



Submittal Data Sheet: PTHP-15K-24D(45)

UNIT



PTHP-15K-24D(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.	119.0
Weight-Gross	lbs.	143.3
R410A Refrigerant Charge	lbs.	2.38

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 265-277 / 1 / 60	PTHP-15K-24D(45)	
Cooling Capacity (Rated)	Btu/h	14600 / 15000
Heating Capacity (Rated)	Btu/h	13800 / 13600
Cooling Power Input	W	1510 / 1530
Heating Power Input	W	1390 / 1370
Cooling Power Current	Amp	7.5 / 6.7
Heating Power Current	Amp	6.0 / 6.6
Rated Input (Without/With Ele. Heater)	W	2025 / 5000
Rated Current (Without/With Ele. Heater)	Amp	11.03 / 24.0 - 21.7
Rated Ele. Heater	KW	5
MCA	Amp	28.5
Recommended Circuit Breaker HVAC	Amp	30
Air Flow Rate (H/M/L)	CFM	350 / 320 / 300
Fresh Air Ventilation	CFM	up to 60
Dehumidifying Volume	Pints/day	76.0816
EER	Btu/h.w	9.7 / 9.8
COP	WW	2.9 / 2.9
Reference Only-Good for Floor Space, of Mild Load, in Residential Applications	Sq. Ft	210-310
Isolation		1
Moisture Protection		IP24
Allowed Maximum Operation Pressure-High Side	PSI	550
Allowed Maximum Operation Pressure-Low Side	PSI	290
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	4087 / 5000
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
Compressor Type		Rotary
L.R.A.	Amp	32.6
Compressor RLA	Amp	6.6
Compressor Power Input	W	1480
Overload Protector		B205-150-141C
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.	5/16
Rows-FPI		3 x 18
Coil Length (W x H x D)	In.	25.0 x 13.9 x 0.9
Fan Motor Speed	RPM	1370
Output of Fan Motor		65
Fan Motor RLA	Amp	0.77
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



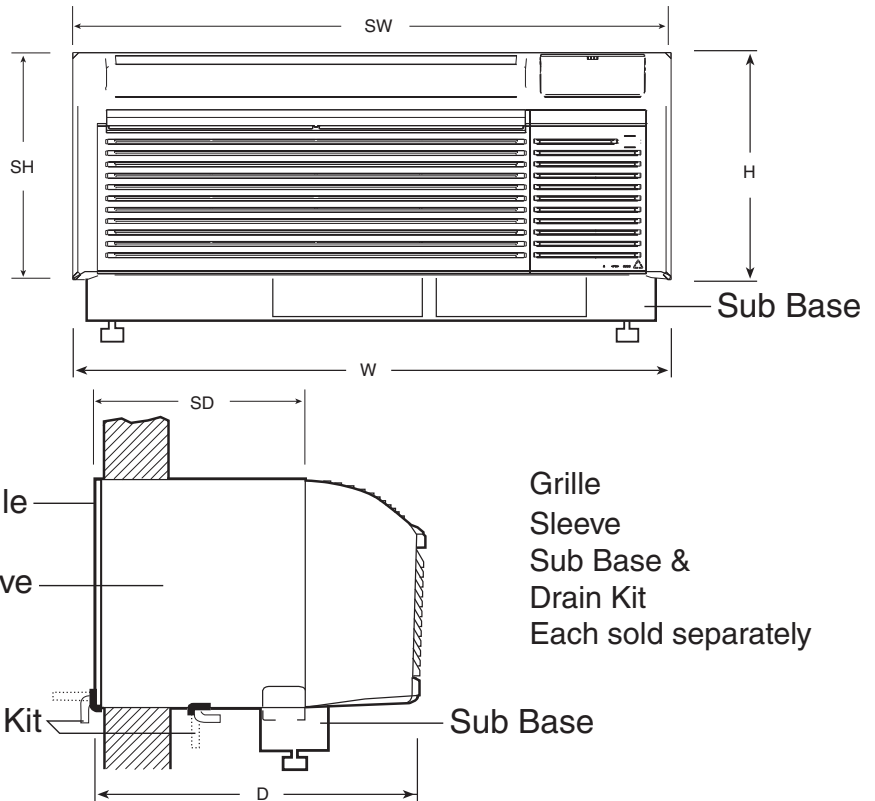
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UNIT

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



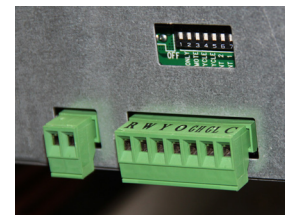
Main Control Board



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: