



# 2

# SPECIFICATIONS

## MODELS : PKH18/24/30/36FK

Model		PKH18FK	PKH24FK	PKH30FK	PKH36FK
Capacity	Cooling *1 Btu/h	18,000	24,000	30,000	34,200
	Heating *1 Btu/h	18,600[24,100/25,100]	25,000[30,500/31,500]	33,000[39,100/40,500]	38,000[44,100/45,500]
	Heating *2 Btu/h	10,700[16,200/17,200]	14,700[20,200/21,200]	19,000[25,100/26,500]	19,600[25,700/27,100]
Moisture removal	Pints/h	5.3	7.0	9.1	10.5
Power Consumption	Cooling *1 kW	1.79	2.36	3.12	3.44
	Heating *1 kW	1.56[3.16/3.46]	2.37[3.97/4.27]	3.02[4.82/5.22]	3.54[5.34/5.74]
	Heating *2 kW	1.34[2.94/3.24]	1.92[3.52/3.82]	2.48[4.28/4.68]	2.65[4.45/4.85]
EER	*1	10.1	10.2	9.6	9.9
SEER		11.1	10.2	10.6	10.5
HSPF		7.2	6.8	7.1	6.9
COP	*1	3.5	3.1	3.2	3.1
	*2	2.3	2.2	2.2	2.2
INDOOR UNIT MODELS		PKH18FK	PKH24FK	PKH30FK	PKH36FK
External finish		Munsell 3.4Y 7.7/0.8			
Power supply		V,phase,HZ 208/230,1,60			
Max.fuse size (time delay)		A 15	A 15	A 15	A 13
Min.ampacity		A 12	A 12	A 13	A 13
Fan motor		F.L.A. 0.5	F.L.A. 0.5	F.L.A. 0.6	F.L.A. 0.6
Booster heater		A(kW) 7.6/8.4[1.6/1.9]	A(kW) 7.6/8.4[1.6/1.9]	A(kW) 8.7/9.6[1.8/2.2]	A(kW) 8.7/9.6[1.8/2.2]
Airflow Hi-Lo	Dry	CFM 710-530	CFM 710-530	CFM 990-780	CFM 990-780
	Wet	CFM 640-480	CFM 640-480	CFM 890-700	CFM 890-700
Sound level Hi-Lo		dB(A) 43-35	dB(A) 43-35	dB(A) 46-41	dB(A) 46-41
Cond. drain connection OD		1	1	1	1
Dimensions	W	55-1/8		66-5/32	
	D	9-1/4			
	H	13-3/8			
Weight	in.	57	57	66	66
OUTDOOR UNIT MODELS		PUH18EK	PUH24EK	PHU30EK	PUH36EK
External finish		Munsell 5Y 7/1			
Power supply		208/230,1,60			
Max.fuse size (time delay)		V,phase,HZ 20	V,phase,HZ 20	V,phase,HZ 30	V,phase,HZ 30
Min.ampacity		A 16	A 16	A 20	A 22
Fan motor		A 0.75	A 0.65+0.65	A 0.75+0.75	A 0.75+0.75
Compressor	Model (type)	F.L.A. RH247NAB	F.L.A. NH33NBD	F.L.A. NH41NAD	F.L.A. NH47ND
		12	11.5	14.0	17.5
	R.L.A.	37	54	73	87
Crankcase heater		L.R.A. 0.11/0.12[23/28]	L.R.A. 0.16/0.17[33/39]	L.R.A. 0.16/0.17[33/39]	L.R.A. 0.16/0.17[33/39]
Refrigerant control		A(W) Capillary tube			
Defrost method		Reverse cycle			
Sound level		dB(A) 53	dB(A) 55	dB(A) 55	dB(A) 55
Dimensions	W	34-1/4		38-3/16	
	D	11-5/8			
	H	33-1/2	49-9/16	49-9/16	49-9/16
Weight	in.	131	202	245	246
REMOTE CONTROLLER		lb With indoor unit			
Control voltage (by built-in transformer)		Indoor unit-remote controller:DC12V. Indoor unit-outdoor unit:DC12V			
REFRIGERANT PIPING		Not supplied(optional parts)			
Pipe size	Liquid	3/8		1/2	
	Gas	5/8		3/4	
Connection method	Indoors	in. Flared			
	Outdoors	in. Flared			
Between the indoor & outdoor units	Height difference	ft 130	ft 164	ft 164	ft 164
	Piping length	ft 130	ft 164	ft 164	ft 164

NOTES : \*1.Rating conditions (cooling)-indoor : 80°FDB,67°F WB outdoor : 95°FDB,75°F WB.  
 (heating)-indoor : 70°FDB,60°F WB outdoor : 47°FDB,43°F WB.  
 \*2.Rating conditions (heating)-indoor : 70°FDB,60°F WB outdoor : 17°FDB,15°F WB.  
 \*3.Heating capacity and power consumption in [ ] includes heater operation at 208/230V.

### Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	95°FDB,71°F WB	115°FDB
	Minimum	67°FDB,57°F WB	0°FDB
Heating	Maximum	80°FDB,67°F WB	75°FDB,65°F WB
	Minimum	70°FDB,68°F WB	17°FDB,15°F WB

## 4.2. Outdoor Unit PUH18EK

Unit : mm



