

**Low Profile, High Capacity, High Efficiency Evaporative Cooling
13,000 to 16,000 CFM Industry Standard Rating**

Features

- "Low profile" (only 42.75" high)
- Factory tested and shipped ready to operate, including factory wired components
- ETL Listed and labeled in accordance with U.L. standards
- Copper-wound, heavy duty ball bearing motors
- One high capacity pump provides complete media saturation
- Self-aligning, heavy duty, greaseable, pillow block, ball type fan bearings
- Fan performance is factory set to job specific specifications
- "Rain-Tight" pitched top construction (1/4"/12")
- Aspen wood fiber media with dust trap filters
- Lifting sky hooks
- The most up-to-date propeller type axial fan affords maximum air delivery while minimizing horsepower
- Heavy gauge, hot dipped galvanized steel construction
- Epoxy powder base paint finish baked on at 375°
- Rugged cabinet assembly with double thick steel corners
- Adjustable motor sheave for air flow adjustment

• **500 Series - "Low Profile"**

• **UMP-536**

-Down Discharge

Available Options

- Class II, U.L. 900 media
- Control packages
- Clean Pump
- Self-tensioning belt
- Installation accessories
- Fused and non-fused disconnects

Resources Available for This Product

- Catalog By Mail
- Catalog Online



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Patent #4774030 or other patents pending

Model #	Industry Standard Rating	AIR DELIVERY IN CUBIC FEET PER MINUTE (CFM)								ELECTRICAL SPECIFICATIONS						FAN UNIT				Evaporative Media	Weights ③			
		Inches Static Pressure (W.G.) ①								Fan Motor ②			Pump			Fan		Drives			Quantity-Width x Height	Shipping	Operate	
		0	0.1	0.2	0.3	0.4	HP	Max BHP	Volt/Phase	Volt/Phase	GPH	Volt/Phase	Dia.	Max RPM	Motor Pulley O.D.	Fan Pulley O.D.	Belt	Shaft						
CFM	RPM	CFM	RPM	CFM	RPM	CFM	RPM	CFM	RPM	115/208/230 1 Phase Amps	208/230/460 3 Phase Amps	@ 5' Head	115 1 Phase Amps	3.75"	11.25"	A48	1"							
UMP-536 Down	13,000	9,793	395	7,903	395	6,147	395	--	--	3/4	.86	10.6 / 6.0 / 5.3	3.0 / 3.4 / 1.7	380	1.2	42"	690	3.75"	11.25"	A48	1"	8 - 30 x 36	480	780
	14,000	10,859	438	9,065	438	7,223	438	4,855	438	1	1.15	13.0 / 6.3 / 6.5	3.6 / 3.8 / 1.9	380	1.2	42"	690	3.75"	11.25"	A48	1"	8 - 30 x 36	480	780
	16,000	12,397	500	10,728	500	9,300	500	7,628	500	1 1/2	1.72	18.0 / 9.5 / 9.0	4.5 / 4.2 / 2.1	380	1.2	42"	690	3.75"	11.25"	A48	1"	8 - 30 x 36	489	802

* Performance rating include the effects of the evaporative media, inlet louver, motor and drives in the airstream.

