



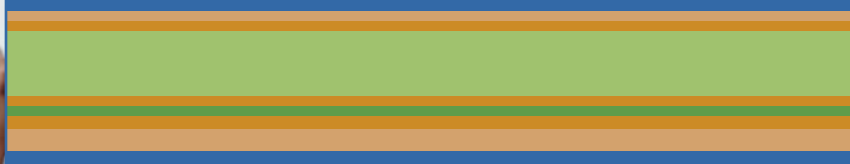
# Living Life In Comfort

High Efficiency Evaporative Air Cooling >>

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



Premier Pro Series  
Evaporative Air Coolers



# Efficiency Performance & Comfort



Your Family Deserves it.



## 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.

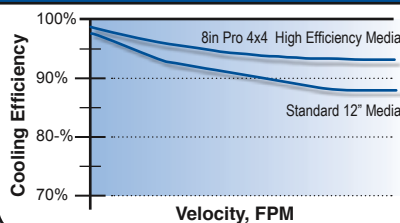


Side Draft



Down Draft

### Efficiency Comparison



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

### 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
PD4801/PD4231	4800	3450	3200	3050	2950	2500	2310	3/4	2	115/230	11.9/6.4
PH4801/PH4231										115/230	
PD6801/PD6231	6800	4430	4310	4135	3990	3695	3460	1	2	115/230	14.1/7.4
PH6801/PH6231										115/230	



# Easy Control and Maintenance

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.



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.

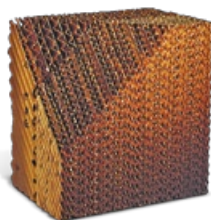
The AeroCool Pro Series evaporative air cooler, with its integrated system, work hard to help maintain the performance and efficiency while allowing you more time to - *Live Your Life in Comfort.*



## All Pro Series Coolers Feature:

### 1 Pro-4x4 Media

This high-efficiency blend of media delivers colder air than any other home comfort evaporative cooler sold today.



### 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

The most powerful pump on the market today. US Patent #5,527,157



### 6 Flomate

Flomate-quality water distribution system improves wet-out. US Patent #5,130,063



### 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. US Patent 5,527,157

### 8 PMI Exclusive 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!

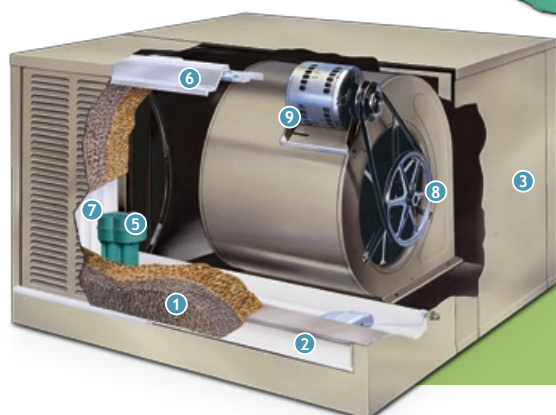


### 9 Factory Installed Wired Motors

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.



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

## High Efficiency Evaporative Air Cooler

The Pro Series™ by Aerocool® cools better and requires less maintenance than conventional coolers.

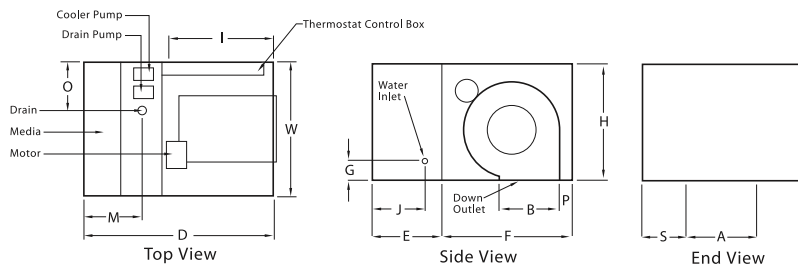
### All Pro Series™

#### Evaporative Coolers Feature:

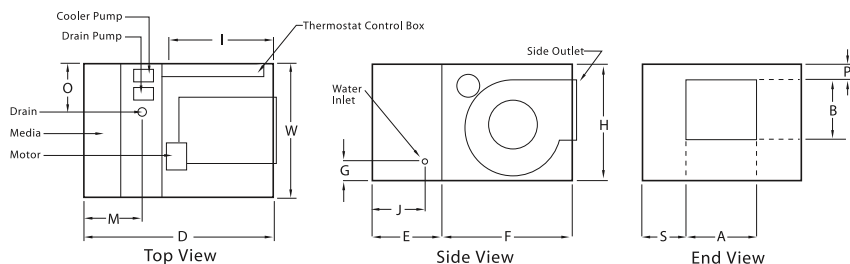
- High Efficiency long life rigid type pad material providing superior performance
- PEBLAR XT™ - an outdoor architectural type powder coat finish
- PLASTIC lined wet section
- FLO-MATE water distribution system
- MIRROSCOPIC™ polished blower shaft finish
- PRO-SHIELD winterizing protection panel



## Down Discharge



## Side Discharge



## Recommendations

	MODEL	MODEL	MODEL
QTY			
CFM			
STAT PRES			
MTR			
HP			
SPEED			
VOLTAGE			

#### Optional Accessories

#### Notes:

Contractor

Submitted By:

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

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.

### Pro Series Engineering Data

	Cabinet			Duct Opening												Blower Wheel						
Model Number	H	W	D	A	B	E	F	G	I	J	O	M	P	S	Dia	Width	Shaft Dia.	Belt Length	Pully OD	Oper. Weight	Ship Weight	
PD4801/PD4231	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	
PH4801/PH4231	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	
PD6801/PD6231	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	
PH6801/PH6231	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 antirrot 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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