



Quotation Number :  
 Project Name : Industrial Fan Direct  
 Item Reference: :

Fan Code : AF-12-F13430-7  
 Customer :  
 Date: :

**Conditions Specified**

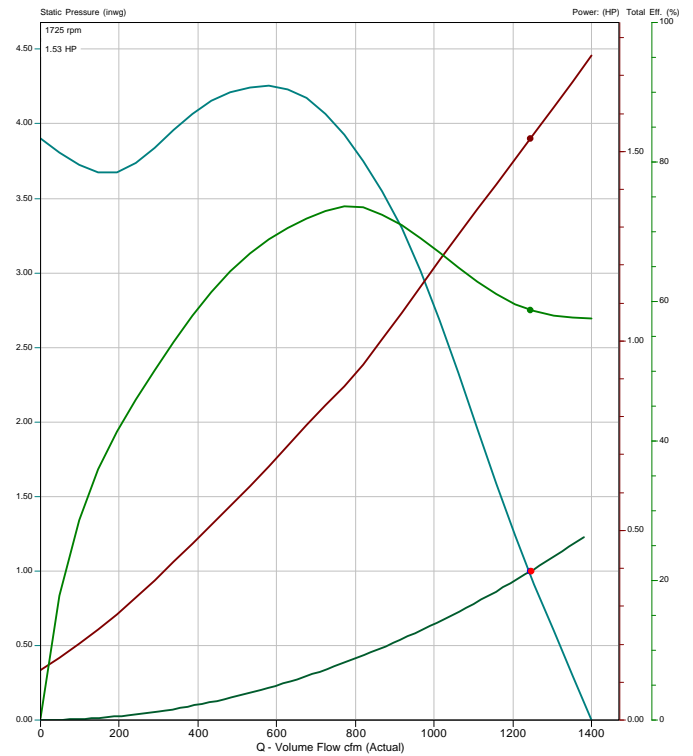
Volume 1245 cfm  
 Outlet Pressure 1.00 inwg (static)  
 Inlet Pressure 0.00 inwg (static)  
 Density 0.075 lb/ft<sup>3</sup>  
 Humidity 50 %  
 Operating Temperature 68 °F  
 Construction Temperature 0 - 150 °F Standard  
 Altitude 0 ft  
 Arrt 4 (dDirect)

**Fan Selection**

Fan Code AF-12-F13430-7  
 Volume 1243 cfm  
 Pressure @ 0.075 lb/ft<sup>3</sup> 1.00 inwg (static)  
 Pressure @ 0.075 lb/ft<sup>3</sup> 1.00 inwg (static)  
 Power @ 0.075 lb/ft<sup>3</sup> 1.53 HP  
 Power @ 0.075 lb/ft<sup>3</sup> 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 182TC  
 Enclosure AF Enclosure TEFC  
 Efficiency Grade Standard  
 Speed 1725 rpm  
 Power 2.00 HP  
 Full Load 9.5 A  
 Locked Rotor 32.3 A  
 Electrical Supply 230 Volts 60 Hz 1 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 <sup>-12</sup> W  |                     |     |     |     |    |    |    |    |         |              |
| ** dBA re 2x10 <sup>-5</sup> 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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