



Engineering

Ref:

ENG.TSA-11

Date:

1-Oct-06

TS Model

TS_11A

Performance Data: Rated Flow value is to achieve a 39°F Dewpoint

Inlet Air (psig)	Ambient Air Temp (°F)	Inlet Air Temp (°F)	Rated Flow (cfm)	Pressure Drop (Psig)	Condensate Produced (Gal/Hr)
150	85	100	2100	2.8	3.5
150	100	120	2000	2.8	5.4
150	115	140	1160	1.7	6.1
125	85	100	2040	3.2	4.0
125	100	120	1920	3.2	6.1
125	115	140	1060	1.8	6.6
100	85	100	1980	3.8	4.8
100	100	120	1800	3.6	7.0
100	115	140	940	2.0	7.1

Electrical Data

*Power Absorbed at Full Load in 85°F Ambient & 100°F Inlet Air -460V

Nominal Conditions*

Maximum Operating**

**Power Absorbed at Full Load in 115°F Ambient & 140°F Inlet Air -460V

Total installed package power(Kw): (Compressor, Fans and Control Panel)	13.77	16.32
Total absorbed Compressor power (Kw)	11.99	14.54
Total absorbed fan(s) and control panel power (Kw)	1.78	1.78

Electrical Supply

Standard

Optional

Ext. Transf.

Electrical Supply (V/ph/Hz)	460/3/60	230/3/60	575/3/60
Package Full Load Amps	23.0	Not Available	28.7
Package Locked Rotor Amps	109.6	Not Available	137.0

Construction-General Data

Package Dimensions(in) (L x W x H)	84.6 x 42.1 x 65.7	
Weight (lbs)	750	
Air Inlet/Outlet Connections (in)	6.0	Flg
Condensate Drain Connection (in)	1/4	NPTF
Refrigerant Type	R404A	
Refrigerant Charge (lb)	15.5	
Condenser Airflow (cfm)	10,005	
Heat Rejection (Btu/hr)	136,697	
Maximum Operating Pressure (Psig)	150	
Maximum Operating Ambient Temperature (°F)	115	
Maximum Operating Inlet Air Temperature (°F)	140	
Minimum Operating Ambient Temperature (°F)	35	

Product improvement is an ongoing process at IR. Data is subject to change without notice.