



**aerotech**

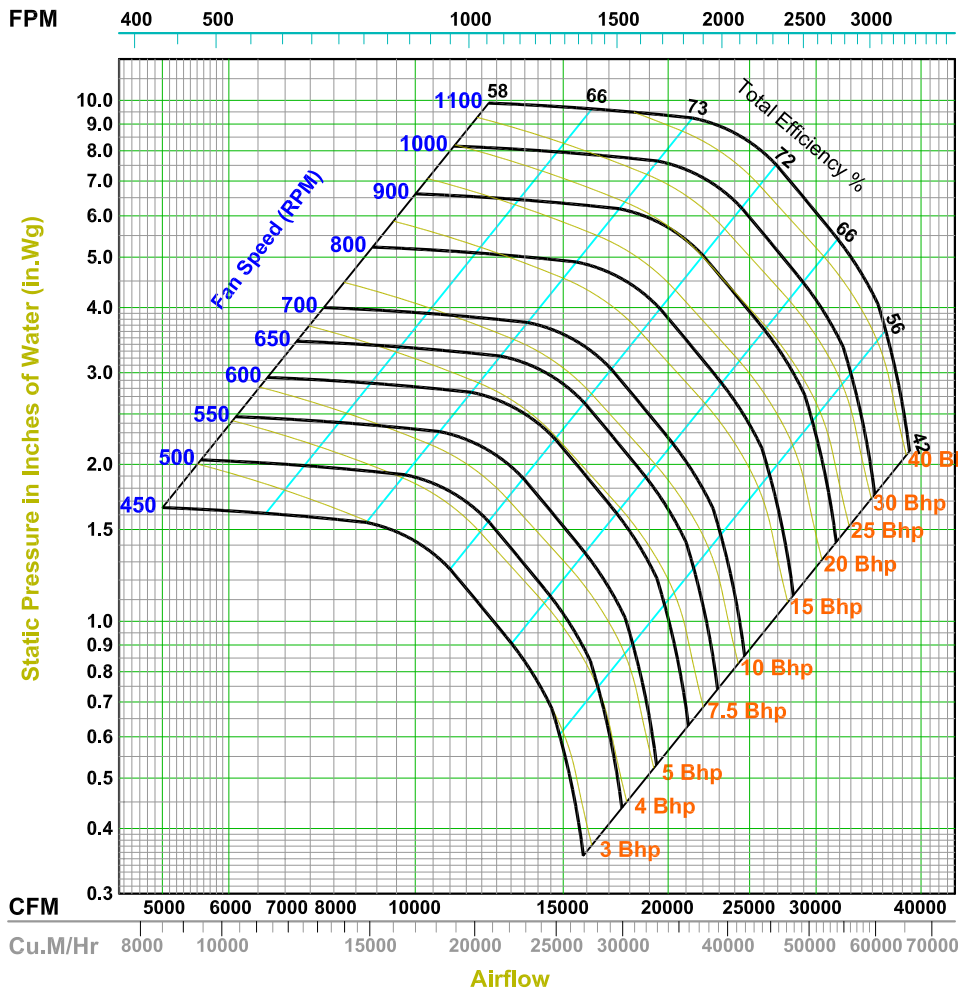
**Size 44**

Outlet Area 11.58 Sq.Ft.

**FEG 75**

Outlet Velocity

FPM



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).

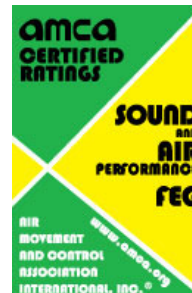
### Sound Power Levels

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	
450	0.94	78	81	77	75	70	70	70	70	78
	1.55	77	78	74	71	69	71	73	75	79
	1.63	81	80	76	73	69	70	71	72	79
	1.16	80	84	79	78	73	73	73	73	81
500	1.91	80	81	76	74	71	73	75	77	81
	2.02	84	83	78	76	72	73	74	75	81
	1.40	83	86	82	80	75	75	75	75	83
550	2.31	84	83	79	76	73	74	76	78	83
	2.44	87	85	81	78	74	75	76	77	83
	1.66	85	87	85	82	78	77	77	77	85
600	2.75	87	84	82	78	75	76	78	80	85
	2.90	90	86	84	80	77	76	77	78	85
	1.95	88	89	87	84	80	78	78	78	87
650	3.23	90	86	84	81	77	78	80	82	87
	3.41	93	88	86	83	79	78	79	80	87
700	2.26	90	90	90	86	82	80	80	80	89
	3.75	93	88	87	83	79	79	81	83	88
	3.95	95	90	89	85	81	79	80	81	89
	2.96	94	93	94	89	86	83	83	83	93
800	4.89	98	92	91	86	83	81	83	85	91
	5.16	100	95	93	88	85	82	83	84	92
	3.74	97	96	97	92	90	85	85	85	96
900	6.20	103	95	94	89	86	84	86	88	94
	6.53	103	99	96	91	88	85	86	87	95
	4.62	100	98	100	95	93	88	88	88	99
1000	7.65	107	98	97	92	89	86	88	90	97
	8.07	107	102	99	94	91	87	88	89	98
	5.59	102	101	102	98	95	90	90	90	101
1100	9.25	108	102	99	95	91	88	89	91	99
	9.76	109	105	101	97	93	89	90	91	100

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 SWSI  
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*  
**SWSI**