



AD 355-4200 Technical Data (E11-E22)

MODEL		295	355	425	530	635	750	1000	1250	1600	1800	2200	2500	3000	3500	4200	
Reference Conditions		E10S	E11	E12	E13	E14	E15	E16	E17	E17.5	E18	E18.5	E19	E20	E21	E22	
Operating Pressure	psi	102															
Inlet Temperature	°F	95					100										
Ambient Site Temperature	°F	77					100										
Working Humidity	%	100															
Pressure Dew Point	°F	39															
Limit Conditions																	
Max Working Pressure	psi	203															
Max Inlet Temperature	°F	131	140														
Min/Max Ambient Temperature	°F	41/109	41 / 115														
General Data																	
Total Electrical Power Input	KW	2.3		2.7	3.2	4.2	5.7	6	6.7	7.8	9.4	9.5	9.7	11.4	12.8	17.1	
Heat Rejection	Btu/hr	6278		7370	8735	11465	15559	16378	18289	21292	25659	25932	26478	31119	34940	46678	
Nominal Capacity	cfm	297	354	424	530	636	848	1059	1235	1589	1765	2204	2471	2966	3496	4238	
Pressure Drop	psi	4.4	2.3	3.3		2.6	3.6		4.1	3.3	4.1	3.5	4.2	2.9	3.5	4.1	
Cooling Air Flow	cfm	1521	1836	3531	5202	4873					9747					12713	
Sound Level	dBA	N/A					70	71			74					75	
Refrigerant																	
Refrigerant Type		R410A															
Refrigerant Capacity	lbs	2.4	3.3	4.1	4.3	3.6	6.6	7.5	10.6	11.2	12.3	22.1	24.3	26.5			
Installation																	
Dimensions	in	24x23x35	42 x 32 x 38				40x45x55	40 x 44 x 63	40x44x72	40 x 60 x 72				57 x 78 x 72			
Net Weight	lbs	185	320	348	364	362	507	717	745	860	1019	1120	1786	1797	1985		
Air Connection	in	1.5" FNPT	2" F NPT	2.5" F NPT			3" M NPT			4" ANSI				6" ANSI			
Minimum Wire Size	AWG	14					12			10					8		
Working Data																	
Volt/Frequency/Phase		460/60/3															
Rated Current	A	3.35	3.28	4.14	4.76	6.02	8.6	8.7	10.5	11.2	14.6	14.8	15.1	18	19.9	25.3	