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CHAMPION 3000DD Owner's Manual

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RESIDENTIAL EVAPORATIVE AIR COOLERS

- ◆ **Tough Polyester Cabinet Finish Inside & Out to Resist Weather & Impact**
- ◆ **Unique Bolted Construction for Easy Access**
- ◆ **One-piece Bottom Pan for Leak-proof Operation Keeps Maintenance Low**
- ◆ **High Performance Pump**
- ◆ **Long-lasting Float Valve**
- ◆ **8-Yr Warranty on Bottom Pan**
- ◆ **Convenient Junction Box for easy motor and pump connection on whole-house units**
- ◆ **Motors not included on whole-house units.**
- ◆ **Whole-house units UL Classified**
- ◆ **Window Units Fully Assembled with Motor Mounted & Tested before shipment**
- ◆ **Window installation kit included**
- ◆ **Some window units have convertible grilles for horizontal or vertical installation.**
- ◆ **Window Units UL Listed**



WINDOW UNITS							
MODEL NO.	CABINET DIMENSIONS			TUNNEL DIMENSIONS			COOLS UP TO (SQ. FT.)
	H	W	D	H	W	D	
WCM28	27	24	17	10 ¹⁹ / ₃₂	20 ¹³ / ₁₆	11 ⁵ / ₃₂	400-800
*RWC35	30 1/2	31 1/2	21	13 ¹¹ / ₁₆	21 ³ / ₈	10 ¹¹ / ₁₆	600-800
WC37	33 1/2	28 1/8	28 1/8	13 ¹¹ / ₁₆	21 ³ / ₈	10 ¹¹ / ₁₆	600-800
WC44	34 1/2	34 1/8	28 1/2	13 ¹¹ / ₁₆	21 ³ / ₈	10 ¹¹ / ₁₆	700-1200
*(R)WC46	34 1/2	34 1/8	34 1/8	13 ¹¹ / ₁₆	21 ³ / ₈	10 ¹¹ / ₁₆	1000-1400
*(R)WC50	34 1/2	34 1/8	34 1/8	13 ¹¹ / ₁₆	21 ³ / ₈	10 ¹¹ / ₁₆	1200-1600

* INDICATES REMOTE CONTROL AVAILABLE ON THIS UNIT

WHOLE-HOUSE UNITS						
SIDE DISCHARGE (SD) / DOWN DISCHARGE (DD)						
MODEL NO.	CABINET DIMENSIONS			DUCT OPENING		COOLS UP TO (SQ. FT.)
3000SD/DD	33 ⁷ / ₈	28 ¹ / ₈	28 ¹ / ₈	13 ⁵ / ₈	13 ⁵ / ₈	600-800
4001SD/DD	34 1/2	34 1/8	34 1/8	17 ³ / ₄	17 ³ / ₄	800-1400
5000SD/DD	42 ⁷ / ₁₆	39	39	19 ³ / ₄	19 ³ / ₄	1400-1800



Cubic Feet Per Minute Charts for Whole-House Coolers

SIDE DISCHARGE	MODEL NO.	H.P.	CFM* INCHES STATIC PRESSURE						DOWN DISCHARGE	MODEL NO.	H.P.	CFM* INCHES STATIC PRESSURE					
			0	0.1	0.2	0.3	0.4	0.5				0	0.1	0.2	0.3	0.4	0.5
			3000 SD	1/3	2077	1950	1760	1700				1550	NR	3000 DD	1/3	2175	2060
4001 SD	1/3	2973	2726	2550	2230	NR	NR	4001 DD	1/3	3077	2880	2565	2240	NR	NR		
4001 SD	1/2	3432	3230	3000	2775	2140	1475	4001 DD	1/2	3654	3430	3230	3064	2998	2010		
5000 SD	1/2	4190	3910	3650	3330	2900	NR	5000 DD	1/2	4334	4000	3620	3300	2610	2170		
5000 SD	3/4	4734	4600	4320	4060	3810	3630	5000 DD	3/4	4983	4780	4530	4280	4020	3780		

*CFM ratings based on test data to AMCA (Air Movement and Control Association) standard 210 by an independent AMCA approved laboratory.

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