* Performance certified is for installation Type B: Free Inlet, Ducted Outlet

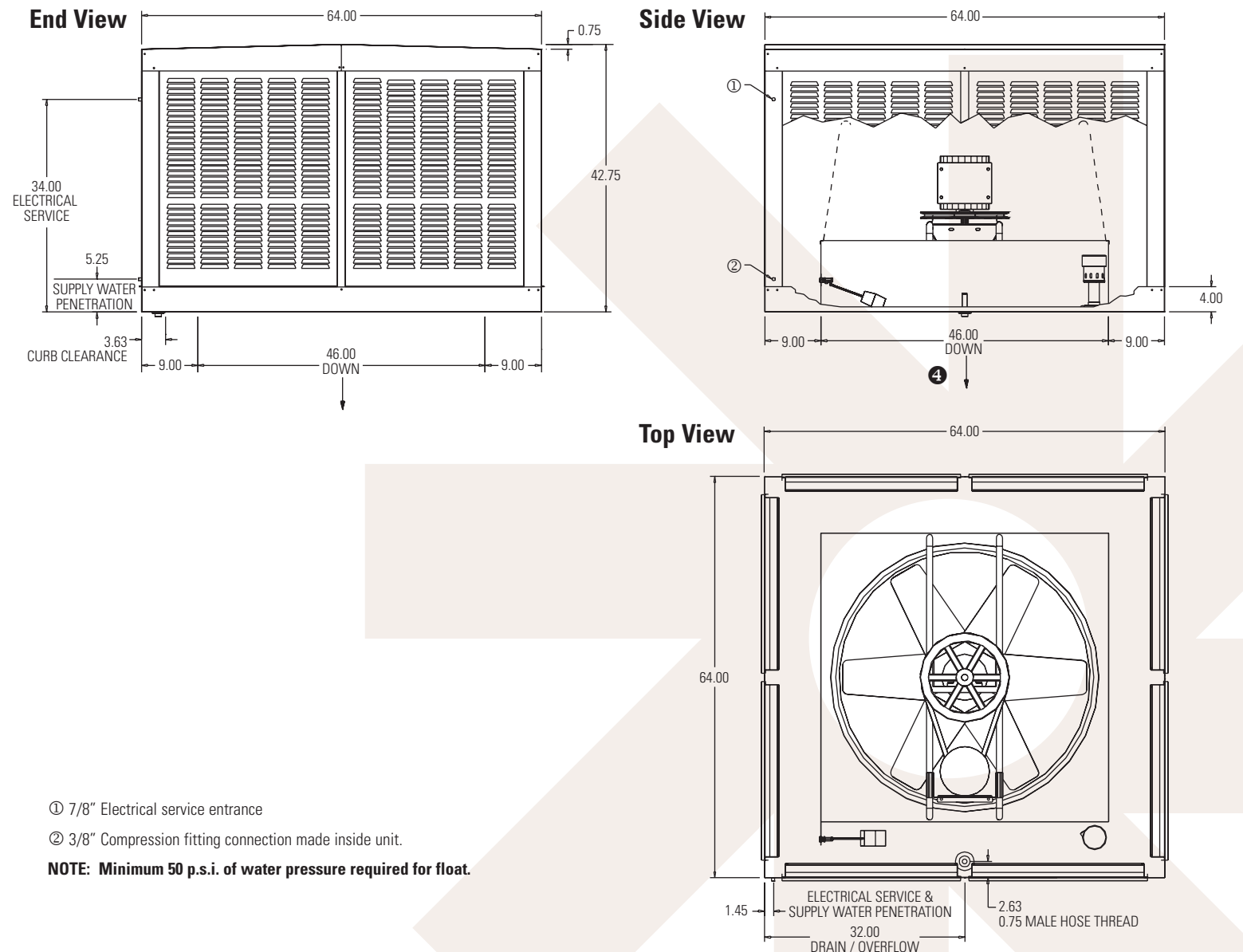
* Power rating (BHP) does not include transmission losses.

① The 500 series fan type evaporative coolers are only designed for straight down ducted applications. External static pressure ranges of 0.0" to 0.2". Higher ESP are only shown to demonstrate fan characteristics and performance with loaded media. For ducted applications with external static pressures exceeding 0.2" a UMP-800 or 900 series blower model is recommended.

② Only motors with 1 HP or less are provided with integral thermal protection. Motors 1.5 HP or greater require a separate motor overload device. Amperage ratings shown is nameplate data. Consult factory for overload and control options.

③ Weights are in pounds and include motors, pumps and drives. Operating weights include saturated media and assumes 2.5" depth of water in sump. Weights exclude optional accessories such as curb, diffuser and controls.

