

COCKPIT COOLERS - LICENSE PLATE FRAMES

COCKPIT COOLERS

Heat getting you down? Have you been wishing there were a way to efficiently and quickly cool your airplane's cabin? If you answered "yes" to either of those questions, then you need the Cockpit Cooler to make your trips comfortable!



MODEL AP - 100 14V/28V

For the cooling process, the unit creates ice-chilled air, followed by evaporated water, drawn through a saturated media filter. The high-volume, high-velocity air is drawn in through and around the ice. As the ice melts, it absorbs heat and creates chilled water. The chilled water evaporates and absorbs heat further. The cool air is circulated in the cabin by the high-volume blower at 250 cfm.

- * The model is small. It cools with a high-volume blower at 250 cfm.
- * 7.5" by 16.5" by 18.5" and is a mere 9.5lbs
- * Provides plenty of cool time for most general aviation aircraft at taxi, takeoff and landing.
- * In arid climates, there was a measured drop of nearly 18 degrees inside the cabin.
- * Being so small, there is still plenty of cargo space and useful load.

MODEL AP - 200 14V/28V

The model AP 200 utilizes the same ice chilled refrigerated air conditioning system as used in many commercial buildings, only on a micro scale. Stored coolant pumps through a high efficiency heat exchanger. A high-volume blower moves air throughout the cabin. Condensation of moisture from cabin air on the exchanger coils is retained in the unit reservoir. This unit reduces moisture levels since it relies on refrigerated air conditioning instead of evaporative cooling.

- * The model cools with a high-volume blower at 250 cfm for a comfortable dry chilled flow.
- * 7.5" by 16.5" by 18.5" and is a mere 10.2lbs
- * Provides even more cool air time than Model 100 due to its more efficient use of air conditioning
- * A larger reservoir may be purchased to increase cooling time by several hours.
- * Being so small, there is still plenty of cargo space and useful load.

Description	Part No.	Price
COCKPIT COOLER AP-100 14V	13-05784	.
COCKPIT COOLER AP-100 28V	13-05784-1	.
COCKPIT COOLER AP-200 14V	13-05785	.
COCKPIT COOLER AP-200 28V	13-05785-1	.

POL-AIR B310 PORTABLE AIR CHILLER SYSTEM



Four years of research by Pol-Air has resulted in the patented proprietary turbine pump for the B310 and is the heart of the new technology. This pump is powered by an ultra-efficient high speed DC brushless motor and can produce up to 3.5 inches of water pressure at 14.3 CFM in the 12vDC units, and 4.5 inches of water pressure at 20.5 CFM in the 24vDC units. This pressure delivers cool dry airflow through 1.25" diameter featherweight EPE hoses

to the front edge of passenger seats or directly under your shirt, making microenvironmental cooling possible for up to four people.

Why you get 70° F (or cooler) dry air with half the humidity of outside air? We draw air through ice alone (no water). When you draw air through ice you lower humidity. When you blow air through water, like a swamp cooler, you increase humidity. This is not a swamp cooler. Water is eliminated from the system.

As humid air passes through ice, water vapor will condense and plate out on the ice and drips out of the system through the drain with the liquid ice melt. Thus the air produced has usually half (or less) of the humidity of the ambient air. Instinctively, you know this, as the driest place on earth is Antarctica. Water vapor there can only exist as ice crystals in the air. Humidity is usually 0.5% to 1.5%!

- 12V P/N 13-05074
- 24V P/N 13-05075

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High quality metal frame. Chrome with blue & white enamel.
P/N 13-06227



High quality metal frame. Chrome with blue & white enamel.
P/N 13-06228



High quality metal frame. Chrome with blue & white enamel.
P/N 13-06229



High quality metal frame. Chrome with blue & white enamel.
P/N 13-06231



High quality metal frame. Chrome with white & blue enamel.
P/N 13-06232



High quality molded on Black plastic frame with white lettering.
P/N 13-06233



High quality stamped aluminum plate white and blue enamel
P/N 13-06235



FLY design. High quality stamped aluminum plate white and black enamel
P/N 13-06236

