

Air + Water

Energy Efficient Evaporative Cooling

Environmentally Friendly

The simple concept of mixing air and water produces powerful, energy efficient cooling that is both economical and environmentally friendly.

The Aerocool® Pro Series™ by PMI is ideally suited for the unique demands of residential applications and delivers both energy efficiency and convenience with reliability.



High Efficiency Evaporative Air Cooling

When it's your money on the line, you look for the very best. The Aerocool® Pro Series™, evaporative air cooler allows you and your family to - *Live Life In Comfort.*

Performance & Convenience

Comfort & Efficiency

The AeroCool Pro Series evaporative air cooler, with its integrated systems, work hard to help maintain the performance and efficiency while allowing you more time to - *Live Your Life in Comfort.*

The AeroCool Pro Series features the Pro-4x4 High Efficiency Media to provide the coolest air possible while employing the Pro-Clean System to maintain the entire system.

The Pro-Clean System maintains the cleanliness of your evaporative cooler by automatically draining the cooler and refilling with fresh clean water, thus avoiding scale build-up. The water used in the evaporative process is stored inside the fully encapsulated Pro-Armor wet section.

The AeroCool Pro-Series includes the Pro-Shield weatherizing panel for use in the off-season to prohibit heat loss and unwanted air from entering the home during colder months. Defending the media from the elements of winter can also extend the life of your unit.

Set the comfort level for you and your family and the AeroCool Pro-Series evaporative air cooler does the rest. Combined with the Pro-Stat programmable thermostat, the AeroCool Pro-Series will automatically and efficiently operate the equipment to best maintain your comfort level while using the least amount of energy.



Side Draft



Down Draft

Choosing the Right Model To Meet Your Needs

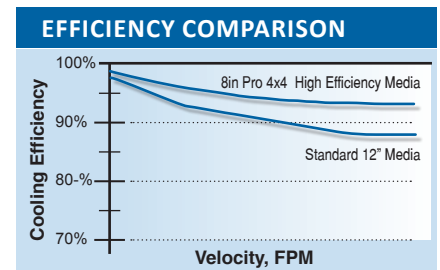
Choosing the right Pro-Series model is important for proper operation. The Pro-Series air coolers are designed to operate at maximum efficiency with minimal maintenance. All Pro-Series air coolers use the Pro 4x4 High-Efficiency Media to deliver colder air while reducing the overall cost of replacing the media.

For maximum performance, choose the model with the proper rating and motor as well as the correct duct configuration. Ask your qualified contractor to help you choose the correct Pro-Series model that best fits your home and your needs.

SPECIFICATIONS											
Model Number	Indus. STD Rating*	Air Delivery CFM (Cubic Feet Per Minute)						Electrical Specifications			
		0.0"	0.1"	0.2"	0.3"	0.4"	0.5"	HP	Speed	Volts	Amps
PD4802/PD4232	4800	3450	3200	3050	2950	2500	2310	3/4	2	120/240	11.9/6.4
PH4802/PH4232		120/240									
PD6802/PD6232	6800	4430	4310	4135	3990	3695	3460	1	2	120/240	14.1/7.4
PH6802/PH6232		120/240									

When specifying or ordering U.L. Listed models, add a "U" prefix to the front of the appropriate model number. In order to maintain this U.L. designation, these models must be used in conjunction with PMI supplied motor kits and pumps.

Example: UPD4802



Approximately 6% more cooling at lower replacement cost than 12" media

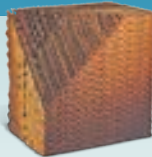
*Industry Standard Rating represents a numeric index for use in comparing units of different manufacturers.



All Pro Series Coolers Feature:

1 Pro-4x4 Media

Because of the higher saturation efficiency of our 4x4 media the Pro Series can deliver colder air than any other home comfort evaporative cooler.



2 Pro-Armor

The premier single inlet cooler with polymeric inner structure that completely shields the wet section from corrosive interaction.

3 Easy Access Gravity-Held Doors

Easy to remove access doors reduce maintenance time.

4 Pro-Stat

The cooler's "brain" saves money by giving just the right amount of cool all the time. The new "Softspeed Transition" feature creates smoother operation when the motor automatically changes speed.



5 Low Sump Pump

This powerful low sump pump keeps your pads wet even when your sump runs low.

6 Flomate

Flomate-quality water distribution system improves wet out for more efficiency.



7 Pro-Clean System

Drains and washes the unit daily and can save as much as 3,000 gallons of water a month as compared to standard bleed-off system.

8 MIRROSCOPIC™ Blower Shaft Finishing Process

This yields a 90% improvement over the industry standard "ground finish". This means quieter operation and longer bearing and shaft life for your cooler!



9 Factory Installed Wired Motors

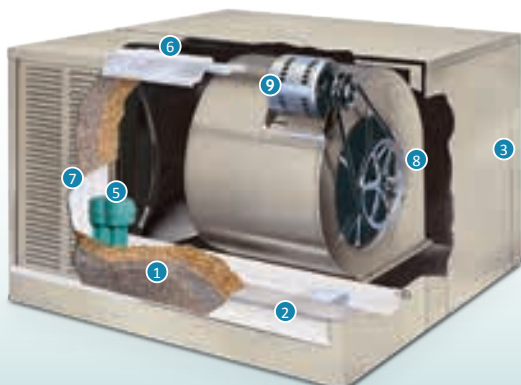
All components are completely pre-wired by the factory, thus reducing installation time and increasing reliability.

