14,100	9,300
	91.0	10,400	8,600	11,000	8,700	11,600	8,900	12,100	9,600	12,500	9,300	13,100	9,000	13,800	9,200
	95.0	10,300	8,600	10,800	8,600	11,400	8,900	12,000	9,600	12,300	9,200	12,900	9,000	13,500	9,100
	100.0	10,300	8,500	10,700	8,500	11,300	8,800	11,700	9,500	12,100	9,100	12,600	8,900	13,200	9,000
	104.0	10,200	8,500	10,600	8,500	11,100	8,700	11,600	9,400	11,900	9,000	12,400	8,800	12,900	8,900
	110.0	10,100	8,500	10,400	8,400	10,900	8,600	11,300	9,300	11,600	8,900	12,100	8,700	12,600	8,800
15	68.0	13,200	10,400	14,200	10,600	15,100	10,900	16,100	11,800	16,700	11,500	17,700	11,200	18,700	11,500
	73.0	13,200	10,400	14,200	10,600	15,100	10,900	16,100	11,800	16,700	11,500	17,700	11,200	18,700	11,500
	77.0	13,200	10,400	14,200	10,600	15,100	10,900	16,100	11,800	16,600	11,400	17,500	11,200	18,400	11,400
	82.0	13,200	10,400	14,100	10,500	15,000	10,900	15,800	11,700	16,300	11,300	17,200	11,000	18,000	11,200
	86.0	13,100	10,300	14,000	10,500	14,800	10,800	15,500	11,600	16,000	11,200	16,900	10,900	17,700	11,100
	91.0	13,000	10,300	13,800	10,400	14,600	10,700	15,300	11,500	15,700	11,000	16,500	10,800	17,300	11,000
	95.0	13,000	10,300	13,600	10,300	14,400	10,600	15,000	11,400	15,500	10,900	16,200	10,700	17,000	10,900
	100.0	12,900	10,200	13,400	10,200	14,100	10,500	14,800	11,300	15,200	10,800	15,900	10,500	16,600	10,700
	104.0	12,800	10,200	13,300	10,200	14,000	10,400	14,500	11,200	14,900	10,700	15,600	10,400	16,300	10,600
	110.0	12,700	10,100	13,100	10,100	13,700	10,300	14,200	11,000	14,600	10,600	15,200	10,300	15,800	10,500
18	68.0	15,900	13,200	17,100	13,500	18,200	13,900	19,400	15,100	20,100	14,600	21,300	14,300	22,500	14,700
	73.0	15,900	13,200	17,100	13,500	18,200	13,900	19,400	15,100	20,100	14,600	21,300	14,300	22,500	14,700
	77.0	15,900	13,200	17,100	13,500	18,200	13,900	19,300	15,100	20,000	14,600	21,100	14,300	22,200	14,600
	82.0	15,900	13,200	17,000	13,400	18,000	13,800	19,000	15,000	19,600	14,400	20,700	14,100	21,700	14,400
	86.0	15,800	13,200	16,800	13,300	17,800	13,800	18,700	14,900	19,300	14,300	20,300	14,000	21,300	14,300
	91.0	15,700	13,100	16,600	13,200	17,500	13,600	18,400	14,700	18,900	14,100	19,900	13,800	20,800	14,100
	95.0	15,600	13,100	16,400	13,100	17,300	13,500	18,100	14,600	18,700	14,000	19,600	13,700	20,400	14,000
	100.0	15,500	13,000	16,200	13,000	17,000	13,400	17,800	14,500	18,300	13,900	19,100	13,500	20,000	13,800
	104.0	15,400	13,000	16,000	13,000	16,800	13,300	17,500	14,400	18,000	13,800	18,800	13,400	19,600	13,700
	110.0	15,300	12,900	15,800	12,800	16,500	13,200	17,100	14,200	17,500	13,600	18,300	13,200	19,000	13,500
24	68.0	21,100	16,300	22,600	16,700	24,100	17,200	25,600	18,600	26,600	18,000	28,100	17,700	29,700	18,000
	73.0	21,100	16,300	22,600	16,700	24,100	17,200	25,600	18,600	26,600	18,000	28,100	17,700	29,700	18,000
	77.0	21,100	16,300	22,600	16,700	24,100	17,200	25,500	18,600	26,400	18,000	27,900	17,600	29,300	17,900
	82.0	21,000	16,300	22,400	16,600	23,800	17,100	25,100	18,400	25,900	17,700	27,300	17,400	28,600	17,600
	86.0	20,900	16,300	22,200	16,500	23,500	17,000	24,700	18,300	25,500	17,600	26,900	17,200	28,100	17,500
	91.0	20,700	16,200	21,900	16,300	23,200	16,800	24,300	18,100	25,000	17,400	26,300	17,000	27,500	17,200
	95.0	20,600	16,100	21,700	16,200	22,900	16,700	23,900	17,900	24,600	17,200	25,800	16,800	27,000	17,100
	100.0	20,500	16,100	21,400	16,100	22,500	16,500	23,500	17,700	24,100	17,000	25,300	16,600	26,400	16,800
	104.0	20,400	16,000	21,200	16,000	22,200	16,400	23,100	17,600	23,800	16,900	24,800	16,400	25,900	16,700
	110.0	20,200	15,900	20,800	15,800	21,800	16,200	22,600	17,300	23,200	16,600	24,100	16,200	25,100	16,400
30	68.0	26,500	22,100	28,400	22,500	30,300	23,300	32,200	25,300	33,400	24,400	35,400	23,900	37,400	24,500
	73.0	26,500	22,100	28,400	22,500	30,300	23,300	32,200	25,300	33,400	24,400	35,400	23,900	37,400	24,500
	77.0	26,500	22,100	28,400	22,500	30,300	23,300	32,100	25,300	33,200	24,300	35,000	23,800	36,800	24,300
	82.0	26,400	22,000	28,200	22,400	29,900	23,100	31,500	25,000	32,600	24,000	34,300	23,500	36,000	24,000
	86.0	26,300	22,000	27,900	22,200	29,600	23,000	31,100	24,800	32,100	23,900	33,800	23,300	35,400	23,800
	91.0	26,100	21,900	27,600	22,100	29,100	22,800	30,500	24,600	31,500	23,600	33,000	23,100	34,600	23,600
	95.0	25,900	21,800	27,300	21,900	28,700	22,600	30,100	24,400	31,000	23,400	32,500	22,900	33,900	23,300
	100.0	25,800	21,800	26,900	21,800	28,300	22,400	29,500	24,200	30,300	23,200	31,800	22,600	33,100	23,100
	104.0	25,600	21,700	26,600	21,600	27,900	22,300	29,100	24,000	29,900	23,000	31,200	22,400	32,500	22,900
	110.0	25,400	21,600	26,200	21,400	27,400	22,000	28,400	23,700	29,100	22,700	30,400	22,100	31,600	22,600

