



**aerotech**

**Size 48**

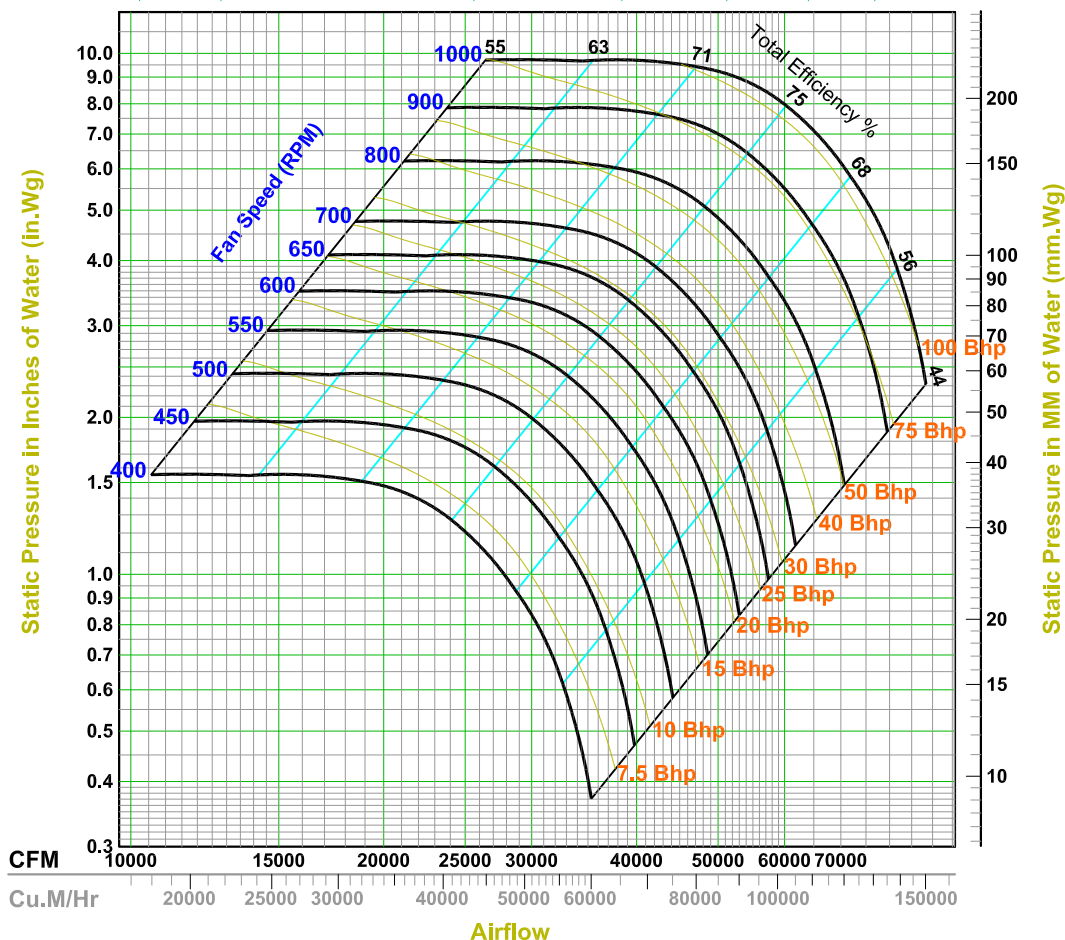
Outlet Area 25.60 Sq.Ft.

**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).

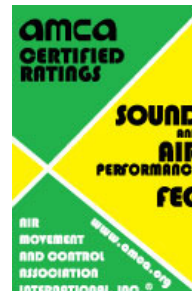
### Sound Power Levels

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	
400	0.65	85	87	83	79	74	72	68	65	81
	1.27	82	84	79	74	71	72	73	74	80
	1.55	84	84	79	76	72	72	72	72	81
	0.83	88	91	86	82	78	75	72	69	85
450	1.61	85	88	82	77	73	74	75	76	83
	1.96	87	88	82	79	75	75	75	75	83
	1.02	90	94	89	85	80	77	74	71	88
	1.98	87	91	85	80	75	76	77	78	85
500	2.42	90	91	85	82	77	77	77	77	86
	1.23	93	95	92	88	83	80	77	74	90
	2.40	90	92	88	83	78	78	79	80	88
	2.92	93	92	88	85	80	79	79	79	88
550	1.47	95	97	95	90	86	82	79	76	93
	2.86	92	94	91	86	81	80	81	82	90
	3.48	96	94	91	87	83	81	81	81	91
600	1.72	97	99	97	93	88	84	81	78	95
	3.35	94	96	93	88	83	82	83	84	92
	4.08	98	96	93	89	85	83	83	83	93
	2.00	99	100	99	95	90	86	83	80	97
700	3.89	96	97	96	90	85	83	84	85	94
	4.74	100	98	96	91	87	85	85	85	95
	2.61	103	103	103	98	94	90	87	84	101
	5.08	100	100	100	94	89	86	87	88	97
800	6.18	104	102	100	95	91	88	88	88	98
	3.31	106	106	107	102	97	93	90	87	104
	6.43	103	103	104	98	92	88	89	90	101
	7.83	108	105	104	98	94	90	90	90	101
900	4.08	109	108	110	105	100	95	92	89	107
	7.93	106	105	107	101	95	90	91	92	103
	9.66	111	108	107	101	97	92	92	92	104
	1000									

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<sup>-12</sup> watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

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**