



Living Life In Comfort



Efficient Home Air Cooling For Less >>

The Figiking coolers are your best choice for years of comfort and economical trouble-free operation - *Live Life In Comfort.*



FRIGIKING®
EVAPORATIVE AIR COOLERS

Economical and Dependable Cooling
Power For Your Home



U.L. Listed Models
also available

Maximum Cooling

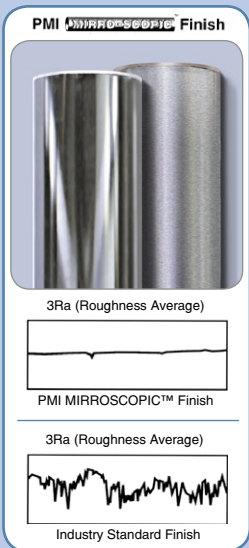
Minimum Cost

Your Family Deserves it.

Precision Crafted Engineered to Last

It's hard to beat our 4-pad bottom discharge model for maximum cool air at minimum energy cost. Ideal for roof installation, this cooler features a unique full closing damper to seal the unit and prevent winter heat loss.

The versatile side discharge unit is perfect for either roof or thru-the-wall installations. Our wide angle pad lancing provides maximum air intake for maximum efficiency. Includes factory 115V pump, float and bleed-off, and an L.A. Listed quick disconnect. Your choice of a 1 or 2 speed motor.



MIRROSCOPIC™ Blower Shaft Finishing Process

PMI's exclusive MIRROSCOPIC Blower shaft finish process yields a 90% improvement over the industry standard "ground finish". This means quieter operation as well as longer bearing and shaft life for your cooler!

Easy Access Gravity-Held Doors

Easy to remove access doors reduce maintenance time.

Easy Setup

Junction box allows for easy plug-in connections of motor and pump (2200-6500 CFM).

Prevents Winter Heat Loss

Down Discharge models include our exclusive slide damper to seal the duct and prevent winter heat loss.

Reliable Motor

High-torque, belt driven motors are recognized by Underwriters Laboratories (UL Listed).

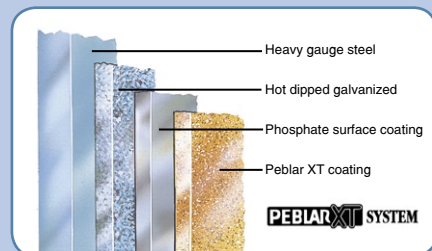
Quiet Operation

Oversized balanced blower wheels generate maximum air while providing quiet operation.

PEBLAR XT

Protective Powder Coating

Our exclusive Peblar XT surface preparation is the highest quality and most costly outdoor architectural grade finish used in the industry to date. This attractive, multi-layered bonded treatment protects your cooler against corrosion and assures years of reliable service.



PHOENIX MANUFACTURING, INC.
"Committed to Customer Success"

www.evapcool.com



Economical and Trouble Free



All stages of our manufacturing emphasize quality, efficiency and every Frigiking Air Cooler is built to the most exacting standards. The cabinet design with a deep drawn bottom pan, is constructed of hot dipped galvanized steel and coated with an attractive appliance type finish. Every component is engineered for reliable performance, so your cooler will last through the years of cooling comfort with a minimum of maintenance.



In short, the Frigiking cooler is your best choice for years of comfort and economical trouble-free operation.



Specifications

Model Number	Cooling Capacity		Air Delivery CFM (Cubic Feet Per Minute)						Electrical Specifications				
	Industry Std. Rating	Cubic ft. Area	0.0"	0.1"	0.2"	0.3"	0.4"	0.5"	HP	Speed	Phaze	Hz	Volts
FD/FS 350	3000	6600							1/3	1	1	60	115
	3000/2000	6600	2180	2085	1980	1860	1685	1490	1/3	2	1	60	115
FD/FS 450	4000	8000							1/3	1	1	60	115
	4000/2665	8000	3130	2922	2702	2478	2250	2010	1/3	2	1	60	115
	4500	9000							1/2	1	1	60	115/230
	4500/3000	9000	3660	3464	3268	3072	2876	2680	1/2	2	1	60	115/230
FD/FS 650	5500	11000							1/2	1	1	60	115/230
	5500/3365	11000	4130	3966	3802	3636	3469	3305	1/2	2	1	60	115/230
	6500	13000							3/4	1	1	60	115/230
	6500/4330	13000	4710	4546	4382	4218	4052	3890	3/4	2	1	60	115/230

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. Listed designation, these models must be used in conjunction with PMI supplied motor kits and pumps.

Example: **UFD650**

Put Your Energy Costs On Ice With Brisa Window Coolers



Engineered to give you more cooling power for less money! Brisa line of evaporative window coolers deliver more CFM (cubic feet per minute of air) for each watt of energy consumed than comparative competitive models. This means quicker cooling, as it absorbs heat from the air faster. Brisa can cost between 15% to 28% less to operate and achieve equivalent results. Ask your qualified contractor about the benefits of the Brisa line of Window Coolers.