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PKFY_NAMU-E_CC_USDB_PUHY-HP

5-2. Heating Capacity in Combination with PUHY-HP72,96THMU; -HP144,192TSHMU

PKFY-P-NAMU/NGMU/NFMU-E SHC : Sensible Heat Capacity(kW)

Model size	Outdoor air temp.	Indoor air temp.			
		15.0degC D.B.	21.1degC D.B.	25.0degC D.B.	27.2degC D.B.
	degC W.B.	SHC	SHC	SHC	SHC
06	-25.0	1.5	1.5	1.5	1.4
	-20.0	1.8	1.8	1.7	1.4
	-15.0	2.0	2.0	1.7	1.4
	-10.0	2.2	2.0	1.7	1.4
	-5.0	2.3	2.0	1.7	1.4
	0.0	2.3	2.0	1.7	1.4
	3.0	2.3	2.0	1.7	1.4
	6.0	2.4	2.0	1.7	1.4
	8.0	2.4	2.0	1.7	1.4
	10.0	2.5	2.0	1.7	1.4
	13.0	2.6	2.0	1.7	1.4
	16.0	2.7	2.0	1.7	1.4
	18.0	2.8	2.0	1.7	1.4
08	-25.0	2.0	2.0	2.0	1.9
	-20.0	2.3	2.3	2.2	1.9
	-15.0	2.6	2.6	2.2	1.9
	-10.0	2.9	2.6	2.2	1.9
	-5.0	3.0	2.6	2.2	1.9
	0.0	3.0	2.6	2.2	1.9
	3.0	3.0	2.6	2.2	1.9
	6.0	3.1	2.6	2.2	1.9
	8.0	3.2	2.6	2.2	1.9
	10.0	3.2	2.6	2.2	1.9
	13.0	3.4	2.6	2.2	1.9
	16.0	3.5	2.6	2.2	1.9
	18.0	3.6	2.6	2.2	1.9
12	-25.0	3.0	3.0	3.0	2.9
	-20.0	3.5	3.5	3.4	2.9
	-15.0	4.0	4.0	3.4	2.9
	-10.0	4.5	4.0	3.4	2.9
	-5.0	4.6	4.0	3.4	2.9
	0.0	4.6	4.0	3.4	2.9
	3.0	4.6	4.0	3.4	2.9
	6.0	4.7	4.0	3.4	2.9
	8.0	4.9	4.0	3.4	2.9
	10.0	5.0	4.0	3.4	2.9
	13.0	5.2	4.0	3.4	2.9
	16.0	5.4	4.0	3.4	2.9
	18.0	5.5	4.0	3.4	2.9
15	-25.0	3.8	3.8	3.8	3.6
	-20.0	4.4	4.4	4.2	3.6
	-15.0	5.0	5.0	4.2	3.6
	-10.0	5.6	5.0	4.2	3.6
	-5.0	5.8	5.0	4.2	3.6
	0.0	5.8	5.0	4.2	3.6
	3.0	5.8	5.0	4.2	3.6
	6.0	5.9	5.0	4.2	3.6
	8.0	6.1	5.0	4.2	3.6
	10.0	6.2	5.0	4.2	3.6
	13.0	6.5	5.0	4.2	3.6
	16.0	6.7	5.0	4.2	3.6
	18.0	6.9	5.0	4.2	3.6
18	-25.0	4.4	4.4	4.4	4.2
	-20.0	5.2	5.2	5.0	4.2
	-15.0	5.9	5.9	5.0	4.2
	-10.0	6.6	5.9	5.0	4.2
	-5.0	6.8	5.9	5.0	4.2
	0.0	6.8	5.9	5.0	4.2
	3.0	6.8	5.9	5.0	4.2
	6.0	7.0	5.9	5.0	4.2
	8.0	7.2	5.9	5.0	4.2
	10.0	7.4	5.9	5.0	4.2
	13.0	7.6	5.9	5.0	4.2
	16.0	7.9	5.9	5.0	4.2
	18.0	8.1	5.9	5.0	4.2
24	-25.0	5.9	5.9	5.9	5.7
	-20.0	7.0	7.0	6.6	5.7
	-15.0	7.9	7.9	6.6	5.7
	-10.0	8.8	7.9	6.6	5.7
	-5.0	9.1	7.9	6.6	5.7
	0.0	9.1	7.9	6.6	5.7
	3.0	9.1	7.9	6.6	5.7
	6.0	9.3	7.9	6.6	5.7
	8.0	9.6	7.9	6.6	5.7
	10.0	9.9	7.9	6.6	5.7
	13.0	10.2	7.9	6.6	5.7
	16.0	10.6	7.9	6.6	5.7
	18.0	10.9	7.9	6.6	5.7

