

[Schaefer WayCool WC-1/3HPA220OSC Portable Evaporative Air Cooler 220 Volts](#)

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Portable Evaporative Cooling Comfort Solutions



Schaefer evaporative coolers deliver air up to 20 degrees cooler than ambient temperature for less than half the cost of portable air conditioners.



Evaporative Cooling

Portable Evaporative Coolers from Schaefer

Evaporative coolers cool their surroundings by drawing warm air over wet pads where evaporation of the water from the pads cools the air by as much as 20 degrees* and then exhausting the cooled air at high speed.

Evaporative coolers serve the same purpose as compressed vapor portable air conditioners. Their key advantages over portable air conditioners are:

- very low purchase costs (20% - 50% of the cost for equivalent cooling capacity, depending on Schaefer model)
- very low energy consumption and operating costs (10% - 30% of the power requirements for equivalent cooling capacity, depending on Schaefer model)
- even the largest Schaefer evaporative coolers can be plugged into a standard 115V/15A circuit
- simplicity
- reliability

Although evaporative coolers and portable air conditioners perform the same function, they have significant differences, including:

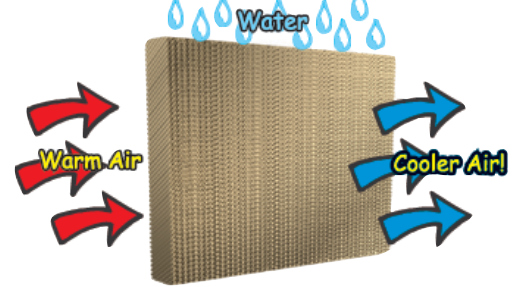
- evaporative cooler efficiency increases with increasing ambient temperature
- evaporative cooler efficiency declines more rapidly with increasing relative humidity (RH)
- evaporative coolers cannot cool air below its wet bulb temperature
- evaporative coolers add moisture to cooled air
- evaporative coolers require makeup air to maintain cooling efficiency
- evaporative coolers do not need to be vented externally
- evaporative coolers consume water, and therefore need a source of water to evaporate
- evaporative coolers do not condense water from the air and therefore do not need a drain or reservoir for the condensate

Schaefer's line of portable evaporative coolers ranges from 1/3 HP WayCool® "Spot" evaporative cooler (approximately 18,000 BTUs or 1.5 tons of cooling capacity**) to the 42" Pro-Kool® "Area" evaporative cooler (approximately 162,000 BTUs or 13.5 tons of cooling capacity**). All Schaefer evaporative coolers have high cooling efficiency, high outlet air velocity, large on-board water reservoirs and the option of connecting the unit to a garden hose for continuous use. Options include unit size and capacity, model type (WayCool® spot coolers or Pro-Kool® area coolers) and in the case of WayCools, fixed or oscillating outputs.

*20°F of cooling at 90°F and 20% RH ambient conditions declines to 13°F of cooling at 90°F and 40% RH ambient conditions.

**At 90°F and 40% RH ambient conditions.

How Evaporative Cooling Works



Use portable evaporative coolers from Schaefer to cool almost any area—indoors or out!

- | | | | | |
|------------------------|---------------------|-------------------|----------------------|----------------------|
| • Outdoor dining | • Outdoor retail | • Sidelines | • Stadiums | • Emergency/disaster |
| • Factories | • Warehouses | • Outdoor tents | • Catering companies | • Dry cleaners |
| • Hotels and resorts | • Auto repair shops | • Workshops | • Construction sites | • Cruise ships |
| • Athletic events | • Youth athletics | • Movie locations | • Fairs | • Hangars |
| • Pools, patios, decks | • Amusement parks | • Golf courses | • Greenhouses | • Churches |



Keep your customers and employees Way-Cool!

New in 2009!



WC-1/3HP



WC-1HPMFOSC
Spout oscillates 120°



WCG-1HPMF



WC-1HP-DHL



WayCool® 360

Schaefer is proud to introduce a kinder, gentler 1 HP WayCool® 360 with the same performance attributes as the standard WayCool® but with all-direction (360 degree) cooling. Ideal for decks, patios, and work areas where you need a lot of cooling but you don't need the aggressive air pattern of the standard WayCool®.

Spot cool your deck, patio or work area with high performance, environmentally friendly WayCool® evaporative coolers from Schaefer Ventilation.

Features & Benefits

- Blows cooled air in a high velocity, narrow stream to "spot cool" employees or customers
- All models have large on-board water reservoirs and can be connected to a garden hose for continuous use
- 1 HP models come standard with an easy fill and water gauge
- Aesthetically pleasing high impact ABS plastic housing with heavy-duty aluminum frame and base
- Available in 1 HP and 1/3 HP models
- All models have heavy-duty, maintenance free, 2-speed motors
- Fixed or oscillating outputs available
- Chemically treated cellulose evaporative pads for long pad life
- Approximately 50% the price of the equivalent capacity compressed vapor portable air conditioner
- Approximately 25% the energy consumption and operating cost of the equivalent compressed vapor portable air conditioner
- 1 HP dimensions: Base 33" x 33" x 52" tall. 24 gallon
- 1/3 HP dimensions: Base 25" x 25" x 42" tall. 14 gallon
- 2-year limited warranty
- Made in the USA

Options Available:

- 1 HP model available in gray or white (Excludes DHL model)
- Hazardous location model available
- Automatic pump shut-off kits (WC-ASOINSTALLED)
- Pneumatic wheels (WC-PWINSTALLED)
- Evaporative cooling pads, water conditioner (WC-CTAB) and cleaner (WC-CLNR) products available



Cool Air Anywhere!

WayCool® Evaporative Coolers can reduce air temperature by as much as 20°F!

