Living Life In Comfort

High Efficiency Evaporative Air Cooling ››

Industry leading advancements and reliability, the Aerocool Trophy Series high efficiency air coolers provide worry free operation and low maintenance, allowing you to - *Live Your Life In Comfort*.

AEROCOOL® Trophy SERIES™

Evaporative Air Cooler

Available with **High-Efficiency 8" or 12" Rigid Media** to provide reliable and efficient evaporative air cooling for your home.

CLASSIFIED UL

U.L. Listed Models also available

Versatility
Reliability & Comfort

Your Family Deserves it.

Choosing the Right Model
To Meet Your Needs

Choosing the right Aerocool Trophy Series model is important for proper operation. All Trophy air coolers use efficient Rigid Media and are available in three levels of cooling efficiency.

The Trophy Series air coolers are designed to operate at maximum efficiency with minimal maintenance. The Rigid Media gives the Trophy Series the ability deliver colder air while reducing the time spent replacing standard aspen media.

Good
8" Rigid Media

- Economical choice
- Lower Replacement Cost

Better
12" Rigid Media

- Ultra efficient
- More surface area for better cooling

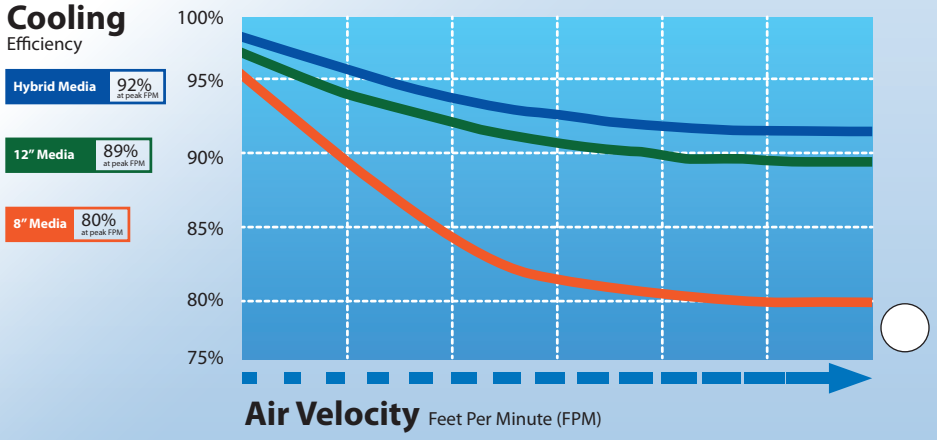
Best
4x4 Rigid Media

- Offers the best cooling efficiency
- Uses High-density media

8" Standard Rigid Media
The 8" media is a good economical choice for high efficiency cooling. It provides increased cooling performance over traditional aspen media pads.

12" Standard Rigid Media
The ultra-efficient 12" media is better choice where maximum cooling efficiency is required.

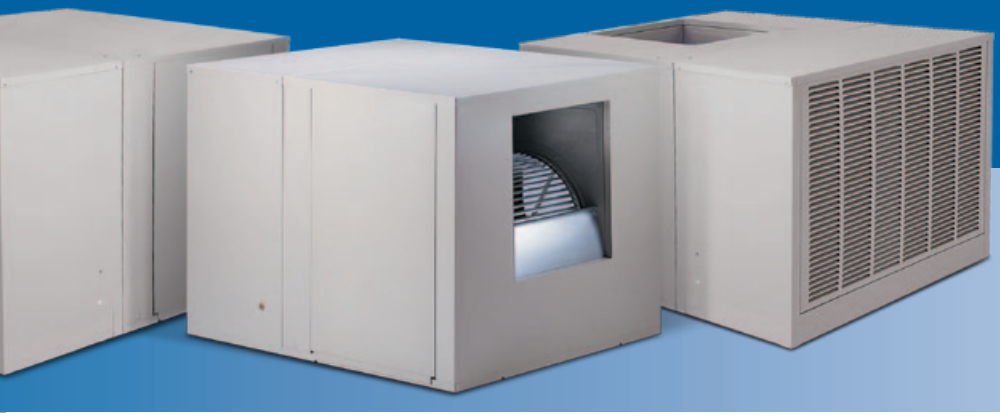
4x4 Hi Efficiency Rigid Media
The 4x4 Hi Efficiency Rigid Media is an 8" blend of high density media combined with standard density media. The result is a highly efficiency rigid media that delivers colder air than any other home comfort evaporative cooler sold today.