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PKFY_NAMU-E_HC_USDB_PUHY-HP

SHC : Sensible Heat Capacity(kW)

Model size	Outdoor air temp.	Indoor air temp.			
		15.0degC D.B.	21.1degC D.B.	25.0degC D.B.	27.2degC D.B.
	degC W.B.	SHC	SHC	SHC	SHC
30	-25.0	7.5	7.5	7.5	7.2
	-20.0	8.8	8.8	8.4	7.2
	-15.0	10.0	10.0	8.4	7.2
	-10.0	11.1	10.0	8.4	7.2
	-5.0	11.5	10.0	8.4	7.2
	0.0	11.5	10.0	8.4	7.2
	3.0	11.5	10.0	8.4	7.2
	6.0	11.8	10.0	8.4	7.2
	8.0	12.1	10.0	8.4	7.2
	10.0	12.5	10.0	8.4	7.2
	13.0	13.0	10.0	8.4	7.2
	16.0	13.4	10.0	8.4	7.2
	18.0	13.8	10.0	8.4	7.2

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PKFY_NAMU-E_HC_USDB_PUHY-HP

PKFY-P-NAMU/NGMU/NFMU-E SHC : Sensible Heat Capacity(BTU/h)

Model size	Outdoor air temp.	Indoor air temp.			
		59degF D.B.	70degF D.B.	77degF D.B.	81degF D.B.
	degF W.B.	SHC	SHC	SHC	SHC
06	-13.0	5,100	5,100	5,100	4,900
	-4.0	6,000	6,000	5,700	4,900
	5.0	6,800	6,800	5,700	4,900
	14.0	7,600	6,800	5,700	4,900
	23.0	7,900	6,800	5,700	4,900
	32.0	7,900	6,800	5,700	4,900
	37.4	7,900	6,800	5,700	4,900
	43.0	8,100	6,800	5,700	4,900
	46.0	8,300	6,800	5,700	4,900
	50.0	8,500	6,800	5,700	4,900
	55.0	8,800	6,800	5,700	4,900
	60.0	9,200	6,800	5,700	4,900
	65.0	9,400	6,800	5,700	4,900
08	-13.0	6,700	6,700	6,700	6,400
	-4.0	7,800	7,800	7,500	6,400
	5.0	8,900	8,900	7,500	6,400
	14.0	9,900	8,900	7,500	6,400
	23.0	10,200	8,900	7,500	6,400
	32.0	10,200	8,900	7,500	6,400
	37.4	10,200	8,900	7,500	6,400
	43.0	10,500	8,900	7,500	6,400
	46.0	10,800	8,900	7,500	6,400
	50.0	11,100	8,900	7,500	6,400
	55.0	11,500	8,900	7,500	6,400
	60.0	11,900	8,900	7,500	6,400
	65.0	12,200	8,900	7,500	6,400
12	-13.0	10,200	10,200	10,200	9,800
	-4.0	12,000	12,000	11,500	9,800
	5.0	13,600	13,600	11,500	9,800
	14.0	15,200	13,600	11,500	9,800
	23.0	15,700	13,600	11,500	9,800
	32.0	15,700	13,600	11,500	9,800
	37.4	15,700	13,600	11,500	9,800
	43.0	16,100	13,600	11,500	9,800
	46.0	16,600	13,600	11,500	9,800
	50.0	17,000	13,600	11,500	9,800
	55.0	17,700	13,600	11,500	9,800
	60.0	18,300	13,600	11,500	9,800
	65.0	18,800	13,600	11,500	9,800
