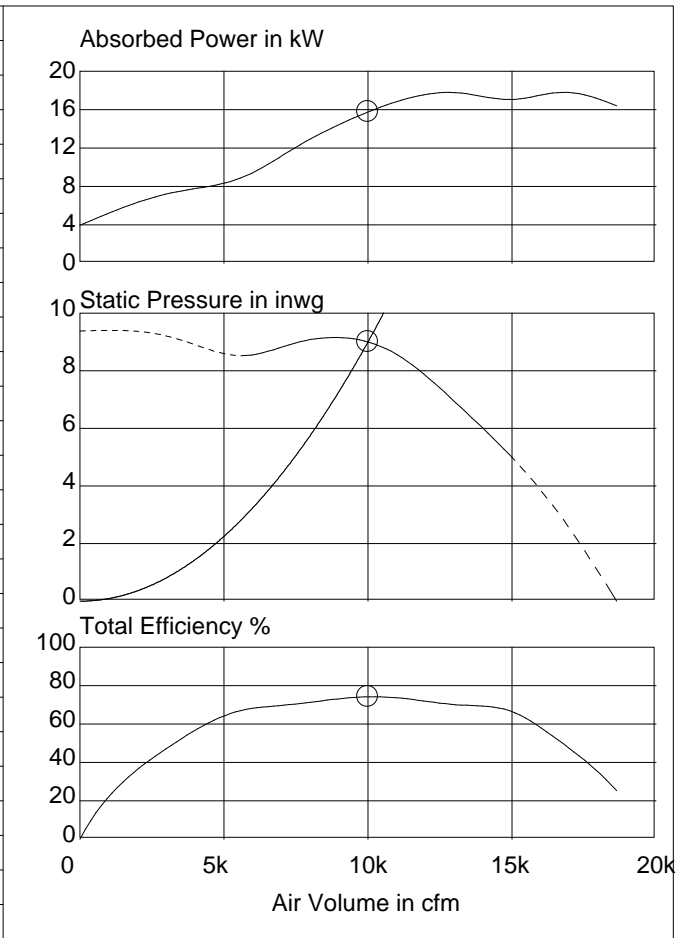


Date  
 Company  
 Attention  
 Project SACP 80A-HS  
 Reference 10,000 cfm @ 9.0 in.wg  
 Notes



**SMART FAMILY OF  
 COOLING PRODUCTS**  
 1118 First St. E. Humble TX 77338 281-540-2805  
 TACLA1495C | Registered dba of Combined Refrigeration, Inc.

Fan Type	txt_SISWAirfoilCurved
Unit	BLW27021 (CLII)
Operating Conditions	Radial w/o bellmouth
Air Volume	10000 cfm
Static Pressure	9.00 inwg
Velocity Pressure	0.54 inwg
Total Pressure	9.54 inwg
Outlet Velocity	15.14 m/s
Fan Total Efficiency	74.1 %
Fan Static Efficiency	70.1 %
Fan Speed	2098 rpm
Air Temperature	20.0 °C
Altitude	0 m
Fan Absorbed Power	15.76 kW
Motor Installed Power	D160L (18.50 kW 50 Hz 2p )
Motor Speed	-
Service Factor	0 %
Plenum Size	1280 x 1280 x 1453 mm
Outlet Size	558 x 558 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	18.00 kW
Max. Fan Speed	2100 rpm
Temperature (Min-Max)	-20° to +85°C



Hz	63	125	250	500	1k	2k	4k	8k	Overall
Lwi(Lin)	80	83	81	89	84	77	75	72	92 dB
Lwi(A)	55	68	73	86	84	78	76	71	89 dB(A)
Lpi(A)	48	61	66	79	76	71	69	64	82 dB(A)
* Sound data is for the inlet side									
* Sound Pressure Level 1m, Room Conditions									

