Howden American Fan Company
Combination Data Sheet
AFF - Forward Curved

Quotation Number	:	Fan Code	: AF-12-F13430-7
Project Name	: Industrial Fan Direct	Customer	:
Item Reference:	:	Date:	:

Conditions Specified

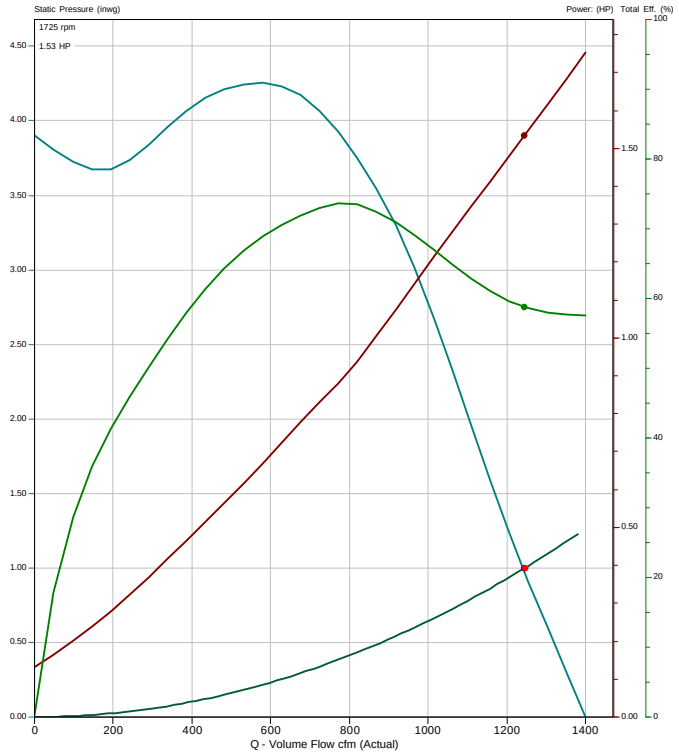
Volume	1245 cfm
Outlet Pressure	1.00 inwg (static)
Inlet Pressure	0.00 inwg (static)
Density	0.075 lb/ft³
Humidity	50 %
Operating Temperature	68 °F
Construction Temperature	0 - 150 °F Standard
Altitude	0 ft
Arrt	4 (dDirect)

Fan Selection

Fan Code	AF-12-F13430-7
Volume	1243 cfm
Pressure @ 0.075 lb/ft³	1.00 inwg (static)
Pressure @ 0.075 lb/ft³	1.00 inwg (static)
Power @ 0.075 lb/ft³	1.53 HP
Power @ 0.075 lb/ft³	1.53 HP
Fan Speed	1725 rpm
Max Speed	3600 rpm
Wheel Tip Speed	6098 fpm
Max Safe Tip Speed	12727 fpm
Velocity	7619 fpm
Static Efficiency	13 %

Motor Selection

Motor Frame	56C
Enclosure	AF Enclosure TEFC
Efficiency Grade	Standard
Speed	1725 rpm
Power	2.00 HP
Full Load	2.9 A
Locked Rotor	17.4 A
Electrical Supply	460 Volts 60 Hz 3 Phase



	Sound Spectrum (Hz)								Overall	
	63	125	250	500	1k	2k	4k	8k	Lw*	LpA @ 3 ft**
Inlet*	77	82	87	85	85	83	79	72	92	79

* Lw dB re 10^{-12} W ** dBA re $2x10^{-5}$ Pa

Terms and Conditions: This offer is made subject to the terms and conditions detailed on the accompanying letter.

Description	Qty
Fan	
AF-12-F13430-7	1
Fan Accessories	

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, Ohio, 45014
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