



## HIGH CAPACITY AXIAL FAN

EVAPORATIVE COOLER MODELS: FAD242 & FAD248



- ✦ Heavy-duty cast iron pillow block ball bearings for fan blade
- ✦ GFCI protected pump circuit
- ✦ AMCA Performance Licensed
- ✦ Plastic reservoir and media shields protect cabinet from water
- ✦ Long-life rigid evaporative media
- ✦ Heavy-gauge galvanized steel cabinet with powder paint protection
- ✦ Belt tension with screw adjustment
- ✦ Bolted cabinet for easy parts replacement
- ✦ Fine grid intake grille prevents evaporative media plugging
- ✦ More air delivery per horsepower than centrifugal blower type units

# EXTREME COOLING FOR INDUSTRIAL USES



**BOTTOM VIEW**

**FRONT VIEW**

**END VIEW**

Match the letter on the diagrams above to their correlating letter in the table below.

COOLER DIMENSIONS (IN INCHES)																					
BLOWER MODEL NUMBER	CABINET			DUCT OPENING		DUCT LOCATION		DRAIN LOCATION		WET MOD-ULE	BOTTOM PAN RISER	MEDIA DIMENSIONS		WATER SERVICE		ELECTRIC SERVICE		APPROX. TOTAL RESERVOIR CAPACITY	APPROX. WEIGHT (LBS)		
	H	W	D	A	B	C	P	F	G			J	U	X	Y	L	M		S	T	DRY
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	

## CERTIFIED AIR DELIVERY

PERFORMANCE AT 0.1" INCREMENTS OF EXTERNAL PRESSURE

MODEL	BHP	FAN RPM	MOTOR P/N	COOLER VOLTAGE	PHASE	FAN MOTOR AMPST†	120V/ 60HZ/ 1 PH TOTAL PUMP AMPS*	0"	0.1"	0.2"
								CFM	CFM	CFM
FAD242B111 FAD242B112 FAD242B132 FAD242B134	1	451	110457 110457 110462-1 110462-1	120 280/230 208/230 460	1 1 3 3	16 8.8/8 4.6/4.2 2.1	2.4	13906	11869	7714
FAD242B211 FAD242B212 FAD242B232 FAD242B234	2	580	110483 110483 110464-1 110464-1	120 208/230 208/230 460	1 1 3 3	24 13.2/12 7.5/6.8 3.4	2.4	17550	15973	14122
FAD248B211 FAD248B212 FAD248B232 FAD248B234	2	608	110483 110483 110464-1 110464-1	120 208/230 208/230 460	1 1 3 3	24 13.2/12 7.5/6.8 3.4	2.4	21096	19563	18031

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.

† Amperage shown is from the 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.

\* A separate 120V, 60 Hz. 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.

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



MasterCool® by Champion Cooler certifies that the evaporative 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.