15	-13.0	12,800	12,800	12,800	12,300
	-4.0	15,000	15,000	14,300	12,300
	5.0	17,100	17,100	14,300	12,300
	14.0	19,000	17,100	14,300	12,300
	23.0	19,600	17,100	14,300	12,300
	32.0	19,600	17,100	14,300	12,300
	37.4	19,600	17,100	14,300	12,300
	43.0	20,200	17,100	14,300	12,300
	46.0	20,700	17,100	14,300	12,300
	50.0	21,300	17,100	14,300	12,300
	55.0	22,100	17,100	14,300	12,300
	60.0	22,900	17,100	14,300	12,300
	65.0	23,500	17,100	14,300	12,300
18	-13.0	15,100	15,100	15,100	14,500
	-4.0	17,700	17,700	16,900	14,500
	5.0	20,100	20,100	16,900	14,500
	14.0	22,400	20,100	16,900	14,500
	23.0	23,200	20,100	16,900	14,500
	32.0	23,200	20,100	16,900	14,500
	37.4	23,200	20,100	16,900	14,500
	43.0	23,800	20,100	16,900	14,500
	46.0	24,500	20,100	16,900	14,500
	50.0	25,100	20,100	16,900	14,500
	55.0	26,100	20,100	16,900	14,500
	60.0	27,100	20,100	16,900	14,500
	65.0	27,700	20,100	16,900	14,500
24	-13.0	20,200	20,200	20,200	19,400
	-4.0	23,700	23,700	22,600	19,400
	5.0	27,000	27,000	22,600	19,400
	14.0	30,000	27,000	22,600	19,400
	23.0	31,000	27,000	22,600	19,400
	32.0	31,000	27,000	22,600	19,400
	37.4	31,000	27,000	22,600	19,400
	43.0	31,900	27,000	22,600	19,400
	46.0	32,700	27,000	22,600	19,400
	50.0	33,600	27,000	22,600	19,400
	55.0	34,900	27,000	22,600	19,400
	60.0	36,200	27,000	22,600	19,400
	65.0	37,100	27,000	22,600	19,400

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PKFY_NAMU-E_HC_USDB_PUHY-HP

SHC : Sensible Heat Capacity(BTU/h)

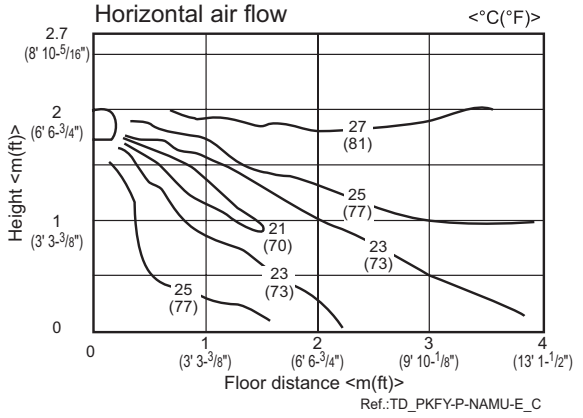
Model size	Outdoor air temp.	Indoor air temp.			
		59degF D.B.	70degF D.B.	77degF D.B.	81degF D.B.
	degF W.B.	SHC	SHC	SHC	SHC
30	-13.0	25,600	25,600	25,600	24,600
	-4.0	30,000	30,000	28,700	24,600
	5.0	34,100	34,100	28,700	24,600
	14.0	38,000	34,100	28,700	24,600
	23.0	39,300	34,100	28,700	24,600
	32.0	39,300	34,100	28,700	24,600
	37.4	39,300	34,100	28,700	24,600
	43.0	40,300	34,100	28,700	24,600
	46.0	41,400	34,100	28,700	24,600
	50.0	42,600	34,100	28,700	24,600
	55.0	44,200	34,100	28,700	24,600
	60.0	45,900	34,100	28,700	24,600
	65.0	47,000	34,100	28,700	24,600

