



**RENTAL
SYSTEMS**



Unit Arrangement - Dimensions are Approximate

30-Ton Horizontal Air Conditioner

General Description and Features

- Ready for operation with minimal setup
- Complete electrical controls
- Single point power connection
- Can "daisy-chain" up to 4 units with 4/0 cables
- Forkliftable
- Hot gas bypass included
- Cooling Mode Only
- Cleanable Metal Air Filters Included

Mechanical Data

Design Air Flow	11,000 cfm @ 1.5" ESP
Supply Air Duct	(3) 20" collars
Return Air Duct	(3) 20" collars
Cleanable Filters	16.785" x 27.875"
Circuits / Compressors	2 / 2
Refrigerant	R-410a
Refrigerant Charge	18.5 lbs / 18.5 lbs
Oil Type	POE Oil
Oil Charge	227 oz. / 227 oz.

Equipment Data

Model(s)	PACH30G4ATA
-----------------	-------------

Shipping Data

Shipping Weight	4,200 lbs
Dimensions	8'-3" L x 7'-7" W x 7' H
Leveling Required	Within 1" per 8 ft.
Installed Clearances	6' (condenser), 4' (elec)

Electrical Data (Single Disconnect)

Voltage	460 V / 3 phase / 60 hertz
Disconnect Size	100 amps MOCB
Connection	Equal to Leviton Series 16
Cables	1/0 - (1) Set, (1) Ground
FLA / MCA Cooling	81.1 / 88.2 amps

30-Ton Horizontal Air Conditioner

Performance Data

Cooling Air	11,000 cfm
	Inlet 80°F DB / 67 F WB
	363 MBH Total / 260 MBH Sensible
	Outlet 58.6F Dry Bulb, 56.5F Wet Bulb

A minimum of one piece of discharge ductwork must be connected to each outlet to avoid fan motor overamping

Unit can operate at 100% Outdoor air up to, but not exceeding, 72F Wet Bulb entering air temperature.

Contact Engineering for alternate capacities and configurations.

Removable bus-bar between power inlet & power outlet panel mounts for deactivating power outlets