



Manufactured by United CoolAir Corporation

MACH145

12 Ton Compact Horizontal

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



Horizontal Cooling Only, Cooling / Heating / Dehumidification

Designed to fit through a standard 36" door opening, the MACH145 allows for increased tonnage and static pressure in places never thought obtainable with a 12 ton unit. The MACH145 delivers over 4,000 CFM at 1.5" of External Static Pressure on both the evaporator and condenser allowing longer duct runs. Designed with the rental/temporary industry in mind, the MACH145 comes with a standard 4-way forklift pod and 8" Casters for easy mobility on any job site. As with all UCA portable products, the MACH145 is rated for both indoor and outdoor applications.

Unique Solutions for All-Indoor/Outdoor HVAC Projects

MACH145 Portable Unit

Standard Features

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| <ul style="list-style-type: none"> • Air-Cooled 12 Ton • 208/230-3-60 Power Supply • Refrigerant R-410a • Powder Coated HD Steel Cabinet • 14" Removable Duct Collars (2 supply 2 return) • 18" Removable Duct Collars (Condenser Air IN and OUT) • 8" Swivel Casters with brakes • Four-way Fork Lift Pod • Condenser Coil Guards | <ul style="list-style-type: none"> • Stainless Steel Drain Pan with threaded Drain Conn (Rear) • Condensate P-Trap • SS Duct Collar Protection Bar • Slotted Quarter-Turn Access Panel Latches • Insulated Evaporator Section Thermal / Acoustic • 2" MERV 8 Pleated Throw Away Filters • Single Scroll Compressor • Hot Gas Bypass • Refrigerant Line Vibration Absorbers | <ul style="list-style-type: none"> • Liquid Line Filter Drier • Liquid Receiver Tank • Main Circuit Breaker w/ cover • CAMLOCK Power in Connectors • Digital Thermostat NEMA 4 • Evaporator Motorized Impeller • Condenser Motorized Impeller • Basic Phase / Voltage Protection • High / Low Pressure Controls • Hour Meter • Remote Thermostat Capability |
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Optional Features

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| <ul style="list-style-type: none"> • 15 kW Electric Heat (Single Stage) • 30 kW Electric Heat (Two Stage) • 460V-3-60 Power Supply • Flooded Condenser | <ul style="list-style-type: none"> • Condensate Pump External with Bracket • Remote Thermostat with 50' Cable & Mating Plug | <ul style="list-style-type: none"> • Voltage Meter with Lexan Cover • Lockable Control Panel Cover-Keyed • Dehumidification Mode |
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Technical Data

		MACH145	
Total Capacity (95/78 °F Entering Air DB/WB)	Tons	12	
Sensible Capacity (95/78 °F Entering Air DB/WB)	BTUH	90,000	
Cooling Operating Range [1]		-30°F to +115°F	
CFM @ 1.5" ESP	CFM	4,000	
Filter	Size	15" x 20" x 2" (2 ea) / 12" x 20" x 2" (2 ea)	
208/230-3-60	FLA	51.3	
	MCA	59.6	
	kW	14.8	
460-3-60	FLA	25.9	
	MCA	30.4	
	kW	16.5	
Available Electric Heat	kW / Stages	15 kW/1	30 kW/2
208/230-3-60	FLA	54.6	106.7
	MCA	68.3	133.4
	kW	19.7	38.4
460-3-60	FLA	31.6	53.6
	MCA	39.5	67
	kW	25.17	42.7
Unit Dimensions	Inches	78.00" L x 34.50" W x 71.00" H	
Net Unit Weight	Lbs.	1500	

[1] flooded condenser needed below 65°F



Scan to learn more about all of our products!



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