kcal/h = kW x 860, BTU/h = kW x 3,412

Ref.: PKFY_NAMU-E_HC_USDB_PUHY-HP

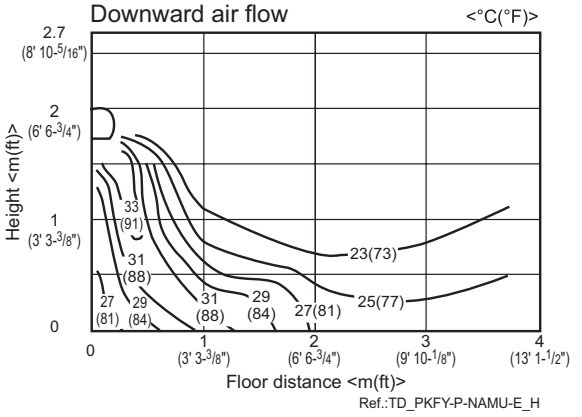
6-1. Temperature Distributions

PKFY-P06,08NAMU-E
<Cooling mode>
Horizontal air flow



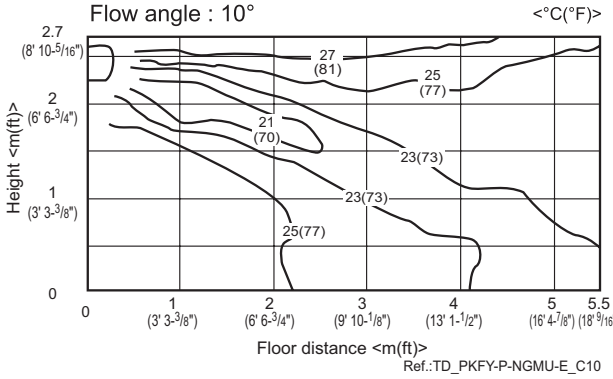
Ref.:TD_PKFY-P-NAMU-E_C

<Heating mode>
Downward air flow



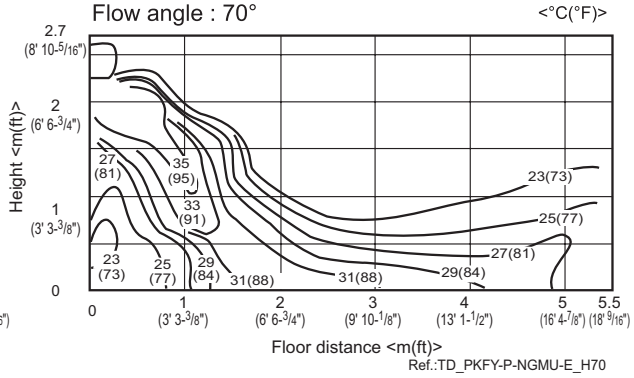
Ref.:TD_PKFY-P-NAMU-E_H

PKFY-P12,15NGMU-E
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Flow angle : 10°



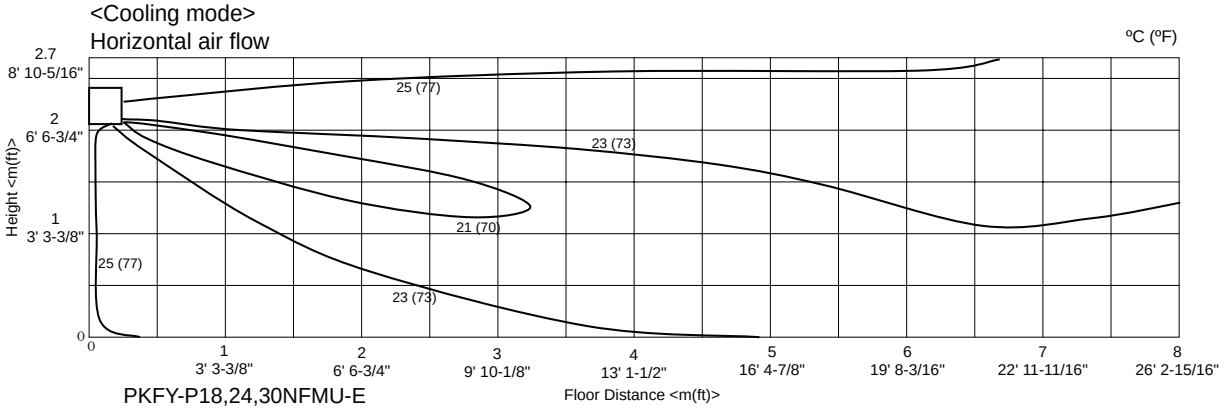
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<Heating mode>
Flow angle : 70°

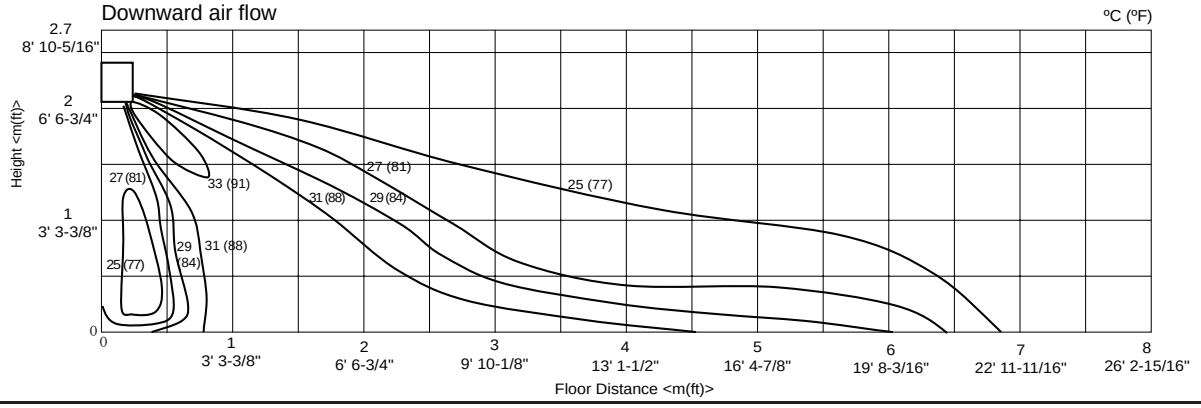


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PKFY-P18,24,30NFMU-E
<Cooling mode>
Horizontal air flow



