

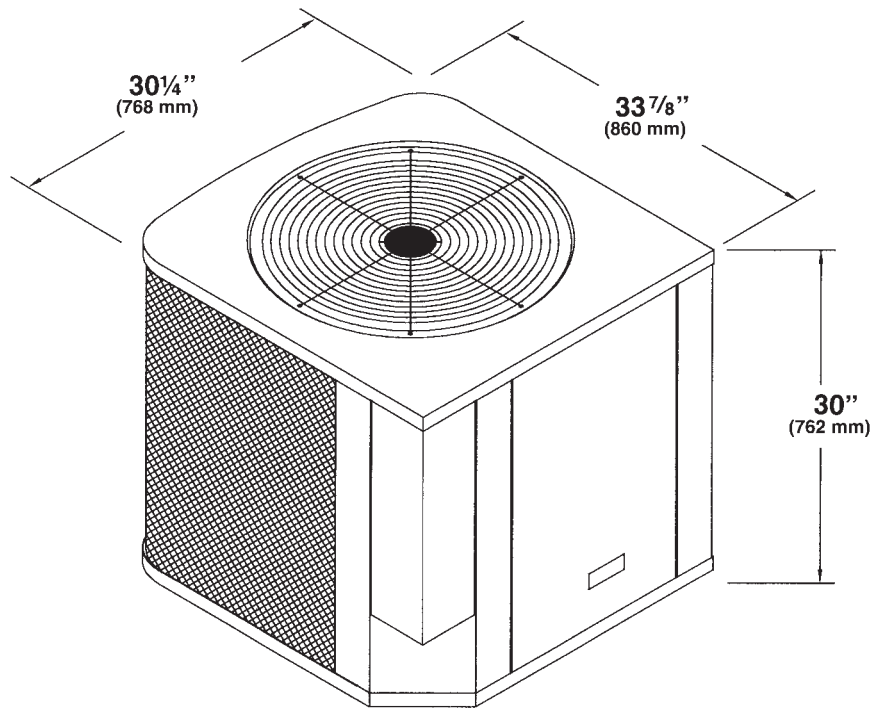
MODELS: PCH24/30/36/42EK

Item		Model	PCH24EK	PCH30EK	PCH36EK	PCH42EK
Capacity	Cooling * 1	Btu/h	24,000	30,000	35,400	42,000
	Heating * 1	Btu/h	27,000(32,500/33,500)	33,000(39,800/41,500)	38,000(45,900/47,600)	45,000(52,900/54,600)
	Heating * 2	Btu/h	18,400(23,900/24,900)	18,000(24,800/26,500)	19,600(27,500/29,200)	24,800(32,700/34,400)
Moisture removal		Pints/h	7.0	9.1	10.9	12.3
Power consumption	Cooling * 1	kW	2.46	3.06	3.53	4.37
	Heating * 1	kW	2.42(4.02/4.32)	3.13(5.13/5.63)	3.4(5.7/6.2)	4.3(6.6/7.1)
	Heating * 2	kW	2.1(3.7/4.0)	2.6(4.6/5.1)	2.7(5.0/5.5)	3.2(5.5/6.0)
EER		* 1	9.8	9.8	10.0	9.6
SEER			10.3	10.0	10.4	10.0
HSPF			7.1	7.1	7.4	7.3
COP		* 1	3.3	3.1	3.3	3.1
		* 2	2.6	2.4	2.1	2.3
INDOOR UNIT MODELS			PCH24EK	PCH30EK	PCH36EK	PCH42EK
External finish			Munsell 2.5Y 8/0.3 & N2			
Power supply		V, phase, Hz	208/230, 1,60			
Max. fuse size (time delay)		A	20	25	25	25
Min. ampacity		A	12	15	15	17
Fan motor		F.L.A.	0.7	0.7	1.3	1.3
Booster heater		A(kW)	7.6/8.4<1.6/1.9>	9.8/10.8<2.0/2.5>	10.8/12.0<2.3/2.8>	10.8/12.0<2.3/2.8>
Airflow Hi-Lo	Dry	CFM	920-740	920-740	1,270-990	1,270-990
	Wet	CFM	830-670	830-670	1,100-860	1,100-860
Sound level Hi-Lo		dB(A)	50-43	50-43	51-45	51-45
Cond. drain connection OD		in.	1	1	1	1
Dimensions	W	in.	50-7/16		62-1/4	
	D	in.	26-13/16			
	H	in.	10-1/8			
Weight		lb	101		119	
OUTDOOR UNIT MODELS			PUH24EK	PUH30EK	PUH36EK	PUH42EK
External finish			Munsell 5Y 7/1			
Power supply		V, phase, Hz	208/230, 1,60			
Max. fuse size (time delay)		A	20	30	30	40
Min. ampacity		A	16	20	22	27
Fan motor		F.L.A.	0.65+0.65	0.75+0.75	0.75+0.75	0.8+0.8
Compressor	Model (type)		NH33NBD	NH41NAD	NH47NAD	NH569NXA
	R.L.A.		11.5	14.0	17.5	20.0
	L.R.A.		54	73	87	105
Crankcase heater		A(W)	0.16/0.17<33/39>	0.16/0.17<33/39>	0.16/0.17<33/39>	0.16/0.17<33/39>
Refrigerant control			Capillary tube			
Defrost method			Reverse cycle			
Sound level		dB(A)	55	55	55	56
Dimensions	W	in.	34-1/4		38-3/16	
	D	in.	11-5/8		13-9/16	
	H	in.	49-9/16		49-9/16	
Weight		lb	202	245	246	268
REMOTE CONTROLLER			With indoor unit			
Control voltage (by built-in transformer)			Indoor unit-remote controller:DC12V. Indoor unit-outdoor unit:DC12V			
REFREGERANT PIPING			Not supplied(optional parts)			
Pipe size	Liquid	in.	3/8		1/2	
	Gas	in.	5/8		3/4 7/8	
Connection method	Indoors		Flared			
	Outdoors		Flared			
Between the indoor & outdoor units	Height difference	ft	164			
	Piping length	ft	164			

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

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	95°FDB, 71°FWB	115°FDB
	Minimum	67°FDB, 57°FWB	23°FDB
Heating	Maximum	80°FDB, 67°FWB	75°FDB, 65°FWB
	Minimum	70°FDB, 68°FWB	17°FDB, 15°FWB

5**DIMENSIONS & CLEARANCES**

Required clearances of 18 inches on all sides and above the unit. Comply with all local codes as necessary.