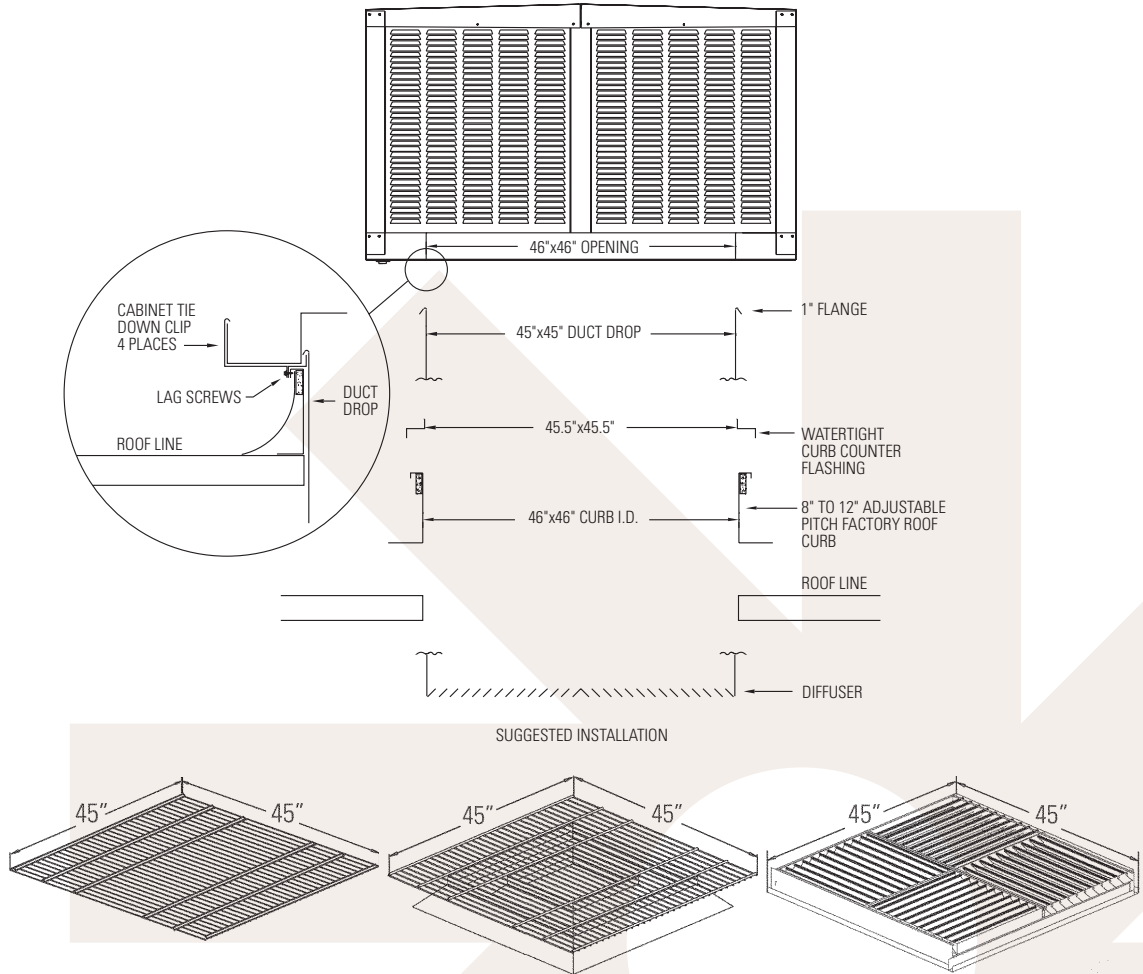
④ Minimum duct sizing should equal discharge dimension. Evaporative cooling is an adiabatic process. Possibility of water damage may exist. Special consideration must be taken when utilizing an evaporative cooler. Consult factory for special applications.





UMP-536 Optional Accessories

Description	Part #	Material/Finish	Opening	Weight in Lbs.
UMP-536 Adj. Curb	7220-46	18 ga galv.	46" x 46"	60
Cabinet Tie-Down Kit	12434	16 ga painted galv.	--	4



Description	UFG45 Grill	UFD45-2 Grill Diffuser	A4545 Auto Damper Diff.
Discharge Height Application	16' and above	12' to 16'	12' to 16'
Part #	10604	80284	20038
Pressure Drop @ 1,200 FPM	.02"	.07"	.10"
Material / Finish	Galv. / Beige	Galv. / Beige	Aluminum
Weight in Lbs.	14	29	59

CAUTION - Guards must be installed when fan is delivering air over an occupied space, or when deemed advisable for safety. UMP diffusers feature a "safety guard" design. FAN-AIR coolers will not be provided without a diffuser or grille.