



Manufactured by United CoolAir Corporation

PACH12 Narrow 12 Ton Compact Horizontal

- Temporary Cooling
- Cooling & Heating
- Microchannel coil
- Onboard condensate pump
- ECM fans
- 32" wide (Indoor/outdoor)



Horizontal Cooling / Heating

The PACH12N allows for increased tonnage and static pressure in places never thought obtainable with a 12-ton unit. With over 4,000 CFM at 1.5" on Evaporator and 1.0" on Condenser of External Static Pressure, it allows longer duct runs. Specifically designed for the rental/temporary industry, the low profile design provides easy maneuverability and fits through a standard 36" doorway. As with all UCA portable products, the PACH12N is rated for both indoor/outdoor applications and includes 8" casters for easy mobility.

Unique Solutions for All-Indoor/Outdoor HVAC Projects

PACH12N/PHP12N Narrow Portable Unit

Standard Features

- Air-Cooled 12 Ton
- 208/230-3-60 Power Supply
- Refrigerant R-410a
- Powder Coated HD Steel Cabinet
- 12" Removable Duct Collars
- 8" Swivel Casters with brakes
- Condenser Coil Guards
- Ductable Condenser Discharge
- Stainless Steel Drain Pan with threaded Drain Conn (side)
- Condensate P-Trap
- SS Duct Collar Protection Bar
- Slotted Quarter-Turn Access Panel Latches
- Insulated Evaporator Section Thermal / Acoustic
- 2" MERV 8 Pleated Disposable Filters
- Single Scroll Compressor
- Liquid Line Filter Drier
- Liquid Receiver Tank
- Main Circuit Breaker w/ cover
- Thermostat (Analog)
- Basic Phase / Voltage Protection
- High / Low Pressure Controls
- Remote Thermostat Capability
- Refrigerant Line Vibration Absorbers

Technical Data

		PACH12N *ASTA[KW]	
Total Capacity [1]		144,000	
Sensible Capacity [1]	BTUH	103,000	
Cooling Operating Range [8]		-20°F - 115°F	
Refrigerant Type		R-410a	
Compressor Type (Qty)		Scroll (1)	
Filter	Type	2" MERV 8 Pleated	
	Size	25 X 25 X 2	
	Qty	2	
Evaporator Coil Face Area	Sq. Ft.	7.9	
	Evaporator Coil Rows Deep	4	
Evaporator	CFM	4,400	
	ESP	1.5	
	kW (Qty)	2.9 (2)	
Condenser Coil Face Area	Sq. Ft.	9.25	
	Condenser Coil Rows Deep	1	
Condenser	CFM	4,500	
	ESP	1.00	
Condenser Air Movement Type		DIRECT DRIVE	
Condenser Motor kW (Qty)		3.0 (1)	
Unit Electrical Data			
		Cooling Only	
208/230-3-60	FLA	61.1	
	MCA	69.4	
	kW [3]	21.2	
460-3-60	FLA	32.6	
	MCA	37.1	
	kW [4]	23.6	
		Heating Only (OPTIONAL)	
Available Electric Heat	kW / Stages	30 / 2	45 / 2
	FLA	58.2	97.5
208/230-3-60 [6]	MCA	72.7	121.9
	kW [3]	21	36
	FLA	28.6	47.5
460-3-60 [7]	MCA	35.8	59.3
	kW [4]	21	36
	Unit Dimensions [9]	Inches	75.5" L x 34" W x 67.75" H
Approximate Net Unit Weight	Lbs.	1250 [5]	

Optional Features

- 30 kW Electric Heat
- 45 kW Electric Heat
- 208/230 or 460V-3-60 Power Supply
- Flooded Condenser Standard
- Four-way Fork Lift Pod
- Remote Thermostat with 25' Cable
- Hot gas bypass Standard
- CAMLOCK Power in Connection Standard
- Hour Meter
- Voltage Meter with Lexan Cover
- Lockable Control Panel Cover-Keyed

[1] Entering Air 95o F DB / 78o F WB with 95o F Outdoor Ambient

[2] Voltage Codes (*): 2 = 208/230-3-60 and 4 = 460-3-60

[3] kW at 0.8 Power Factor and 220 Volts

[4] kW at 0.8 Power Factor and 460 Volts

[5] Does not include options.

[6] Electric heater FLA listed at 220 volts.

[7] Electric heater FLA listed at 460 volts.

[8] With flooded condenser.

[9] See CA12897 for dimensional details.



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