

EFFICIENCY MATTERS



		CFM	SURFACE AREA sq. ft.	FACE VELOCITY	% EFFICIENCY	Pad Thickness
CS	CS5-16VD (HIGH)*	2825*	5	420	80	8"
CS	CS5-16VD (LOW)	700*	5	276	85	8"
PC	18" VS	3000*	6	500	69	6"
PC	24" VS	4400*	9	488	79	8"
PC	36" SS	10000*	20	500	79	8"
PC	36 VS	11000*	16	687	66	6"
PAC	PAC2K16HPSFC	4000*	6	666	64.5	6"
CS	CS6-36VD	9500*	20	480	79	8"
PAC	PAC2K36HPVS	10100*	20	505	68	6"
PAC	PACHR3600	14500*	30	483	66	6"
CS	CS5-482B (HIGH)	19600*	30	646	78	8"
CS	CS5-482B (LOW)	12400*	30	413	81	8"
PAC	PAC2K482S(HIGH)	20000*	30	666	64.5	6"
PAC	PAC2K482S(LOW)	11000*	30	366	72	6"

Formulas:

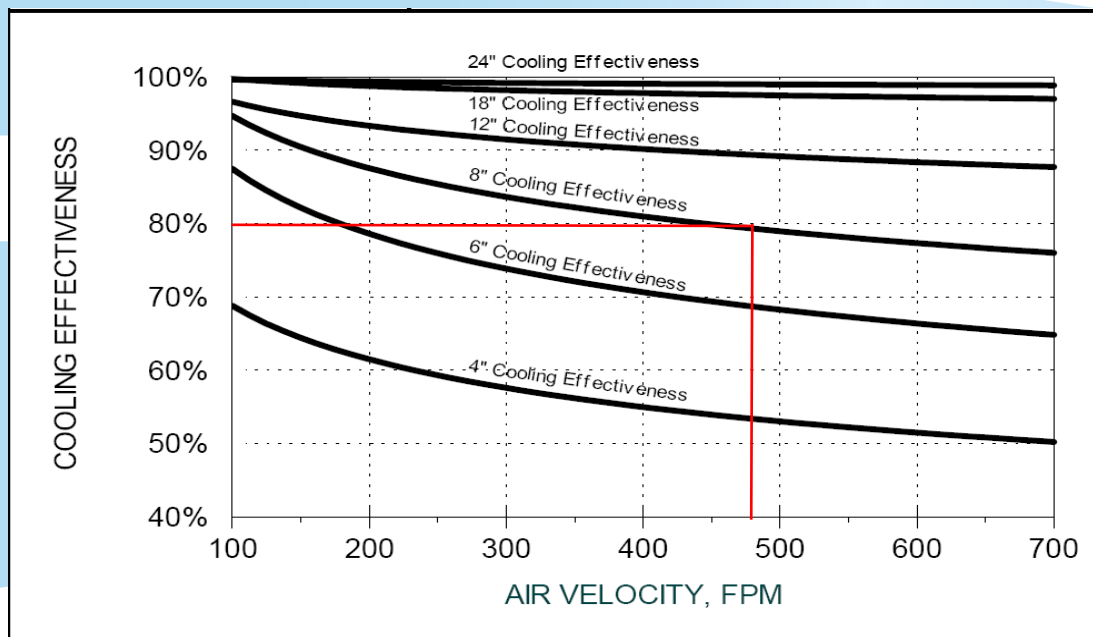
Surface Area- Width X Height of open face area throughout which air will flow (expressed in sq. ft.)

Face Velocity- CFM / Face area (sq. ft.) Expressed in feet per minute. (FPM)

% Efficiency- Saturation efficiency ability to transfer water vapor into the air stream

Note: Face velocities higher than 600 FPM are not recommended. Example: At air velocity of 500 FPM and media thickness of 12", the saturation efficiency will be 90%. Recommended design velocity is 500-550 feet per minute. This is the best trade-off between performance and cost.

*CFM stated in manufacturer's specifications



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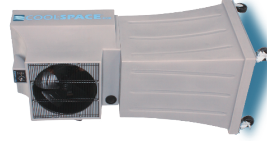
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Model No.

CSW-12-VD

CS5-16-VD

CS5-16-VD-TB

CS6-36-1D

CS6-36-3B

CS6-36-VD

CS5-48-2B

Electrical supply	110V / 1ph / 60 Hz	110V / 1ph / 60 Hz	110V / 1ph / 60 Hz	110V / 1ph / 60 Hz	110V / 1ph / 60 Hz	110V / 1ph / 60 Hz	110V / 1ph / 60 Hz
Fan size diameter	in.	12	18	18	36	36 in.	48 in.
Fan power	hp	1/3	1/2	1/2	1/2	3/4 hp	1 hp
Fan type		Axial	Axial	Axial	Axial	Axial	Axial
Fan speed		Variable	Variable	Variable	1-speed	3-speed	2-speed
Air flow							
- High	cfm	2,200	2,825	2,825	9,500	9,500 (7,500 med.)	19,600
- Low	cfm	300	700	700		5,900	12,400
Static pressure ESP	in. WC	0.15	0.15	0.15	0.15	0.15	0.15
Fan Drive		Direct	Direct	Direct	Direct	Belt	Belt
Fan Amperage							
- High	A	2.1	2.9	2.9	6.0	5.9	9.6
- Low	A	0.43	1.45	1.45		3.2	5.8
Sound Level	dB(A) @ 3ft.	71	63	63	61	61	62
Pump Amperage	A	0.06	1.5	1.5	1.5	1.5	1.5
Cooling media depth	in.	4	8	8	8	8	8
Cooling media area	ft²	2.25	5	5	20	20	30
Cooling capacity	ft²	600 - 800	1100 - 1300	1100 - 1300	2800 - 3000	2800 - 3000	4400 - 4700
Water reservoir capacity	gal	10	16	52	46	46	64
Water supply							
Unit dimensions	in.	23w x 22d x 28h	26w x 24d x 44.5h	26w x 24d x 77.5h	62w x 30d x 70h	62w x 30d x 70h	75w x 34.5d x 84h
Shipping weight	lbs	59	150	180	315	315	510