10 Pro-Shield

This weatherizing panel prohibits outward heat loss and cold air from entering into your home during the off-season. Easy to install, media protection is also afforded thereby increasing the life of the unit.



(Included with the Pro Series)



The Pro Series by AeroCool cools better and requires less maintenance than conventional coolers.

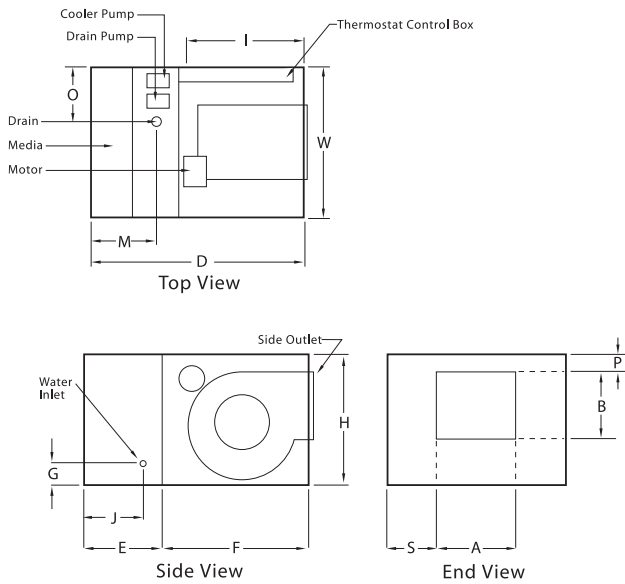
High Efficiency Evaporative Air Cooler

The AeroCool® Pro Series™ by PMI, cools better and requires less maintenance than conventional aspen coolers..

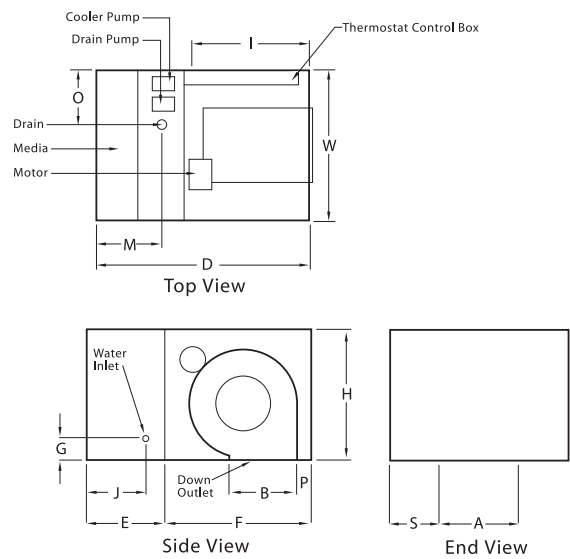
All Pro Series Evaporative Coolers Include:

- High Efficiency long life rigid type pad material providing superior performance
- PEBLAR XT™ - an outdoor architectural type powder coat finish
- PLASTIC lined wet section
- FLO-MATE water distribution system
- MIRROSCOPIC™ polished blower shaft finish
- PRO-SHIELD winterizing protection panel

Side Discharge



Down Discharge



Pro Series Engineering Data

Model Number	Cabinet			Duct Opening		E	F	G	I	J	O	M	P	S	Blower Wheel		Shaft Dia.	Belt Length	Pully OD	Oper. Weight	Ship Weight
	H	W	D	A	B										Dia	Width					
PD4802/PD4232	27 5/16	42	43	17 3/4	17 3/4	17	26	5 1/2	23	13 1/2	13 1/4	13	1 1/2	12 1/8	16	16	1	54	10	195	177
PH4802/PH4232	27 5/16	42	43	17 3/4	17 3/4	17	26	5 1/2	23	13 1/2	13 1/4	13	1 1/2	12 1/8	16	16	1	55	10	197	179
PD6802/PD6232	34 5/16	42	45	19 3/4	19 3/4	17	28	5 1/2	25	13 1/2	13 1/4	13	1 1/2	11 1/8	19	18	1	62	12	232	217
PH6802/PH6232	34 5/16	42	45	19 3/4	19 3/4	17	28	5 1/2	25	13 1/2	13 1/4	13	3 5/16	11 1/8	19	18	1	65	12	232	217

AEROCOOL® Evaporative Coolers and components are designed and tested in accordance with one or more of the following standards or agencies. AIR DELIVERY - data published derived from tests conducted in accordance with A.M.C.A. (Air Movement and Control Assoc.) standard 210. EVAPORATIVE MEDIA - Specially Corrugated Cellulose Materials, impregnated with insoluble antirot salts and regidifying saturants. SEALANT - water immersion per ASTM D870. FLEXIBILITY - per ASTM D756. CORROSION RESISTANCE - per ASTM B117. PENCIL HARDNESS - per ASTM

D3363. IMPACT RESISTANCE - per D2794. FLEXIBILITY - per ASTM D522. SURFACE BURNING CHARACTERISTICS of building materials (best rating) per UL 723 and ASTM E-84. PUMPS recognized under UL standard #778 for operating water pumps with thermal overload and locked rotor protection. POLYMERIC MATERIALS listed in accordance with UL 94 and 746C. MOTORS recognized under UL component standard #1004 for motor certification. MOTORS tested under UL standard #547 for locked rotor and heat rise protection.



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Phoenix Manufacturing, Inc. produces this equipment, with pride and craftsmanship, in the U.S.A. As a leader in our country's evaporative cooler production, we continuously strive to offer product improvements and reserve the right to change specifications and designs without notice.