

Port-A-Cool® Unit Facts

- *Temperature change*

15° to 20°. Designed to work well in high humidity conditions

25° to 30° Arid Areas *(humidity cards available)*

- *Operating cost, based on normal daily averages*

ELECTRICITY COST	WATER COST	DAILY OPERATING COST OF PORT-A-COOL®
.07 per kw hr.	\$9.50 1,500 gal. = 6.33	
.8 kw/hr. PAC usage		.448 Electric cost daily
.056 PAC kw cost/hr.	.00633 / gal. water cost	+ .51 Water cost daily
x 8 hrs.	x 80 gal. (80 gal. 8 hr. usage)	<hr/>
<u>.448 Daily Elect. Cost</u>	<u>.51 water cost / 8 hr.</u>	<u>.958 Daily Cost</u>

- *Running amperage*

48"	HI speed 13.7 amps		LOW speed 6.8 amps
36"	HI speed 7.5 amps	MED. Speed 5.5 amps	LOW speed 5.0 amps
36" HP	HI speed 11.2 amps		LOW speed 9.8 amps
24" HP	HI speed 8.2 amps		LOW speed 9.3 amps
16" HP	HI speed 2.9 amps		LOW speed 2.7 amps
16" 3 spd.	HI speed 2.8 amps	MED. Speed 1.7 amps	LOW speed 1.9 amps

- *Evaporative Efficiency Rate*

78% efficiency vs. "swamp" coolers 30% efficiency

Efficiency increased by 55° / 20° flute angle cooling pad

- *Cooling Capacity (approximately)*

48" 2 spd.	4,000 sq. ft.
36" 3 spd, 1 spd.	2,500 sq. ft.
36" HP	2,650 sq. ft.
24" HP	1,800 sq. ft.
16" HP	1,000 sq. ft.
16" HD, SFC	900 sq. ft.
16" 3 spd.	600 sq. ft.

- *Fan specs: CFMs*

Air Delivery

48" 2 spd.	20,000
36" HP	10,100
36" 3 spd, 1 spd.	9,600
24" HP	6,700
16" HP	4,000
16" HD, SFC	3,900
16" 3 spd.	2,230

- *Weights of units dry vs. operating*

48" DRY - 345 lbs.	36" DRY - 205 lbs.	24" DRY - 155 lbs.	16" HD DRY- 70 lbs.
48" FULL - 553 lbs.	36" FULL - 372 lbs.	24" FULL - 272 lbs.	16" HD FULL - 95 lbs.

• *BTU's (British Thermal Units)* - is a "performance" term for mechanical air conditioners and is not a "rating" term on anything except mechanical air conditioners; thus, our "evaporative" units are not rated by BTU terms.

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