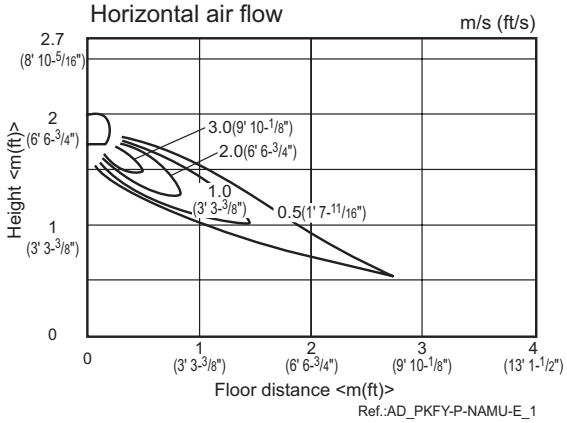
PKFY-P18,24,30NFMU-E
<Heating mode>
Downward air flow



PKFY-P-NAMU-E
PKFY-P-NGMU-E
PKFY-P-NFMU-E

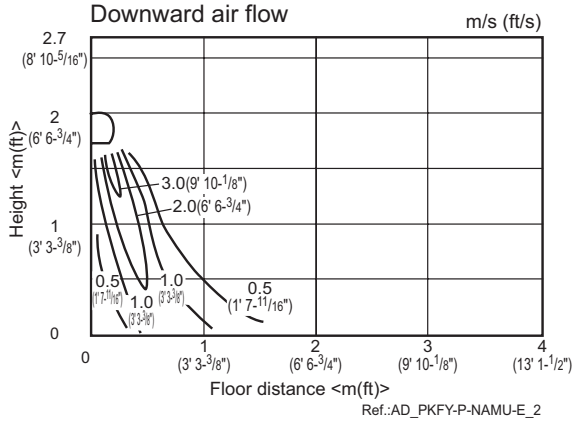
6-2. Airflow Distributions

PKFY-P06,08NAMU-E
<Fan mode>
Horizontal air flow



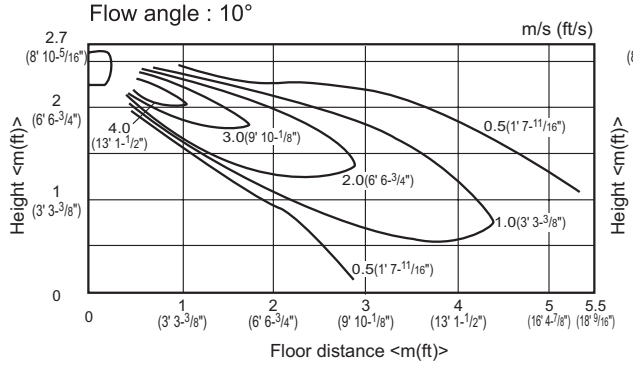
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<Fan mode>
Downward air flow



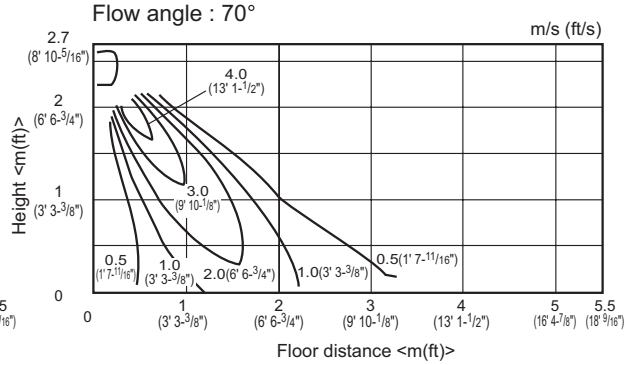
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PKFY-P12,15NGMU-E
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Flow angle : 10°



