

Date 27-2-2013  
 Company  
 Attention  
 Project R410A Rental Units  
 Reference 20-28 ton  
 Notes 3200CFM  
 TSP: 5.75"(7.5HP-Min Static)

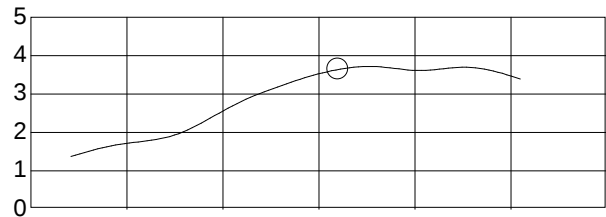


**SMART FAMILY OF  
 COOLING PRODUCTS**

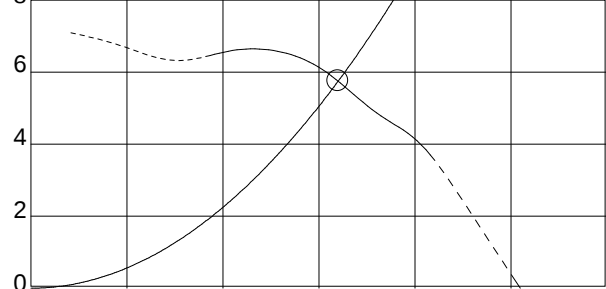
1118 First St E. Humble TX 77338 281-540-2805  
 TACLA1449EC | Registered dba of Combined Refrigeration, Inc.

|                             |                            |
|-----------------------------|----------------------------|
| Fan Type                    | txt_SISWAirfoilCurved      |
| Unit                        | BLW27023 (CLII)            |
| Operating Conditions        | Radial w/o bellmouth       |
| Air Volume                  | 3200 cfm                   |
| Static Pressure             | 5.75 inwg                  |
| Velocity Pressure           | 0.55 inwg                  |
| Total Pressure              | 6.30 inwg                  |
| Outlet Velocity             | 15.26 m/s                  |
| Fan Total Efficiency        | 69.1 %                     |
| Fan Static Efficiency       | 63.4 %                     |
| Fan Speed                   | 3233 rpm                   |
| Air Temperature             | 20.0 °C                    |
| Altitude                    | 0 m                        |
| Fan Absorbed Power          | 3.64 kW                    |
| Motor Installed Power       | D132S ( 5.50 kW 60 Hz 2p ) |
| Motor Speed                 | -                          |
| Service Factor              | 0 %                        |
| Plenum Size                 | 726 x 726 x 1068 mm        |
| Outlet Size                 | 315 x 315 mm               |
| Rec. Airflow Variation      | 0                          |
| Fan Pulley / Bush / Shaft   | -                          |
| Motor Pulley / Bush / Shaft | -                          |
| Belt Length                 | -                          |
| Number of Belts / f         | -                          |
| Static Belt Tension/Belt    | -                          |
| Belt Deflection             | -                          |
| Belt Speed (<40m/s)         | -                          |
| Bearing Life ( L10 / L50 )  | -                          |
| Starting Torque             | -                          |
| <b>Operating Limits</b>     |                            |
| Max. Absorbed Power         | 6.00 kW                    |
| Max. Fan Speed              | 3800 rpm                   |
| Temperature (Min-Max)       | -20° to +85°C              |

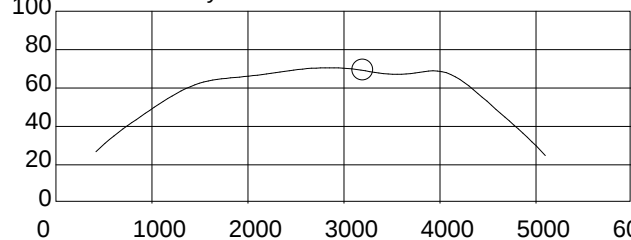
Absorbed Power in kW



Static Pressure in inwg



Total Efficiency %



Air Volume in cfm

|                                            |    |     |     |     |    |    |    |    |          |
|--------------------------------------------|----|-----|-----|-----|----|----|----|----|----------|
| Hz                                         | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k | Overall  |
| Lwi(Lin)                                   | 76 | 79  | 78  | 87  | 82 | 76 | 77 | 74 | 90 dB    |
| Lwi(A)                                     | 51 | 64  | 69  | 84  | 82 | 77 | 78 | 73 | 88 dB(A) |
| Lpi(A)                                     | 44 | 57  | 62  | 77  | 74 | 70 | 71 | 66 | 80 dB(A) |
| * Sound data is for the inlet side         |    |     |     |     |    |    |    |    |          |
| * Sound Pressure Level 1m, Room Conditions |    |     |     |     |    |    |    |    |          |

