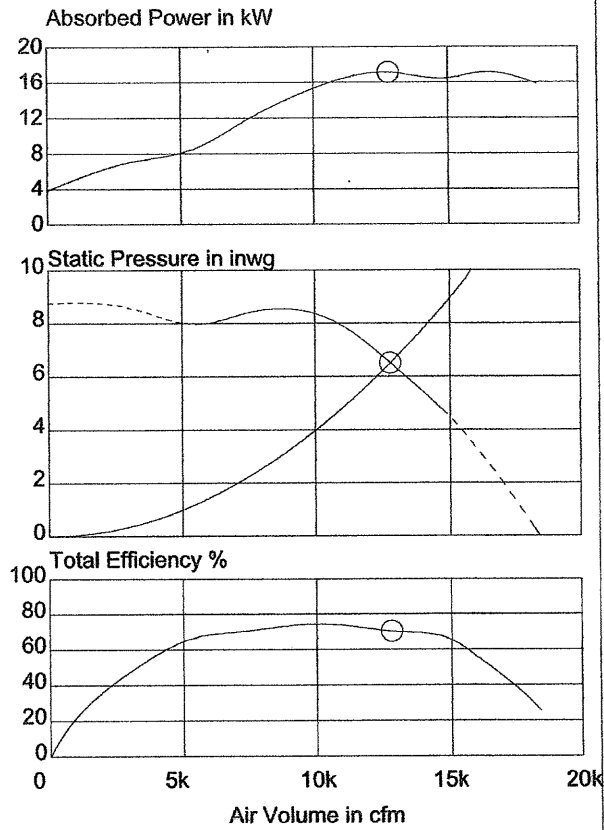


Date
 Company
 Attention
 Project R410a Rental unit
 Reference SACP80A-HS
 Notes



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	BLW27021
Operating Conditions	Radial w/o bellmouth
Air Volume	12800 cfm
Static Pressure	6.50 inwg
Velocity Pressure	0.89 inwg
Total Pressure	7.39 inwg
Outlet Velocity	19.38 m/s
Fan Total Efficiency	70.2 %
Fan Static Efficiency	62.3 %
Fan Speed	2071 rpm
Air Temperature	20.0 °C
Altitude	0 m
Fan Absorbed Power	17.10 kW
Motor Installed Power	D160L (18.50 kW 60 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	-
Operating Limits	
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)	82	86	83	92	86	80	79	75	95 dB
Lwi(A)	57	70	74	89	86	81	80	74	92 dB(A)
Lpi(A)	50	63	67	82	78	74	73	67	84 dB(A)

* Sound data is for the inlet side
 * Sound Pressure Level 1m, Room Conditions