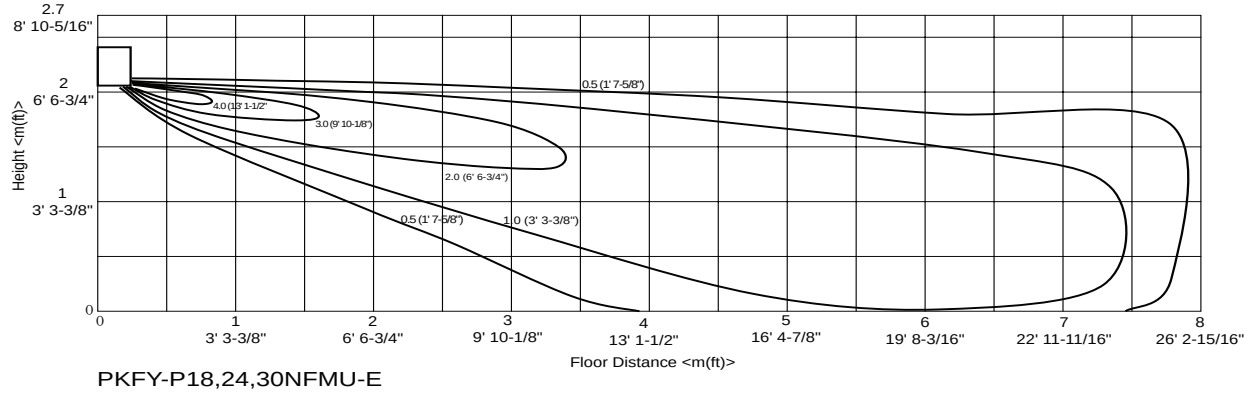
Ref.:AD_PKFY-P-NGMU-E_10

<Fan mode>
Flow angle : 70°

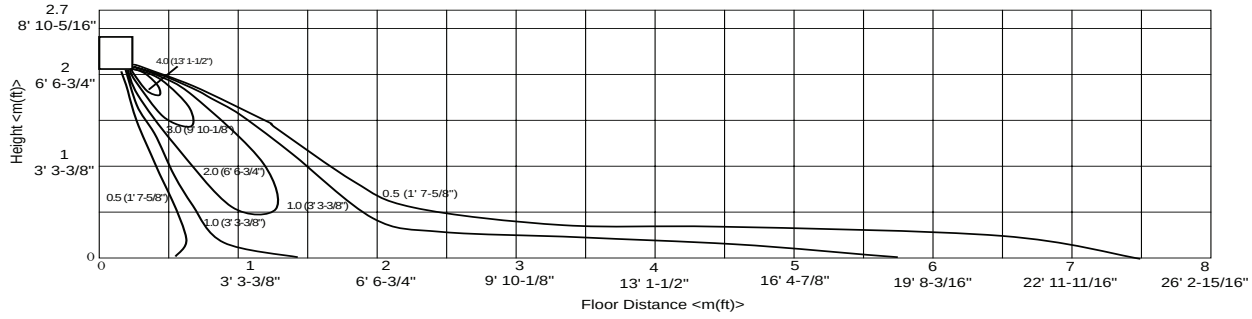


Ref.:AD_PKFY-P-NGMU-E_70

PKFY-P18,24,30NFMU-E
<Fan mode>
Horizontal air flow



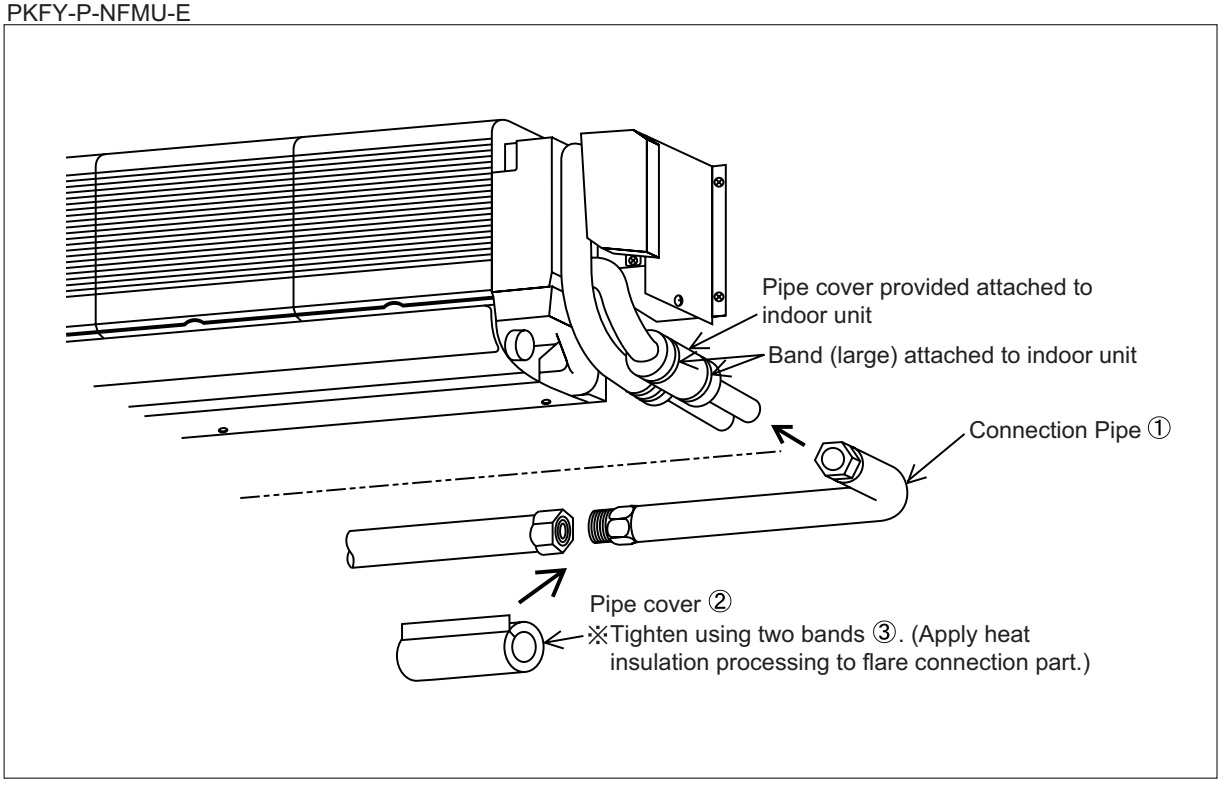
PKFY-P18,24,30NFMU-E
<Fan mode>
Downward air flow



