



Submittal Data Sheet: PTHP-12K-24B(45)

UNIT



PTHP-12K-24B(45)

ACCESSORIES

(Each Sold Separately)

- WALL SLEEVE
- STAMPED GRILLE
- ARCHITECTURAL GRILLE
- SUB BASE
- THERMOSTAT
- WIRELESS CONTROL
- MOTION CONTROL

Dimensions & Weight Indoor Unit		
Dimensions of Main Unit W x H x D	In.	42 x 16.0 x 21.5
Dimensions of Wall Sleeve W x H x D	In.	42 x 16 x 13.75"
Weight-Net	lbs.	110.2
Weight-Gross	lbs.	134.5
R410A Refrigerant Charge	lbs.	1.67

Job Name:		Tag #:	
Location		Date:	
Engineer:		Approval:	
Submitted to:		Unit #:	
Submitted by:		Drawing #:	
Reference		PO #:	

The HARMONY STANDARD features touch pad controls, a digital display, that provides precise climate control, so your guests can customize their comfort level. Two efficient direct-drive motors power an outdoor condensing cool fan, and a 3 speed cross-flow random pitch indoor blower engineered to deliver cooling and heating evenly throughout any room.

Models 208-230 / 1 / 60	PTHP-12K-24B(45)		
Cooling Capacity (Rated)	Btu/h	11800 / 12000	
Heating Capacity (Rated)	Btu/h	10500 / 10700	
Cooling Power Input	W	1120 / 1120	
Heating Power Input	W	990 / 1010	
Cooling Power Current	Amp	5.3 / 5.1	
Heating Power Current	Amp	4.7 / 4.5	
Rated Input (Without/With Ele. Heater)	W	1447 / 3000	
Rated Current (Without/With Ele. Heater)	Amp	7.87 / 14.4 - 13.0	
Rated Ele. Heater	KW	5	
MCA	Amp	28.5	
Recommended Circuit Breaker HVAC	Amp	30	
Air Flow Rate (H/M/L)	CFM	320 / 295 / 280	
Dehumidifying Volume	L/h	1.3	
EER	Btu/h.w	10.5 / 10.7	
COP	WW	3.1 / 3.1	
Reference Only-Good for Floor Space, of Mild Load, in Residential Applications	Sq. Ft	160-240	
Isolation		I	
Moisture Protection		IP24	
Allowed Maximum Operation Pressure-High Side	PSI	550	
Allowed Maximum Operation Pressure-Low Side	PSI	290	
Indoor Side	Fan Type	Cross-flow	
	Fan Wheel Dia. x Length	In.	4.8 x 27.8
	Fan Motor Speed(H/M/L)	RPM	1100 / 1000 / 920
	Output of Fan Motor	W	23
	Fan Motor RLA	Amp	0.36
	Fan Motor Capacitor	UF	1
	Input of Heater	W	2452 / 3000
	Evaporator Form		Aluminum Fin-Copper Tube
	Pipe Diameter	In.	9/32
	Row-FPI		3x 18
	Coil Length (WxHxD)	In.	27.5 x 9.53 x 1.5
	Fuse	Amp	3.15
	Sound Pressure Level (H/M/L)	dB (A)	53 / 52 / 51
	Sound Power Level (H/M/L)-	dB (A)	63 / 62 / 61
	Outdoor Side	Compressor Type	
L.R.A.		Amp	29.5
Compressor RLA		Amp	5
Compressor Power Input		W	1125
Overload Protector			B245-140K-141H
Metering Device			Capillary
Panel Continued		°F	61 - 86
Outdoor Ambient Temp (Cooling)		°F	55 - 115
Outdoor Ambient Temp (Heating)		°F	≤75
Condenser			Aluminum Fin-Copper Tube
Form Pipe Diameter		In.	7/32
Rows-FPI			3x 18
Coil Length (W x H x D)		In.	25.0 x 13.5 x 0.9
Fan Motor Speed		RPM	1370
Output of Fan Motor			65
Fan Motor RLA	Amp	0.67	
Fan Motor Capacitor	UF	2.5	
Fan Type		Axial-flow	
Fan Diameter	In.	13.75	
Sound Pressure Level (H/M/L)	dB (A)	63 / 61 / 59	
Sound Power Level (H/M/L)	dB (A)	73 / 71 / 59	



