

SUMMIT DIRECT DRIVE HVLS FAN

PRODUCT SPECIFICATIONS

HIGH VOLUME LOW SPEED FAN

Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 77.36
8'	100%	40,475	196	480 V / 3 PHASE	480 / 3 / 60	657	FORWARD	10.4 W	61.64
8'	80%	31,672	157	480 V / 3 PHASE	480 / 3 / 60	370	FORWARD	10.4 W	85.68
8'	60%	23,796	118	480 V / 3 PHASE	480 / 3 / 60	225	FORWARD	10.4 W	105.73
8'	40%	15,916	79	480 V / 3 PHASE	480 / 3 / 60	154	FORWARD	10.4 W	103.15
8'	20%	7,740	39	480 V / 3 PHASE	480 / 3 / 60	130	FORWARD	10.4 W	59.50
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 102.98
10'	100%	59,606	154	480 V / 3 PHASE	480 / 3 / 60	716	FORWARD	10.8 W	83.30
10'	81%	47,719	124	480 V / 3 PHASE	480 / 3 / 60	442	FORWARD	10.8 W	107.96
10'	60%	34,926	92	480 V / 3 PHASE	480 / 3 / 60	244	FORWARD	10.8 W	142.97
10'	40%	23,239	62	480 V / 3 PHASE	480 / 3 / 60	169	FORWARD	10.8 W	137.94
10'	20%	10,945	31	480 V / 3 PHASE	480 / 3 / 60	132	FORWARD	10.8 W	82.82
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 130.46
12'	100%	80,305	125	480 V / 3 PHASE	480 / 3 / 60	796	FORWARD	9 W	100.95
12'	80%	63,805	100	480 V / 3 PHASE	480 / 3 / 60	462	FORWARD	9 W	138.24
12'	60%	47,510	75	480 V / 3 PHASE	480 / 3 / 60	261	FORWARD	9 W	182.23
12'	40%	31,245	50	480 V / 3 PHASE	480 / 3 / 60	174	FORWARD	9 W	179.89
12'	20%	15,041	25	480 V / 3 PHASE	480 / 3 / 60	123	FORWARD	9 W	122.08
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 148.74
14'	100%	106,143	106	480 V / 3 PHASE	480 / 3 / 60	982	FORWARD	10.3 W	108.08
14'	80%	84,784	85	480 V / 3 PHASE	480 / 3 / 60	532	FORWARD	10.3 W	159.51
14'	59%	62,625	63	480 V / 3 PHASE	480 / 3 / 60	289	FORWARD	10.3 W	216.78
14'	40%	41,616	42	480 V / 3 PHASE	480 / 3 / 60	181	FORWARD	10.3 W	230.12
14'	20%	20,288	21	480 V / 3 PHASE	480 / 3 / 60	127	FORWARD	10.3 W	159.39
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 180.04
16'	100%	132,919	90	480 V / 3 PHASE	480 / 3 / 60	970	FORWARD	10.7 W	136.98
16'	80%	106,297	72	480 V / 3 PHASE	480 / 3 / 60	574	FORWARD	10.7 W	185.13
16'	60%	79,701	54	480 V / 3 PHASE	480 / 3 / 60	319	FORWARD	10.7 W	249.57
16'	40%	52,190	36	480 V / 3 PHASE	480 / 3 / 60	186	FORWARD	10.7 W	280.06
16'	20%	24,779	18	480 V / 3 PHASE	480 / 3 / 60	138	FORWARD	10.7 W	179.51
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 195.76
18'	100%	164,103	81	480 V / 3 PHASE	480 / 3 / 60	1,136	FORWARD	10.2 W	144.43
18'	80%	131,713	65	480 V / 3 PHASE	480 / 3 / 60	637	FORWARD	10.2 W	206.85
18'	60%	99,141	49	480 V / 3 PHASE	480 / 3 / 60	361	FORWARD	10.2 W	274.22
18'	40%	63,637	32	480 V / 3 PHASE	480 / 3 / 60	201	FORWARD	10.2 W	317.34
18'	20%	29,406	16	480 V / 3 PHASE	480 / 3 / 60	148	FORWARD	10.2 W	199.24
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 213.64
20'	100%	191,503	72	480 V / 3 PHASE	480 / 3 / 60	1,237	FORWARD	13 W	154.83
20'	81%	150,687	58	480 V / 3 PHASE	480 / 3 / 60	663	FORWARD	13 W	227.28
20'	61%	112,404	44	480 V / 3 PHASE	480 / 3 / 60	366	FORWARD	13 W	306.83
20'	40%	64,476	29	480 V / 3 PHASE	480 / 3 / 60	198	FORWARD	13 W	341.53
20'	19%	37,997	14	480 V / 3 PHASE	480 / 3 / 60	149	FORWARD	13 W	262.44
Fan Size / Impeller Diameter	Calculated % of Max CFM	CFM *Tested to ANSI/AMCA Standard 230-15 HVLS*	Fan RPM	Input Power	Voltage / Phase / Frequency	Input Power W	Direction of Operation (Forward / Reverse)	Stand By Power	Integrated Efficiency (CFM / Watt) Overall Rating = 280.71
24'	100%	237,716	55	480 V / 3 PHASE	480 / 3 / 60	1,193	FORWARD	11 W	199.33
24'	80%	189,628	44	480 V / 3 PHASE	480 / 3 / 60	641	FORWARD	11 W	295.67
24'	60%	135,762	33	480 V / 3 PHASE	480 / 3 / 60	336	FORWARD	11 W	404.32
24'	40%	88,311	22	480 V / 3 PHASE	480 / 3 / 60	188	FORWARD	11 W	468.97
24'	20%	53,577	11	480 V / 3 PHASE	480 / 3 / 60	143	FORWARD	11 W	375.96



Entrematic certifies that the Direct Drive model 8'-24' shown herein is licensed to bear the AMCA seal. The ratings shown are based on the tests and procedures performed in a cordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

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