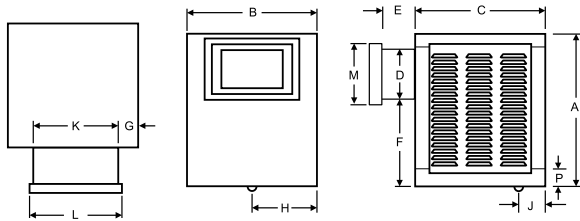
Specifications

Model Number	Area Cooling Capacity Sq/Ft	Blower Wheel		Motor		
		D	W	HP	Speed	Volt
WH2903	100/200	8	8	1/8	2	115
BW3500	600/800	13 1/4	13	1/3	2	115
BW4001	700/1000	13 1/4	13	1/3	2	115
BW4501	700/1200	16 1/8	15 7/8	1/3	2	115
BW5001	1200/1600	16 1/8	15 7/8	1/2	2	115
BW5501*	1400/1800	16 1/8	15 7/8	1/2	2	115

* New Brisa model BW5501 utilizes rigid media for high efficiency

Choose the Right Model

All Phoenix Manufacturing, Inc. products are precision crafted and engineered to provide low cost operation, easy maintenance, with product reliability and longevity. Water evaporation is an environmentally friendly source of cooling as compared to mechanical refrigeration. Phoenix Manufacturing makes sound products with sensible and functional innovations, leading to a new era.



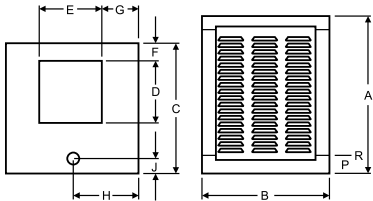
Brisa Engineering Data

Model Number	Cabinet Dimensions													Shipping Weight w/Motor
	A	B	C	D	E	F	G	H	J	K	L	M	P	
WH2903	26 5/8	31 1/8	9	13 1/4	10 1/2	11 3/4	5 1/4	--	--	20 3/4	21 1/2	14 7/8	3 1/4	60
BW3500	32	28	28	13 1/4	10 1/4	15 1/2	3 5/8	14	4 1/2	20 3/4	21 1/2	14 7/8	3 1/4	115
BW4001	36	28	28	13 1/4	10 1/4	19 1/2	3 5/8	14 3/8	4 1/2	20 3/4	21 1/2	14 7/8	3 1/4	120
BW4501	36	34	34	13 1/4	10 1/4	19 1/2	6 5/8	17	5 5/8	20 3/4	21 1/2	14 7/8	3 1/4	143
BW5001	36	34	34	13 1/4	10 1/4	19 1/2	6 5/8	17	5 5/8	20 3/4	21 1/2	14 7/8	3 1/4	144
BW5501*	36	33 1/4	27 1/4	13 1/4	10 1/4	19 1/2	6 1/4	17	4 1/2	20 3/4	21 1/2	14 7/8	3 1/4	150

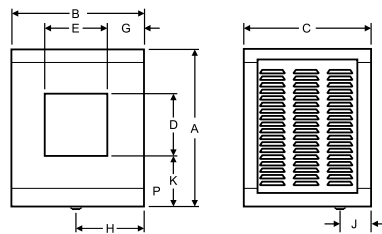
* New Brisa model BW5501 utilizes rigid media for high efficiency



Bottom Discharge



Side Discharge



Frigiking Engineering Data

Model Number	Cabinet Dimensions													Blower Wheel		Pad Frame		Pad Filter Dimensions			Ship. Weight
	A	B	C	D	E	F	G	H	J	K	P	R	Dia	Width	Height	Width	No.	Height	Width		
FD/FS 350	32	28	28	16	16	3 1/4	6	14	4 1/4	10 1/4	--	--	13 1/4	13	26	22	4/3	27	24	108	
FD/FS 450	36	34	34	17 7/8	17 7/8	4 1/2	8 1/16	17	5 1/4	12 1/4	--	--	16 1/8	15 7/8	30	28	4/3	29	29	138	
FD/FS 650	42 1/4	37	37	19 7/8	19 7/8	3 7/8	8 9/16	8 1/2	6	14 1/4	--	--	19 1/8	17 7/8	37	31	4/3	35	33	177	

FRIGIKING 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. **ASPEN PADS** - built to federal specification PP-E-911 for Type 1, Class A, Grade 4. **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. **SPECULAR GLOSS** - per ASTM 523. **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.



Phoenix Manufacturing Inc.
 3655 East Roeser Road
 Phoenix, Arizona 85040
 Phone: 602-437-1034
 Fax: 602-437-4833
 www.evapcool.com

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.