



aerotech

Size 40

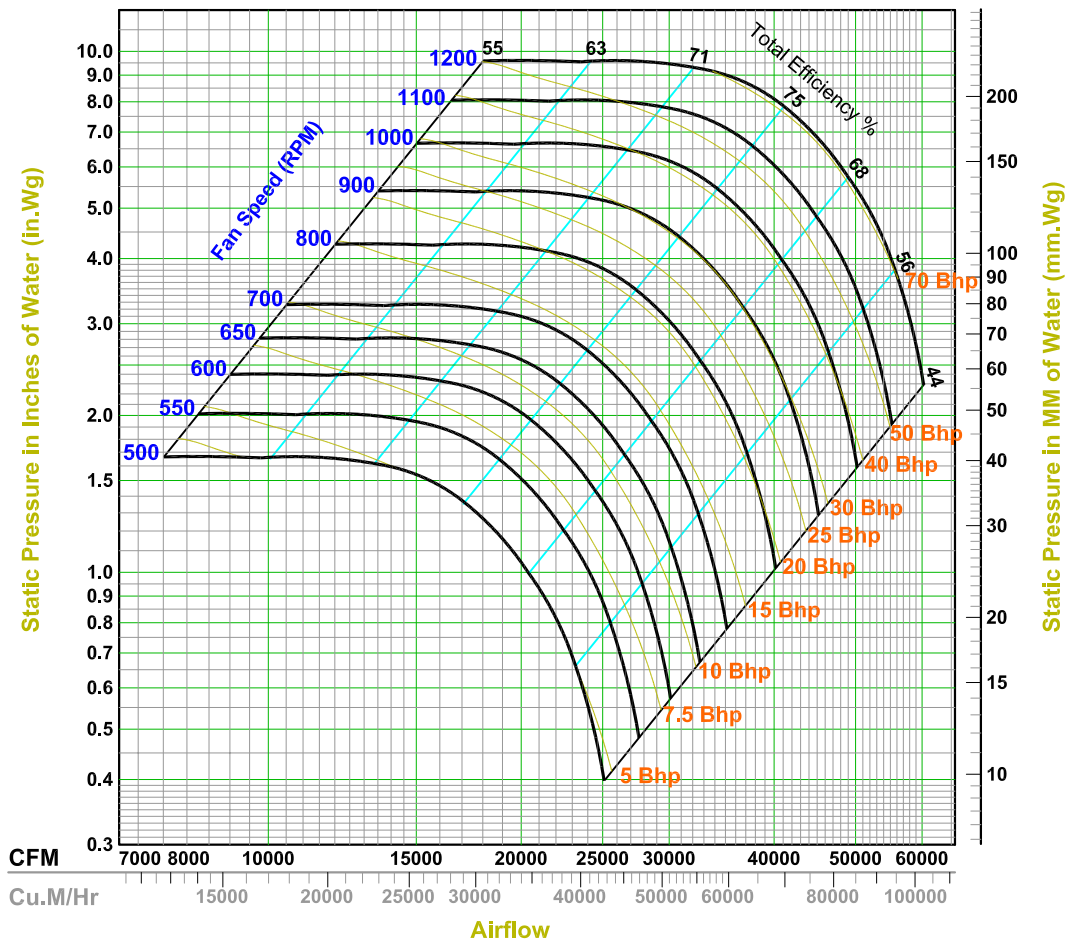
Outlet Area 17.56 Sq.Ft.

FEG 75

Outlet Velocity

FPM

400 500 1000 1500 2000 2500 3000



Performance certified is for installation type B - Free inlet, Ducted outlet. Power rating bhp does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories).

Sound Power Levels

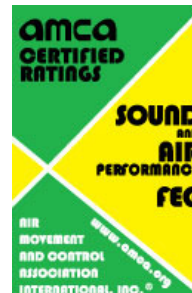
Software Version AESOFT-001-November-2012

N RPM	Ps in.Wg	Lwi (dB) at Center Frequency (Hz)								LwA
		63	125	250	500	1K	2K	4K	8K	
500	0.70	84	88	83	80	75	72	69	66	82
	1.36	81	85	79	75	70	71	72	73	80
	1.66	84	85	79	77	72	72	72	72	80
	0.85	86	89	86	82	77	74	71	68	84
550	1.65	83	86	82	77	72	73	74	75	82
	2.01	86	86	82	79	74	74	74	74	83
	1.01	89	91	89	85	80	76	73	70	87
600	1.96	86	88	85	80	75	74	75	76	84
	2.39	89	88	85	81	77	76	76	76	85
	1.18	91	92	91	87	82	78	75	72	89
650	2.30	88	89	88	82	77	76	77	78	86
	2.80	91	90	88	84	79	77	77	77	87
	1.37	93	94	93	89	84	80	77	74	91
700	2.67	90	91	90	84	79	77	78	79	88
	3.25	94	92	90	85	81	79	79	79	89
N RPM	Ps in.Wg	Lwi (dB) at Center Frequency (Hz)								LwA
		63	125	250	500	1K	2K	4K	8K	
800	1.79	96	97	97	93	88	84	81	78	95
	3.48	93	94	94	88	83	80	81	82	91
	4.24	98	96	94	89	85	82	82	82	92
	2.27	100	100	101	96	92	87	84	81	98
900	4.41	98	97	98	92	87	83	84	85	95
	5.37	101	99	98	92	89	84	84	84	95
	2.80	102	102	104	99	95	90	87	84	101
1000	5.44	99	99	101	95	90	85	86	87	98
	6.63	101	102	101	95	92	87	87	87	98
	3.39	105	105	106	102	97	92	89	86	104
1100	6.59	102	102	103	98	92	87	88	89	100
	8.02	107	105	103	98	94	89	89	89	101
	4.03	106	107	107	104	100	95	91	88	106
1200	7.84	104	104	104	101	95	90	89	90	102
	9.55	109	107	104	101	96	92	91	91	103

Values shown are for inlet Lwi and inlet Lwi(A) sound power levels for installation Type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, refer to 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

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Alreng Company
certifies that the DWDI
Centrifugal fan shown
herein is licensed to
bear the **AMCA Seal**.
The ratings shown are
based on tests and
procedures performed in
accordance with **AMCA**
Publication 211 and 311
and comply with the
requirements of the
AMCA Certified Ratings
Program.



Backward Centrifugal
DWDI