



FRIGIKING
EVAPORATIVE AIR COOLER

2021-2022

RESIDENTIAL



EVAPORATIVE AIR COOLERS

**ECONOMICAL, DEPENDABLE COOLING POWER FOR YOUR HOME
AIR & WATER ENERGY EFFICIENT EVAPORATIVE COOLING**

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ENVIRONMENTALLY FRIENDLY SOLUTIONS TO

MAXIMIZE COOLING - MINIMIZE COST

It's hard to beat our 4-pad bottom discharge model for maximum cool air at minimum energy cost. Ideal for roof installation.

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 120V. pump, float and bleed-off. Motors ship separately.

PRECISION CRAFTED, ENGINEERED TO LAST

Every Frigiking Air Cooler is built to the most exacting standards. The cabinet design, with its deep drawn bottom pan, is constructed with 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 with a minimum of maintenance.

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

Includes factory 120V. pump, float and bleed-off. Motors ship separately.



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).

RELIABLE MOTOR

High-torque, belt driven motors are recognized by Underwriters Laboratories (U.L. Listed). **Industry best 3 - year warranty (if provided by PMI)**

NOTE: Motors Sold Separately

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.

U.L. Listed Models also available. When specifying or ordering U.L. Listed models, add a "U" prefix to the front of the appropriate model number.

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	PHASE	Hz	VOLTS
FD/FS 350	3000	6600	2180	2085	1980	1860	1685	1490	1/3	1	1	60	120
	3000 / 2000	6600							1/3	2	1	60	120
FD/FS 450	4000	8000	3130	2922	2702	2478	2250	2010	1/3	1	1	60	120
	4000 / 2665	8000							1/3	2	1	60	120
	4500	9000	3660	3464	3268	3072	2876	2680	1/2	1	1	60	120 / 240
	4500 / 3000	9000							1/2	2	1	60	120 / 240
FD/FS 650	5500	11000	4130	3966	3802	3636	3469	3305	1/2	1	1	60	120 / 240
	5500 / 3365	11000							1/2	2	1	60	120 / 240
	6500	13000	4710	4546	4382	4218	4052	3890	3/4	1	1	60	120 / 240
	6500 / 4330	13000							3/4	2	1	60	120 / 240

PUT YOUR ENERGY COSTS ON ICE WITH FRIGIKING WINDOW COOLERS

WINDOW COOLERS

Engineered to give you more cooling power for less cost! The Frigiking 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. Frigiking can cost between 15% to 28% less to operate and achieve equivalent results. Ask your qualified contractor about the benefits of the Frigiking line of Window Coolers.

SPECIFICATIONS

MODEL NUMBER	AREA COOLING CAPACITY SQ/FT	BLOWER WHEEL		MOTOR		
		D	W	HP	SPEED	VOLT
WH2906	100 - 400	8	8	1/7	2	120
BW3005	400 - 600	8	8	1/7	2	120
BW4002	700 - 1000	13 ^{1/4}	13	1/3	2	120
BW5002	1200 - 1600	16 ^{1/8}	15 ^{7/8}	1/2	2	120



- BW3005



- BW4002 / BW5002



- WH2906

COOLER ACCESSORIES

MODEL #	DESCRIPTION
RSK	Rotary Switch Kit (2 spd. mtrs.) (wall mount)
PDPT2-6	Programmable Drain Pump 120 V.
PCS230B	Power Cleaning System 240 V.
BDC100-12	120 V. Drain Cord
WGC	Window Cooler Grille Cover
NDS	Low Voltage Thermostat

PROGRAMMABLE DRAIN PUMP

Save as much as 3,000 gallons of water per month. Set the clean frequency to 2, 4, 6 or 8 hours and choose a run time of 5 or 9 minutes, depending on your specific needs.