Longevity and Low Maintenance

Utilizing single inlet design, the Trophy Series provides the ultimate protection available for the longevity of your cooler. Fully lined in a tough plastic shield, the all-metal construction of the wet module is protected from the damaging effects of typical deposits found in most water systems. High efficiency evaporative cooling, low maintenance and long life of the Trophy Series makes this cooler your award winner.

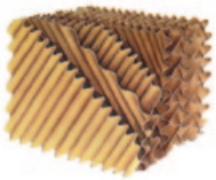
Responding to your specific requirements, these units are available in three models: down, side and the up discharge for concealed ground level applications.



AEROCOOL® Trophy SERIES™
Evaporative Air Cooler

1 High-Efficiency Rigid Media

The Aerocool® evaporative cooler beats the others cold — It's more efficient and less costly to operate. In fact, it is up to 13% more efficient than conventional coolers. Rigid media material provides cooler air and can last up to 10 times longer than old style aspen pads.



2 Pro-Armor

The polymeric inner structure completely shields the wet section from corrosive interaction, providing long life and worry free operation.

3 Low Sump Pump

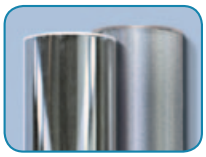
The most powerful pump on the market today. US Patent #5,527,157

4 Easy Access Gravity-Held Doors

Easy to remove access doors reduce maintenance time.

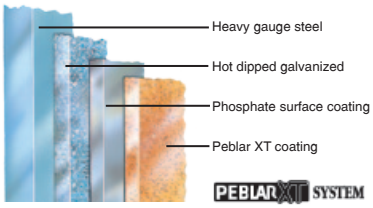
5 MIRROSCOPIC™ Blower Shaft Finishing

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



6 Peblar XT Protective Powder Coat

Our exclusive Peblar XT surface preparation is the highest quality architectural grade finish used in the industry. This durrable multi-layer bonded treatment protects your cooler against corrosion and assures years of reliable service.



Optional Accessories

Pro-Shield

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

GreenPac Accessory Package

Go green with the PMI GreenPac accessory package. This package includes the energy saving Nth Degree Digital Thermostat, the water saving CustomClean Programmable drain cord controller with an extra drain pump.

Trophy™ Series Evaporative Coolers:

When specifying U.L. Listed models, add a "U" prefix to the front of the model number. These models require the use of PMI supplied motor kits and pumps.

Example: UTD4801

Side Draft
(TH Model)

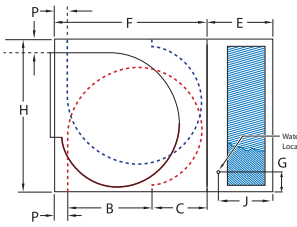
Down Draft
(TD Model)

Up Draft
(TUP Model)