WayCool® Evaporative Coolers and Accessories

Description	Amps*	CFM Hi-Lo	Velocity @ Outlet (mph)	Velocity @ 10' Hi-Lo (mph)	Cooling** (Tons)	Cooling*** (Deg. F)	Model
1/3 HP WayCool® Evaporative Cooler with fixed direction air flow	5.9/5.0	1560/1320	21/18	9/6	1.5	14°F	WC-1/3HP
1/3 HP WayCool® Evaporative Cooler with oscillating air flow	5.9/5.0	1560/1320	21/18	9/6	1.5	14°F	WC-1/3HP-OSC
1 HP WayCool® Evaporative Cooler with fixed direction air flow	10.4/5.8	3020/2040	27/19	11/7	4.0	20°F	WC-1HPMF
1 HP WayCool® Evaporative Cooler with fixed direction air flow (Gray)	10.4/5.8	3020/2040	27/19	11/7	4.0	20°F	WCG-1HPMF
1 HP WayCool® Evaporative Cooler oscillating airflow	10.4/5.8	3020/2040	27/19	11/7	4.0	20°F	WC-1HPMFOSC
1 HP WayCool® Evaporative Cooler oscillating airflow (Gray)	10.4/5.8	3020/2040	27/19	11/7	4.0	20°F	WCG-1HPMFOSC
1 HP WayCool® Designated Hazardous Location Model, 115/230 volt	10.4/5.8	3020/2040	27/19	11/7	4.0	20°F	WC-1HP-DHL
1 HP WayCool® Evaporative Cooler with 360 degree air flow	10.4/5.8	2460/1660	26/18	3/2	4.0	20°F	WC-1HPMF360
Versa-Filler™ Water Supply Reservoir with 50 Gallon Tank	-	-	-	-	-	-	VF-50

* Actual amp draw may vary due to your environment.

** Cooling in Tons on Hi@90°F and 40% RH *** Temperature drop (inlet temp-outlet temp) @ 90°F and 20% RH

Evaporative Cooling



Rugged, Dependable and Cost Effective!

Area cool your factory, warehouse or greenhouse with high performance, environmentally friendly Pro-Kool® evaporative coolers from Schaefer Ventilation.



PROK142-2HV



PROK28-2

Features & Benefits

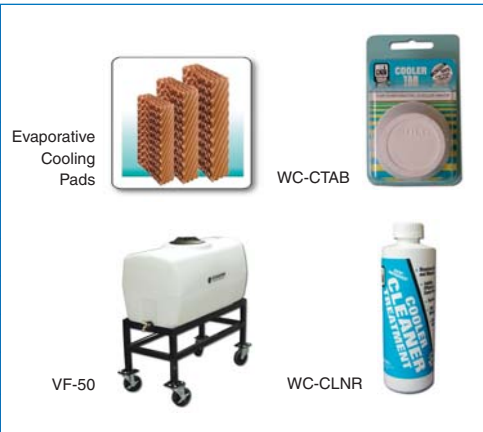
- Blows cooled air in a high velocity, broad stream to “area cool” facilities and work areas
- Available in 1 HP (42" fan) and 1/3 HP (28" fan) models
- Chemically treated cellulose evaporative pads for long pad life
- Rugged polyethylene, corrosion resistant housing
- All models have heavy-duty, maintenance free, 2-speed motors
- All models have large on-board water reservoirs and can be connected to a garden hose for continuous use
- Approximately 25% the price of the equivalent capacity compressed vapor portable air conditioner
- Approximately 10% the energy consumption and operating cost of the equivalent compressed vapor portable air conditioner
- Evaporative cooling pads, water conditioner (WC-CTAB) and cleaner (WC-CLNR) products available
- 2-year limited warranty
- Made in the USA



Pro-Kool® Evaporative Coolers can reduce air temperature by as much as 20°F!

Pro-Kool® Evaporative Coolers						
Description	Amps	CFM	Velocity @ Outlet (mph)	Cooling** (Tons)	Cooling*** (Deg. F)	Model
Pro-Kool® Evaporative Cooler with 28" Fan, 1/3 HP, 115 volt	6.2/5.3	6000 / 4900	16/13	6.5	20	PROK28-2
Pro-Kool® Evaporative Cooler with 42" High Velocity Fan, 1 HP, 115 volt	14.4/9.5	14,200 / 9400	16/10	13.5	14	PROK142-2HV

Evaporative Cooler Parts and Accessories	
Description	Model
Pro-Kool® 42" Evaporative Pad • 4 Required Per Unit • 48" Tall Pad	42PKPAD
Pro-Kool® 42" Evaporative Pad • 4 Required Per Unit • 54" Tall Pad	42PKPAD-R
Pro-Kool® 28" Evaporative Pad • 3 Required Per Unit	28PKPAD
WayCool® Evaporative Cooling Pads, Full Pad for 1/3 HP • 4 Required per 1/3 HP unit	WC-1/3FPAD
WayCool® Evaporative Cooling Pads, Half Pad for 1/3 HP • 4 Required per 1/3 HP unit	WC-1/3HPAD
WayCool® Evaporative Cooling Pads, Full Pad for 1 HP • 8 Required per 1 HP unit	WC-1HPPAD
Versa-Filler™ Water Supply Reservoir with 50 Gallon Tank	VF-50
Evaporative Cooler Water Conditioner Treatment Tabs / Blister Pack of 10	WC-CTAB
Evaporative Cooler Cleaner / Case of 12 Pint Bottles	WC-CLNR



Cooling in Tons on Hi@90°F and 40% RH *Temperature drop (inlet temp-outlet temp) @ 90°F and 20% RH

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