



**aerotech**

**Size 33**

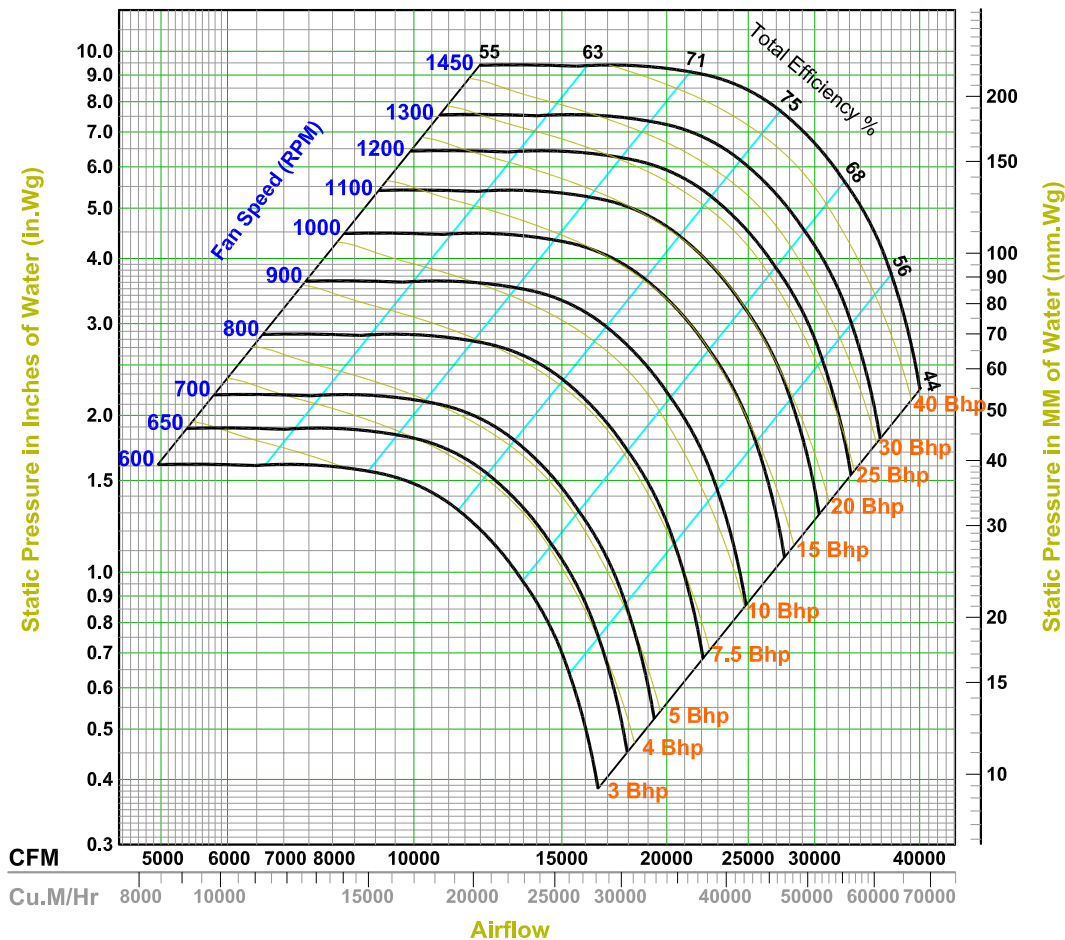
Outlet Area 11.82 Sq.Ft.

**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).

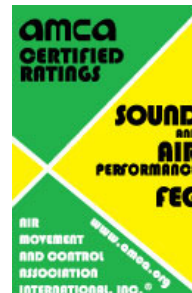
**Sound Power Levels**

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		
600	0.66	81	84	82	78	74	70	67	64	81	
	1.32	78	81	79	74	69	68	69	70	78	
	1.60	82	81	79	75	71	69	69	69	79	
650	0.79	83	85	85	81	76	72	69	66	83	
	1.54	80	82	81	76	71	70	71	72	80	
	1.88	84	83	81	77	73	71	71	71	81	
700	0.92	85	87	87	83	78	74	71	68	85	
	1.79	82	84	83	78	73	71	72	73	82	
	2.18	86	85	83	79	75	73	73	73	83	
800	1.20	89	90	91	87	82	78	75	72	89	
	2.34	86	87	88	82	77	74	75	76	85	
	2.85	90	89	88	83	79	76	76	76	86	
900	1.52	92	93	95	90	85	81	78	75	92	
	2.96	89	90	91	86	80	76	77	78	88	
	3.60	94	92	91	86	82	78	78	78	89	
N RPM	Ps in.Wg	Lwi (dB) at Center Frequency (Hz)									LwA
		63	125	250	500	1K	2K	4K	8K		
1000	1.88	95	95	98	93	89	84	81	78	95	
	3.65	92	92	95	89	84	79	80	81	91	
	4.45	97	95	95	89	86	81	81	81	92	
1100	2.27	97	98	99	96	91	86	83	80	97	
	4.42	94	95	96	92	86	81	82	83	94	
	5.38	100	98	96	92	88	83	83	83	95	
1200	2.71	99	100	101	98	94	89	85	82	100	
	5.26	96	97	98	95	89	84	83	84	96	
	6.41	102	101	98	95	90	86	85	85	97	
1300	3.18	101	102	102	101	96	91	87	84	102	
	6.17	98	99	99	97	91	86	85	86	98	
	7.52	104	103	100	97	93	88	86	86	99	
1450	3.95	103	105	105	104	99	94	90	87	105	
	7.68	101	102	102	100	94	89	87	88	101	
	9.35	107	106	103	100	95	91	89	89	102	

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**