



CPX 10-270 Technical Data (E0-E10)

MODEL		10	20	30	40	60	80	100	125	150	180	225	270
Reference Conditions		E0	E1	E2	E3	E4	E5	E6	E7	E7.5	E8	E9	E10
Operating Pressure	psi	102											
Inlet Temperature	°F	95											
Ambient Site Temperature	°F	77											
Working Humidity	%	100											
Pressure Dew Point	°F	39											
Limit Conditions													
Max Working Pressure	psi	232						203					
Max Inlet Temperature	°F	131											
Min/Max Ambient Temperature	°F	41 / 109											
General Data													
Total Electrical Power Input @115V	W	159	193	301	383	673	717	789	775	928	NA		
Total Electrical Power Input @230V	W	172	222	306	364	726	763	722	775	883	1109	1285	
Heat Rejection @115V	btu/hr	434	527	822	1045	1837	1957	2154	2116	2533	NA		
Heat Rejection @230V	btu/hr	470	606	835	994	1982	2083	1971	2116	2410	3027	3508	
Fan Power Input	W	29			33		57			105			190
Nominal Capacity	cfm	12.4	21.2	30	42.4	64.4	83	106	127	145	184	230	272
Pressure Drop	psi	2.2	3.6			4.4	2	2.9	2.6		3.6	2.9	3.8
Cooling Air Flow	cfm	150		129	265	229	494		642		784	1521	
Refrigerant													
Refrigerant Type		R513A						R410A					
Refrigerant Capacity	oz	6	6.4	10.2	12.3	16.6	11.6	10.6	21.2			28.2	26.5
Installation													
Dimensions	in	19.4 x 13.8 x 17.7					20 x 15 x 31		21.9 x 18.1 x 31.1			24 x 23 x 36	
Net Weight	lbs	42	44	55	60	97			137	132	137	181	
Air Connection	in	3/4" M NPT					1" F NPT		1.5" F NPT				
Minimum Wire Size	AWG	14											
Working Data													
Volt/Frequency/Phase		115/230/60/1										230/60/1	
Rated Current @115V	A	1.8	2.2	3.5		7.4	7.9	6.7	7.35	8.17	NA		
Rated Current @230V	A	1.08	1.07	1.4	1.91	2.22	4.1	4.2	3.01	3.31	3.83	4.76	5.53