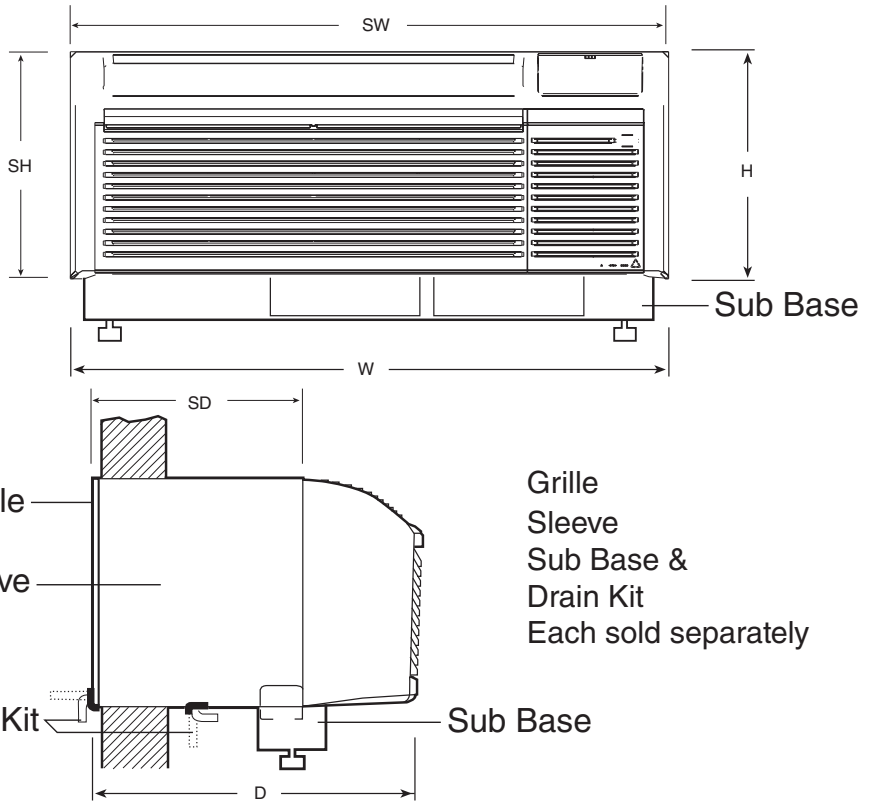
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Dimensions (inches)	
W	42"
H	16"
D	21 1/2"

SLEEVE

Dimensions (inches)	
SW	42"
SH	16"
SD	13 3/4"



FEATURES

- 208-230 / 1 / 60 power input
- 30 Amp LCDI Cord
- Quiet and efficient heating & cooling.
- Tactile Display shows set temperature & operating modes.
- Two motors quietly and powerfully distribute air evenly.
- Fresh Air damper allows selection of air source
- Dip Switches for easy configuration
- Preheating coil prevents cold air blowing at start up.
- Wide working ambient temperature ranges
- Fan blade design aides in evaporating condensate
- Stylish Design
- Impact resistant ABS cover
- Steel Frame with Powder Coated Components
- Fits a Standard PTAC Opening
- Built to UL/CSA/AHRI standards
- Easy installation and maintenance



Touch Pad Control with Digital Display



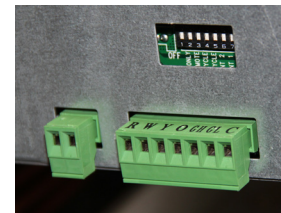
Main Control Board



Washable and Reusable Particulate Air Filter



Condensate Anti-freeze Drainage Valve



Energy Management & Thermostat Connections

YMGI Group

601 Arrow Ln, O'Fallon, Missouri 63366
 Phone: 1-866-833-3138
 Fax: 1-866-377-3355
 ymgigroup.com

Sales Representative or Distributor: