

Portable Horizontal Air Conditioner

PACH15 - 15 Tons

Compact, Portable Air Conditioners for Commercial and Industrial Applications

The PACH15 portable horizontal air conditioning units have a low-profile design for mobility and minimal space requirements. The units can be configured for cooling only or cooling/heating. Mobility features are the easy-roll casters or the integral fork lift pod.

All United CoolAir portable horizontal air conditioners are fabricated with the rugged features necessary to provide dependable temporary cooling or heating under harsh conditions. Contact factory for units available for ambient temperatures up to 130°F as well as wind-blown sand and sea coast environments.



System Features

- Terminal Block Power Connection
- Propeller Condenser Fan (Free Blow, Top Discharge)
- Aluminum Cabinet
- Riveted Cabinet Construction
- Return Air Thermostat (located in main control panel with manual Off/Fan/Cool switch)
- Duct Collars (2) 14" supply
(2) 16" return
- 8" Casters (swivel and lockable)
- 1/2" Thermal/Acoustic Insulated Evaporator Section
- Stainless Steel Drain Pan
- Stainless Steel Condensate Trap
- Threaded Drain Connections (each side)
- Dual Scroll Compressors
- Refrigerant Line Vibration Absorbers
- High and Low Pressure Controls
- Aluminum Fin/Copper tube coils
- Dual Belt-Drive Evaporator Blowers
- R-410a Refrigerant
- Circuit Breaker
- Basic Phase Protection
- Fork Lift Pod
- Powder-Coated Cabinet (white)
- Condenser Coil Guard
- 2", 30% Pleated Throw-Away Filters
- Hot Gas Bypass (each circuit)
- Sight Glasses with Moisture Indication
- Filter Driers
- Schrader Access Valve Fittings

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OPTIONS

- 30 or 45 kW Electric Heat
- Flood Condenser (-30°F)
- Condensate Pump (external)
- 460-volt Power Supply
- Hour Meter
- 1/4-Turn Access Panel Latches
- Ducted Condenser
- Remote Thermostat
- Cam-Lock Color-Coded Power In/Out Connections
- Dual 16" Supply Duct Collar
- Higher ESP Motor

TECHNICAL DATA

PACH15G*A(410)

Total Capacity [1]	BTUH	183,700	
Sensible Capacity [1]	BTUH	124,600	
Cooling Operating Range [8]		65°F - 115°F	
Refrigerant Type		R-410a	
Compressor Type (Qty)		Scroll (2)	
Filter	Type:	2", 30% Pleated Throw-Away	
	Size:	18 x 18 x 2	
	Qty:	4	
Evaporator Coil Face Area	Sq. Ft.	9	
Evaporator Coil Rows Deep		4	
Evaporator	CFM	5,000	
	ESP	1.0"	
	HP	5	
Condenser Coil Face Area	Sq. Ft.	19.6	
Condenser Coil Rows Deep		4	
Condenser	CFM	8,000	
Condenser Air Movement Type		Direct-Drive Prop	
Condenser Motor HP		5	
208/230-3-60	FLA	93.8	
	MCA	102	
	kW [3]	29.4	
460-3-60	FLA	47	
	MCA	51.1	
	kW [4]	32.5	
Heater Type		Open Wire Heating Only	
Available Electric Heat	kW / Stages	30 kW / 2	45 kW / 3
208/230-3-60 [6]	FLA	97.27	136.8
	MCA	121.58	171
	kW [3]	32	47
460-3-60 [7]	FLA	44.6	63.48
	MCA	55.8	79.35
	kW [4]	32	47
Unit Dimensions	Inches	43" W x 69-5/8" H x 84" L	
Net Unit Weight	Lbs.	1,600 [5]	

[1] Entering air 80°F DB / 67°F WB with 95°F outdoor ambient

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

[3] kW at 0.8 power factor and 208 volts

[4] kW at 0.8 power factor and 460 volts

[5] Includes electric heat

[6] Electric heat FLA listed at 208 volts

[7] Electric heat FLA listed at 460 volts

[8] Operating range can be extended by adding a low ambient option



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