



Air Cooled Portable Air Conditioners

Designed for portability and convenience, Schaefer Portable Air Conditioners roll easily from the shop floor to indoor office areas and set up in minutes. The Schaefer air-cooled portable air conditioner line consists of six models, from 12,000-77,500 BTU/hr. (1-6 tons).

- **Cools Quietly.** Cools quietly at office-acceptable sound levels without significant addition to background noise. Ideal for supplemental or temporary cooling in equipment rooms, plant floors or field offices. Featuring backward-inclined plenum evaporator and condenser fans, it operates at the lowest decibel level for portable air conditioners.
- **Cools Effectively.** Delivers full performance at a wide range of ambient temperature and humidity levels. A thermostatic-expansion valve (not found in other portable air conditioners) automatically adjusts to the environment, allowing the units to operate under more extreme conditions at lower cost and with less freeze-up.
- **Cools Efficiently.** Schaefer's portable air conditioners cost less to operate because they draw the least amount of power on a per-ton of cooling basis compared to other portable air conditioners.

Just plug in and cool - no special electrical requirements are needed. Most Schaefer portable air conditioner models are single phase (460V 3-phase option on the PAC-TZ60AB460).



Built Tough for Rental and Industrial Applications.

Durable, rugged design. Minimum maintenance required. Extremely long component life.



Distributed By:



sales@schaeferfan.com • www.schaeferfan.com

1.800.779.3267

©2010 Schaefer Ventilation Equipment 7/2010



Air Cooled Portable Air Conditioners

Plug Configurations



SPECIFICATIONS	PAC-TZ12B	PAC-TZ18B	PAC-TZ24AB	PAC-TZ36AB	PAC-TZ60AB230	PAC-TZ60AB460
Cooling Capacity BTU/ HR ¹	11,900	17,300	28,300	41,000	76,500	77,500
Power Supply² Volts/Phase/Hz/Amps	115/1/60/15	115/1/60/15	208-230/1/60/20	208-230/1/60/30	208-230/1/60/60	460/3/60/20
Thermostat Control	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Total Power Consumption (kW)	1.4	1.4	3.0	4.5	8.9	9.7
Current Consumption (Amps)	11.9	12.0	13.2	19.7	38.7	12.2
Recommended Circuit Amps	15.0	15.0	20.0	30.0	60.0	20.0
NEMA Plug Type	5-15P	5-15P	6-20P	6-30P	Wired	Wired
Evaporator CFM, Free Discharge	350	500	750	1,200	2,300	2,300
Condenser CFM	500	1,000	1,000	1,500	3,900	3,900
Maximum ESP in WC	.10	.10	.10	.10	.50	.50
Maximum Duct Length (Ft.)	40	40	40	40	40	40
Operating Limits (min-max) °F	65-105	65-110	65-105	65-105	65-110	65-110
Sound Level (dB)	57	61	63	67	71	71
L x W x H (Inches)	28 x 19 x 38	28 x 22 x 46	29 x 28 x 41	30 x 28 x 51	42 x 30 x 70	42 x 30 x 70
Weight, Net Wt/Shipping Wt (Lbs)	163/205	221/279	251/305	336/395	650/685	650/685

ACCESSORIES	PAC-TZ12B	PAC-TZ18B	PAC-TZ24AB	PAC-TZ36AB	PAC-TZ60AB230	PAC-TZ60AB460
-------------	-----------	-----------	------------	------------	---------------	---------------

Nozzle Kit optimizes the ability to direct cool air precisely where needed. **Ceiling discharge kit** allows condenser-air to be vented to the plenum area above a suspended ceiling. **Condenser return-air-plenum** allows supply-air to be ducted to the condenser coil. **Evaporator return-air-plenum** allows supply-air to be ducted to the evaporator coil. **Supply-duct adapter** allows user to connect duct work to unit's cold-air discharge. **Condensate pump kit** automatically removes evaporator-coil condensation allowing continuous operation.

Nozzle Kit	PAC-NK1	PAC-NK2	PAC-NK2	PAC-NK2	PAC-NK3	PAC-NK3
Exhaust Duct	PAC-ED10	PAC-ED14	PAC-ED14	PAC-ED14	PAC-ED20	PAC-ED20
Ceiling Discharge Kit	PAC-CK1 (10")	PAC-CK3 (14")L	PAC-CK3 (14")	PAC-CK3 (14")	PAC-CK4 (20")	PAC-CK4 (20")
Condensate Pump	PAC-PC1	PAC-PC1	PAC-PC2	PAC-PC2	PAC-PC2	PAC-PC2
Condenser Return-Air Plenum	PAC-CP1B (10")	PAC-CP2B (14")	PAC-CP2 (14")	PAC-CP3 (14")	PAC-CP4 (20")	PAC-CP4 (20")
Evaporator Return-Air Plenum	PAC-EP1B (10")	PAC-CP2B (14")	PAC-EP2 (14")	PAC-EP3 (14")	PAC-EP4 (20")	PAC-EP4 (20")
Cold-Air Supply Duct Adapter	PAC-DA6B	PAC-DA10B	PAC-DA10	PAC-DA10	PAC-DA14	PAC-DA14
Programmable Thermostat	PAC-PT1B	PAC-PT1B	PAC-PT1	PAC-PT1	PAC-PT1	PAC-PT1
Condenser Screen	PAC-CS1B	PAC-CS2B	PAC-CS2	PAC-CS3	PAC-CS4	PAC-CS4
14-60P Plug Kit W/6' Cord					PAC-CD60	
16-20P Plug Kit W/6' Cord						PAC-CD20

1. Rating Conditions: 95°F at 60% RH. 2. Electrical Ratings based on UL484. **All specifications are subject to change without notice.**