- Prevents mineral build-up
- Reduces bacterial growth
- Reduces maintenance and eliminates chemical additives and cleaners
- Extends pad life
- Improves efficiency
- Easy plug-in installation
- Full 2 year warranty



NTH DEGREE THERMOSTAT

Just set the temperature and let Nth degree™ cycle the fan between low, high or off to maintain the temperature

- Easy to install
- Works with ANY Cooler with up to a 1HP motor operating at 120V or 240V
- Rain-tight NEMA Control Box
- Provides a Pre-Wet Cycle
- U.L. Listed



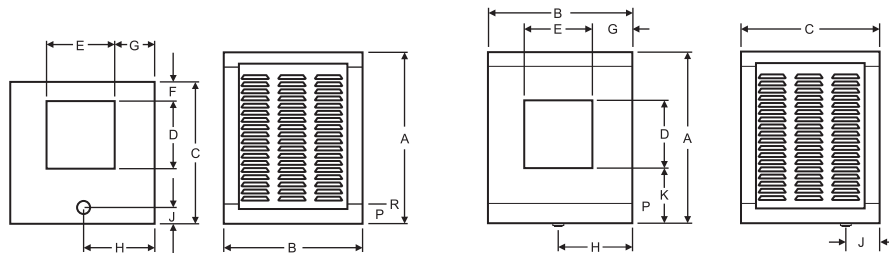
When specifying or ordering U.L. Listed models, add a "U" prefix to the front of the appropriate model number. In order to maintain this U.L. Listed designation, these models must be used in conjunction with PMI supplied motor kits and pumps. **EXAMPLE: UFD650**

SIDE AND DOWNDRAFT COOLER

FRIGIKING ENGINEERING DATA

MODEL NUMBER	CABINET			DIMENSIONS									BLOWER WHEEL		PAD FRAME		PAD FILTER DIMENSIONS			SHIP. WT.	OPER. WT.
	A	B	C	D	E	F	G	H	J	K	P	R	DIA	WIDTH	HEIGHT	WIDTH	NO.	WIDTH	HEIGHT		
FD/FS 350	32	28	28	16	16	3 ¼	6	14	4 ¾	10 ¼	--	--	13 ¼	13	26	22	4/3	21	25	108	150
FD/FS 450	36	34	34	17 ⅞	17 ⅞	4 ½	8 1/16	17	5 ¾	12 ¼	--	--	16 ⅞	15 ⅞	30	28	4/3	28	29	138	215
FD/FS 650	42 ¼	37	37	19 ⅞	19 ⅞	3 ⅞	8 9/16	8 1/2	6	14 ¼	--	--	19 ⅞	17 ⅞	37	31	4/3	30	35	177	290

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 #507 for locked rotor and heat rise protection.

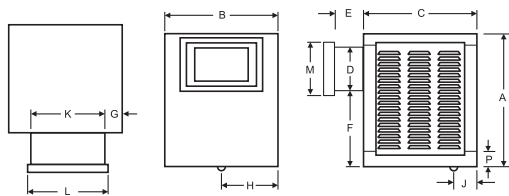


WINDOW COOLERS

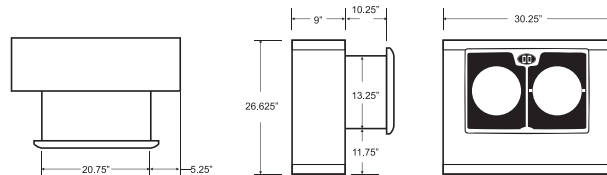
WINDOW COOLER ENGINEERING DATA

MODEL NUMBER	CABINET			DIMENSIONS										SHIP WEIGHT W/ MOTOR
	A	B	C	D	E	F	G	H	J	K	L	M	P	
WH2906	26 ⅝	31 ½	9	13 ¼	10 ¼	11 ¾	5 ¼	--	--	20 ¾	21 ½	14 ⅞	3 ¼	60
BW3005	25	28	28	9 1/3	11	11	3 ¾	14	4 ½	12 5/8	21 ½	14 ⅞	3 ¼	90
BW4002	36	28	28	13 ¼	10	19 1/2	3 ⅝	14	4 ½	20 ¾	21 ½	14 ⅞	3 ¼	120
BW5002	36	34	34	13 ¼	10	19 ½	6 ⅝	17	5 5/8	20 ¾	21 ½	14 ⅞	3 ¼	144

3000 / 4000 / 5000 SERIES



2000 SERIES



WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www. P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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