Premier Industries, Inc.

*MOBILE*COOL(C) PORTABLE EVAPORATIVE COOLER

GENERAL: **The Premier *Mobile*Cool(c) portable evaporative cooler is a self contained unit with casters (wheels) to move to wherever cooling is needed. All that is needed to operate this unit is a 115VAC/15A electrical receptacle and a standard 3/4" water hose. Just push it to where you need it and turn it on.**

Specifications:

- Housing: Stainless Steel, grade 304 with removable panels for access.
- Fan: Axial, direct drive or belt driven as specified, size as shown in schedule.
- Cooling Media: KUULPAD, 8" thick at 80% Saturation Efficiency @ 500 FPM face velocity.
- Motor: Horsepower as shown in schedule. 115/1/60 VAC.
- Electric junction box: With 2 speed control switch and extension cord. (2 & 3 speed controls available as option). Recessed Controls.
- Water supply and drain: Standard hose bib fittings for external hook-up.
- Mesh screen: OSHA approved hexagon perforated sheet, 1/4" perforations.
- Casters (wheels): 4 wheels, 8" diameter pneumatic.

Table 1: Standard MobileCool (c) Engineering Data:

Model		Cabinet Dimensions					Fan			Pump	CFM	Weight	
No.	Unit Price	Wide	High	Deep	Fan Sect	Wet Sect	Fan Opening	Dia	HP	HP	Out	Dry	Oper
248	$2075	36	47	38	19	17*	24" x 24"	24	1/2	1/90	4550	330	415
308	$2390	40	56	38	19	17*	30" x 30"	30	1/2	1/60	6200	385	490
368	$2695	60	58	38	19	17*	36" x 36"	36	1/2	1/60	9500	485	650

Notes: Output for model 308 is 5000 CFM when using multi-speed fans. Shipping and packing materials not included in weights shown. Wet section depth is 21" when using optional 12" cooling media. 2 speed motors are available as an option. CFM stated is actual "delivered air" volume, not nominal or industry rated air flow.

INLET TEMPERATURE			*WET BULB DEPRESSION (f)*	*EFFICIENCY %*	*TEMPERATURE DROP (f)*	*DISCHARGE TEMPERATURE (f)*
Dry Bulb	*Wet Bulb*	*Rel Hum %*	*(Dry Bulb - Web Bulb)*	*KUUL PAD 8" thick*	*Across Media*	*Air Temperature from unit*
70	54	30	16	80%	12.8	57.2
80	58	25	22	80%	17.6	62.4
90	63	20	27	80%	21.6	68.4
100	66	15	34	80%	27.2	72.8
110	69	10	41	80%	32.8	77.2
120	69	5	51	80%	40.8	79.2