



Manufactured by United CoolAir Corporation

# PACH5N Narrow 5 Ton Compact Horizontal

- Temporary Cooling Only
- Cooling & Heating
- Dehumidification (Re-Heat)
- Heat Pump



## Horizontal Cooling Only, Cooling / Heating / Dehumidification

Designed to fit through a standard 36" door opening, the PACH5N allows for increased tonnage and static pressure in places never thought obtainable with a 5-ton unit. The PACH5N delivers over 2,000 CFM at 1.5" on Evaporator, 1.0" on Condenser of External Static Pressure on both the evaporator and condenser allowing longer duct runs. The PACH5N was designed with the rental/temporary industry in mind with 8" Casters for easy mobility on any job site. The Low profile design provides easy maneuverability. As with all UCA portable products, the PACH5N is rated for both indoor and outdoor applications.

Unique Solutions for All-Indoor/Outdoor HVAC Projects

# PACH5N/PHP5N Narrow Portable Unit

## Standard Features

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|---|---|--|
| <ul style="list-style-type: none"> <li>• Air-Cooled 5 Ton</li> <li>• 208/230-1-60 Power Supply</li> <li>• Refrigerant R-410a</li> <li>• Powder Coated HD Steel Cabinet</li> <li>• 14" Removable Duct Collars (1 supply 1 return)</li> <li>• 8" Swivel Casters with brakes</li> <li>• Condenser Coil Guards</li> <li>• Ductable Condenser Discharge</li> </ul> | <ul style="list-style-type: none"> <li>• Stainless Steel Drain Pan with threaded Drain Conn (side)</li> <li>• Condensate P-Trap</li> <li>• SS Duct Collar Protection Bar</li> <li>• Slotted Quarter-Turn Access Panel Latches</li> <li>• Insulated Evaporator Section Thermal / Acoustic</li> <li>• 2" MERV 8 Pleated Disposable Filters</li> <li>• Single Scroll Compressor</li> </ul> | <ul style="list-style-type: none"> <li>• Liquid Line Filter Drier</li> <li>• Liquid Receiver Tank</li> <li>• Main Circuit Breaker w/ cover</li> <li>• Thermostat (Analog)</li> <li>• Belt Drive Blowers for Static Capability</li> <li>• Basic Phase / Voltage Protection</li> <li>• High / Low Pressure Controls</li> <li>• Remote Thermostat Capability</li> <li>• Refrigerant Line Vibration Absorbers</li> </ul> |
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## Optional Features

- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>• 10 kW Electric Heat (Single Stage)</li> <li>• 15 kW Electric Heat (Single Stage)</li> <li>• 208/230 or 460V-3-60 Power Supply</li> <li>• Flooded Condenser</li> <li>• Four-way Fork Lift Pod</li> </ul> | <ul style="list-style-type: none"> <li>• Condensate Pump External with Bracket</li> <li>• Remote Thermostat with 25' Cable</li> <li>• Hot gas bypass</li> <li>• CAMLOCK Power in Connection</li> <li>• Hour Meter</li> </ul> | <ul style="list-style-type: none"> <li>• Voltage Meter with Lexan Cover</li> <li>• Lockable Control Panel Cover-Keyed</li> <li>• Dehumidification Mode (Consult Factory)</li> </ul> |
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## Technical Data

		PACH5N	PHP5N (Heat Pump)
Total Capacity (80/67 °F Entering Air DB/WB)	BTUH	57,100	57,100
Sensible Capacity (80/67 °F Entering Air DB/WB)	BTUH	41,200	41,200
Cooling Operating Range [1]		65°F to +115°F	65°F to +115°F
CFM @ 1.5" ESP	CFM	2,000	2,000
Filter	Size	24 x 24 x 2	24 x 24 x 2
208/230-1-60	FLA	48.1	48.1
	MCA	55.6	55.6
	kW[2]	10.2	10.2
208/230-3-60	FLA	31.5	31.5
	MCA	36.6	36.6
	kW[2]	10.5	10.5
460-3-60	FLA	14.8	14.8
	MCA	17.2	17.2
	kW[2]	11.0	11.0
Available Electric Heat		10 kW (1 Phase) / 15 kW (3-Phase)	10 kW (1 Phase) / 15 kW (3-Phase)
208/230-1-60 10 kW	FLA	56.1	96.2
	MCA	70.1	115.7
	kW [2]	11.7	19.3
208/230-3-60 15 kW	FLA	46.9	73.2
	MCA	58.6	88.7
	kW [2]	16.9	25.6
460-3-60 15 kW	FLA	21.4	33.7
	MCA	26.7	40.8
	kW [2]	17.0	26.0
Unit Dimensions	Inches	29.50" L x 54.50" W x 67.00" H	29.50" L x 54.50" W x 67.00" H
Net Unit Weight	Lbs.	690 kW [3]	690 kW [3]

- [1] flooded condenser needed below 65°F  
 [2] kW at 0.8 Power Factor and 208 or 460 Volts  
 [3] Electric heat adds approximately 25 lbs.



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