

HIGH CAPACITY AXIAL FAN

Evaporative Cooler Models
FAD242 & FAD248



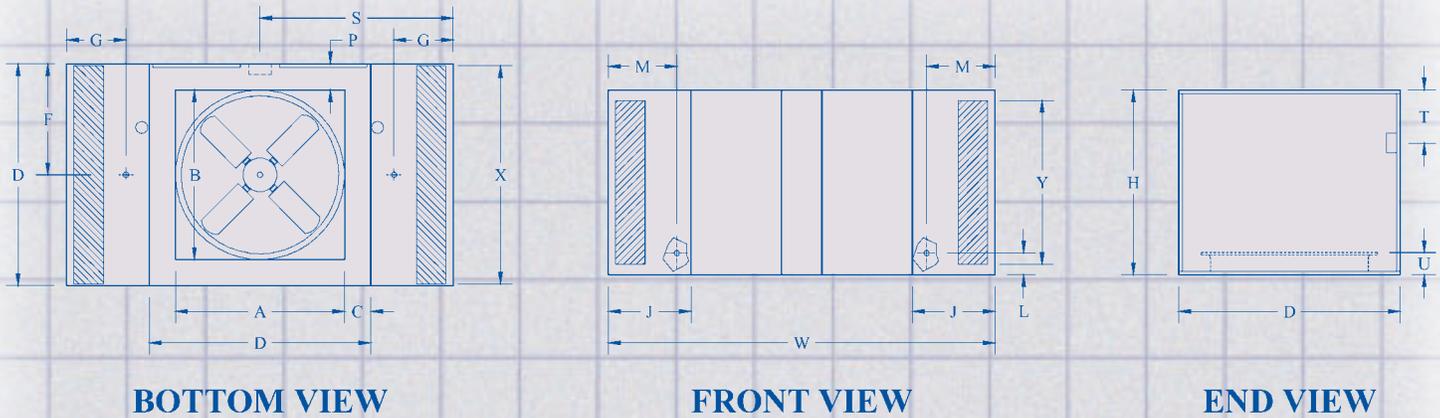
BENEFITS

- Heavy-Duty Cast Iron Pillow Block Ball Bearings for Fan Blade
- GFCI Protected Pumps Circuit
- Underwriters Laboratory Listed
- AMCA Performance Licensed
- Long-Life Rigid Evaporative Media
- Cabinet Shielded from Water with Plastic Reservoir and Plastic Evaporative Media Shields
- Heavy-Gauge Galvanized Steel Cabinet with Powder Paint Protection
- Belt Tension with Screw Adjustment
- Bolted Cabinet for Easy Parts Replacement
- Insect Catcher Intake Grilles Eliminate Evaporative Media Plugging
- More Cool Air Delivery Per Horsepower than Centrifugal Blower Type Evaporative Coolers



CHAMPION
COOLER

DIMENSIONAL DATA



DIMENSIONAL DATA*																				
BLOWER MODEL NUMBER	CABINET			DUCT OPENING		DUCT LOCATION		DRAIN LOCATION		WET MODULE	BOT. PAN RISER	MEDIA DIMENSION		WATER SERVICE		ELECTRIC SERVICE		APPROX. TOTAL RESERVOIR CAPACITY	APPROXIMATE WEIGHT (LBS)	
	H	W	D	A	B	C	P	F	G	J	U	X	Y	L	M	S	T		DRY	OPER.
FAD 242	40 1/8	97 1/4	60 1/4	46	46	7 1/8	7 1/8	30 1/8	12 1/2	18 1/2	6	60	34 1/2	5 7/8	14 5/8	48 5/8	4 3/4	30 GAL.	706	986
FAD 248	50 1/8	97 1/4	60 1/4	52	52	4 1/8	4 1/8	30 1/8	12 1/2	18 1/2	6	60	44 1/2	5 7/8	14 5/8	48 5/8	14 3/4	30 GAL.	732	1012

* All Dimensions in inches

CERTIFIED AIR DELIVERY CFM AT EXTERNAL STATIC PRESSURES

PERFORMANCE <i>Certified Air Delivery At .1" Increments Of External Static Pressure (Inches Static Pressure Water Gauge)</i>										
MODEL	BHP	FAN RPM	MOTOR PART NO.	COOLER VOLTAGE	PHASE	FAN MOTOR **AMPS	120V / 60HZ / 1PH TOTAL PUMP *AMPS	0"	0.1"	0.2"
								CFM	CFM	CFM
FAD242B111	1	451	110457	120	1	16	2.4	13906	11869	7714
FAD242B112			110457	208/230	1	8.8/8				
FAD242B132			110462-1	208/230	3	4.6/4.2				
FAD242B134			110462-1	460	3	2.1				
FAD242B211	2	580	110483	120	1	24	2.4	17550	15973	14122
FAD242B212			110483	208/230	1	13.2/12				
FAD242B232			110464-1	208/230	3	7.5/6.8				
FAD242B234			110464-1	460	3	3.4				
FAD248B211	2	608	110483	120	1	24	2.4	21096	19563	18031
FAD248B212			110483	208/230	1	13.2/12				
FAD248B232			110464-1	208/230	3	7.5/6.8				
FAD248B234			110464-1	460	3	3.4				

Performance shown is for installation type A - Free inlet, Free outlet. Performance rating includes the effects of the evaporative media in the air stream. Power rating (BHP) does not include drive losses.

* A separate 120V, 60Hz., 1-Phase pump electric circuit is required to maintain the integrity of the GFCI pump protection and to maintain the U.L. listing of the evaporative cooler. Pump amperage shown is the total of 2 pumps per cooler.

** Amperage shown is from National Electrical code. Use amperage shown on motor nameplate to determine motor protector. All external wiring and components such as disconnects, motor starters, and over-current protection are to be field supplies and are not included as part of the evaporative cooler.

UL Listed. Models FAD242B and FAD248B series coolers are U.L. Listed for non-ducted installations.



CHAMPION COOLER certifies that the evaporative air coolers shown here are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the Certified Ratings Program.



MADE IN U.S.A.

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