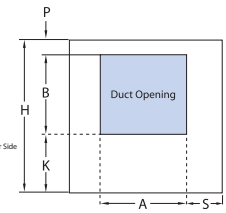
Trophy Series

*All Models Include 115 V. Pumps. Motors Ship Separately

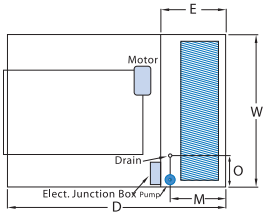
Media Type	Model Number	Indus. STD Rating	Air Delivery CFM (Cubic Feet Per Minute)						Electrical Specifications			
			0.0"	0.1"	0.2"	0.3"	0.4"	0.5"	HP	Speed	Volts	Amps
8" Media	TD/TH 4801	4400	3329	3035	2816	2623	2429	2235	1/2	2	115/230	9.0/5.3
	TD/TH 4801	4800	3875	3619	3440	3286	3132	2978	3/4	2	115/230	11.2/6.0
	TD/TH/TUP 6801	5800	4250	4125	4000	3850	3650	3425	3/4	2	115/230	11.2/6.0
	TD/TH/TUP 6801	6800	4750	4600	4475	4375	4250	4050	1	2	115/230	13.3/6.9
12" Media	TD/TH 4812	4400	2860	2790	2645	2350	2030	1890	1/2	2	115/230	9.9/5.9
	TD/TH 4812	4800	3270	3220	3190	2940	2650	2350	3/4	2	115/230	12.1/6.6
	TD/TH/TUP 6812	5800	4130	4000	3820	3630	3375	2740	3/4	2	115/230	12.1/6.6
	TD/TH/TUP 6812	6800	4551	4440	4300	4080	3940	3680	1	2	115/230	14.2/7.6
4x4 Media	HH/HD 4801C	4800	3450	3200	3050	2950	2500	2310	3/4	2	115/230	11.9/6.4
	HH/HD/HUP 6801C	6800	4430	4310	4135	3990	3695	3460	1	2	115/230	14.1/7.4



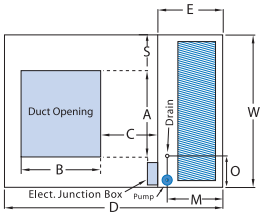
Side View



End View



Top View



Top View (updraft)

Trophy Series Engineering Data

Media Type	Model Number	Cabinet			Duct Opening		Down	Side			Water Inlet		Drain				Ship Weight	Oper. Weight
		H	W	D	A	B	C	K	E	F	G	J	M	O	P	S		
8" Media	TD4801	27 5/16	42	43	17 3/4	17 3/4	6 3/4		17	26	5 1/2	13 1/2	13 1/4	13	1 1/2	12 1/8	161	189
	TH4801	27 5/16	42	43	17 3/4	17 3/4		8	17	26	5 1/2	13 1/2	13 1/4	13	1 1/2	12 1/8	161	189
	TH6801	34 5/16	42	45	19 3/4	19 3/4	6 3/4		17	28	5 1/2	13 1/2	13 1/4	13	3 1/4	11 1/8	198	220
	TD6801	34 5/16	42	45	19 3/4	19 3/4	6 3/4		17	28	5 1/2	13 1/2	13 1/4	13	1 1/2	11 1/8	198	220
	TUP6801	34 5/16	42	45	19 3/4	19 3/4		11 5/16	17	28	5 1/2	13 1/2	13 1/4	13	1 1/2	11 1/8	198	220
12" Media	TD4812	27 5/16	42	47	17 3/4	17 3/4	6 3/4		21	26	5 1/2	17 1/2	17 1/4	13	1 1/2	12 1/8	177	212
	TH4812	27 5/16	42	47	17 3/4	17 3/4		8	21	26	5 1/2	17 1/2	17 1/4	13	1 1/2	12 1/8	177	212
	TH6812	34 5/16	42	49	19 3/4	19 3/4	6 3/4		21	28	5 1/2	17 1/2	17 1/4	13	3 1/4	11 1/8	214	257
	TD6812	34 5/16	42	49	19 3/4	19 3/4	6 3/4		21	28	5 1/2	17 1/2	17 1/4	13	1 1/2	11 1/8	214	257
	TUP6812	34 5/16	42	49	19 3/4	19 3/4		11 5/16	21	28	5 1/2	17 1/2	17 1/4	13	1 1/2	11 1/8	214	257
4x4 Media	HH/HD 4801C	27 5/16	42	43	17 3/4	17 3/4	6 3/4		17	26	5 1/2	13 1/2	13 1/4	13	1 1/2	12 1/8	161	189
	HH/HD/HUP 6801C	34 5/16	42	45	19 3/4	19 3/4	6 3/4		17	28	5 1/2	13 1/2	13 1/4	13	3 1/4	11 1/8	198	220

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.

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

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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"Committed to Customer Success"™

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ACTRO_08_V05
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