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CHAMPION 5500DD Owner's Manual

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SPECIFICATIONS & SUBMITTAL DATA

FEATURES:

- Heavy gauge galvanized steel cabinet
- Electrostatically applied polyester powder coating finish
- One piece drawn bottom pan
- Chem treated adjustable water troughs in pad frames
- Junction box with optional locations standard
- Bleed-off kit standard
- Made in the U.S.A.

MODELS

3000SD
4001SD
5000SD

Project

Location

Architect

Engineer

Contractor

Submitted By Date

MODELS

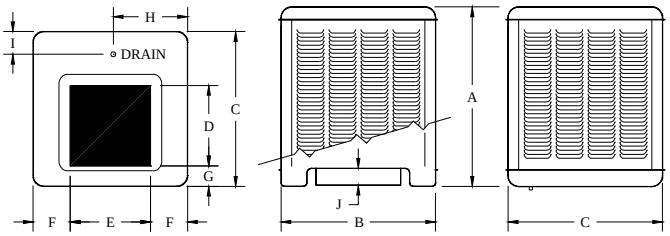
3000DD
4001DD
5000DD

Ref. No.	Cooler Model No.	Qty.	CFM	Static Pressure	Motor	HP	Speed	Volts	Phase	Optional Accesories
1										
2										
3										
4										
5										
6										
7										
8										
9										

Notes

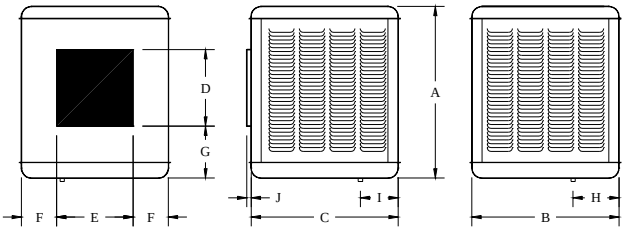
CHAMPION COOLER
5800 Murray, Little Rock, AR 72209
1-800-643-8341
info@championcooler.com

DOWN DISCHARGE UNITS



BOTTOM FRONT SIDE

SIDE DISCHARGE UNITS



FRONT SIDE REAR

GENERAL SPECIFICATIONS*

MODEL NO.	WEIGHT LBS.		CABINET DIMENSIONS			DUCT OPENING		DUCT LOCATION		DRAIN		DUCT EXT.	FILTER PAD DIMENSIONS*			MOTOR PULLEY PART NO.	DRIVE BELT
	†SHIP.	††OPER.	A	B	C	D	E	F	G	H	I	J	NO. REQ'D	HEIGHT	WIDTH		
DOWN DISCHARGE																	
3000DD	118	175	33 7/16	28 1/8	28 1/8	13 5/8	13 5/8	7 1/4	4 5/8	17 11/16	5 3/16	3 3/4	4	27	22	110277	4L-450
4001DD	161	233	34 1/2	34 1/8	34 1/8	17 3/4	17 3/4	8 3/16	4 1/4	16 13/32	5	3 23/32	4	28	27	110278	4L-560
5000DD	220	309	42 7/16	39	39	19 3/4	19 3/4	9 5/8	4 1/4	25 13/32	5 1/2	4	4	36	33	110278	4L-690
SIDE DISCHARGE																	
3000SD	109	193	33 7/16	28 1/8	28 1/8	13 5/8	13 5/8	7 1/4	12 3/32	12 25/32	8 3/4	1	3	27	22	110277	4L-450
4001SD	150	269	34 1/2	34 1/8	34 1/8	17 3/4	17 3/4	8 3/16	12 1/16	10 21/32	8 3/4	1	3	28	27	110278	4L-560
5000SD	202	357	42 7/16	39	39	19 3/4	19 3/4	9 5/8	16 21/32	15 21/32	8 3/4	1	3	36	33	110278	4L-670

* All Dimensions in inches.
† Shipping weight is without motor.
†† Operating weight shown is total weight of unit, motor and water.

MOTOR SPECIFICATIONS						CFM** INCHES STATIC PRESSURE												PUMP SPECIFICATIONS		
MODEL NO.	H.P.	MOTOR PART NO.	SPEED	VOLTS	AMPS*	0		0.1		0.2		0.3		0.4		0.5		PUMP PART NO.	VOLTS	AMPS
						CFM	RPM	CFM	RPM	CFM	RPM	CFM	RPM	CFM	RPM	CFM	RPM			
DOWN DISCHARGE																				
3000DD	1/3	110444	1	115	7.2	2175	562	2060	580	1970	603	1810	630	1650	660	1520	690	110436	120	0.7
		110445	2																	
4001DD	1/3	110444	1	115	7.2	3077	376	2880	400	2565	420	2240	440	NR	-	NR	-	110436	120	0.7
		110445	2																	
	1/2	110446	1	115	9.8	3654	443	3430	460	3230	475	3064	494	2498	514	2010	539	110436	120	0.7
		110447	2																	
5000DD	1/2	110446	1	115	9.8	4334	318	4000	330	3620	343	3300	363	2610	375	2170	405	110436	120	0.7
		110447	2																	
	3/4	110448	1	115	13.8	4983	370	4780	382	4530	396	4280	411	4020	427	3780	446	110436	120	0.7
		110449	2																	
SIDE DISCHARGE																				
3000SD	1/3	110444	1	115	7.2	2077	574	1950	595	1760	615	1700	645	1550	665	NR	-	110436	120	0.7
		110445	2																	
4001SD	1/3	110444	1	115	7.2	2973	402	2726	420	2550	435	2230	461	NR	-	NR	-	110436	120	0.7
		110445	2																	
	1/2	110446	1	115	9.8	3432	454	3230	470	3000	485	2775	500	2140	534	1475	535	110436	120	0.7
		110447	2																	
5000SD	1/2	110446	1	115	9.8	4190	328	3910	345	3650	359	3330	376	2900	392	NR	-	110436	120	0.7
		110447	2																	
	3/4	110448	1	115	13.8	4734	370	4600	392	4320	404	4060	418	3810	436	3630	455	110436	120	0.7
		110449	2																	

* Amp rating is Full-Load Amperage per National Electric Code (for Blower Motor Only).
** CFM - Cubic Feet per Minute