7-1. Optional Parts Line Up for the Indoor Unit

	L-Shaped Connection Pipe(15.88)	Condensate pump	External heater adaptor
PKFY-P06,08NAMU-E	–	SI1730-230	–
PKFY-P12,15NGMU-E	–	SI1730-230	PAC-YU24HT-F
PKFY-P18,24,30NFMU-E	PAC-SC84PI-E	SI1730-230	PAC-YU24HT-F

PKFY-P-NFMU-E



7-2. L-shaped Connection Pipe PAC-SC84PI-E for PKFY-P-NFMU-E

This connection pipe is used when refrigerant pipe (gas pipe) is to be drawn out to the left, the left rear, the right, or the right rear on the wall type indoor unit.

Pipe diameter	Φ 5/8" (15.88mm)*
Number of pipes	1 (for gas)
Pipe material	Phosphate deocidized copper C1220T-OL (JIS H3300)
Heat insulator	EPT sponge rubber

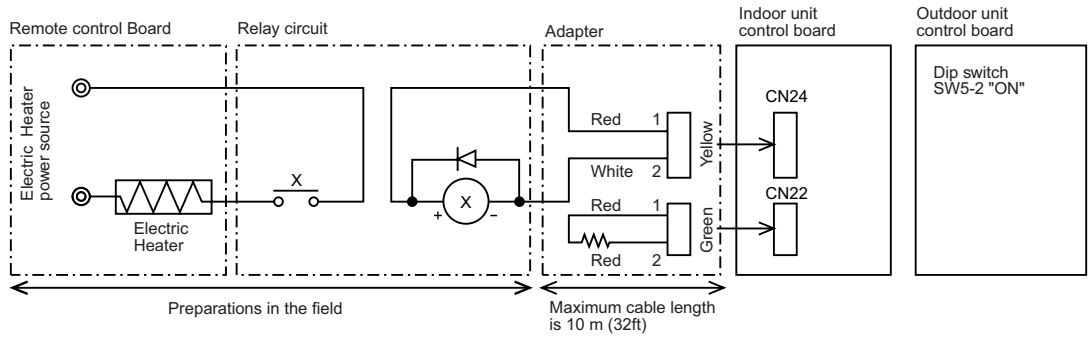
Item	①Connection Pipe (gas pipe)	② Pipe cover	③ Band
Quantity	1	1	2
Shape	PAC-SC84PI-E··· ϕ15.88 (5/8")		

Detailed installation information should be referred to in the Technical Service Manual.
* In order to use PAC-SC84PI-E with PKFY-P18, a pipe adjuster must be used (included in PKFY-P18 components).

7-3. External Heater Adapter PAC-YU24HT

External heater adapter PAC-YU24HT 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.

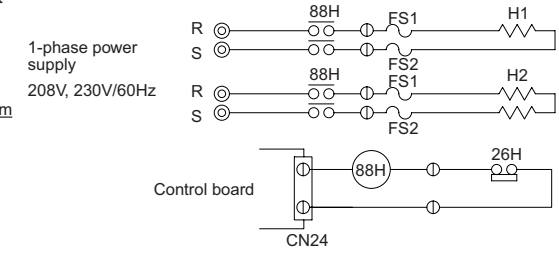
A basic connection method is shown as follows: (For details, refer to in the Installation Manual.)



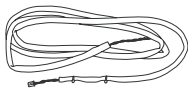
For relay X use the specifications given below Operation coil
Rated voltage : 12VDC
Power consumption : 0.9W or less
* Use the diode that is recommended by the relay manufacturer at both ends of the relay coil.
The length of the electrical wiring for the PAC-YU24HT is 2 meters (6-1/2 ft)
To extend this length, use sheathed 2-core cable.
Control cable type : CVV, CVS, CPEV or equivalent.
Cable size : 0.5 mm^2 ~ 1.25 mm^2 (16 to 22 AWG)
Don't extend the cable more than 10 meters (32ft)

Recommended circuit

Wiring diagram



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

Item	① External output cable	② Fan speed setting cable with resistance	
Quantity	2	2	
Shape			

Wiring details and Installation details should be referred to in the Installation Manual. (WT04645X02)