

COOL 10-275 Technical Data (C0-C10)

MODEL		15	25	35	50	65	75	100	125	150	200	250	275		
Reference Conditions		C0	C1	C2	C3	C4	C5	C6	C7	C7.5	C8	C9	C10		
Operating Pressure	psi	100													
Inlet Temperature	°F	95													
Ambient Site Temperature	°F	77													
Working Humidity	%	100													
Pressure Dew Point	°F	50						45			41				
Limit Conditions															
Max Working Pressure	psi	232						188							
Max Inlet Temperature	°F	122													
Min/Max Ambient Temperature	°F	40 / 104													
General Data															
Total Electrical Power Input @115V	W	154	159	156	224	321	366	583	N/A						
Total Electrical Power Input @230V	W	N/A							730	756	796	806	956		
Heat Rejection	btu/hr	420	434	426	611	876	999	1,591	1,993	2,064	2,173	2,200	2,610		
Nominal Capacity	cfm	12.4	21.2	30	42.4	64.4	76	106	127	145	184	230	272		
Pressure Drop	psi	0.6	1.7	3	0.7	4.8	2.5	5.1		2.2	3.5	2.8	3.6		
Cooling Air Flow	cfm	150			129	265	230		494	530	643		784		
Noise Level	dB(A)	50			47	53			58		59				
Refrigerant															
Refrigerant Type		R513A									R410A				
Refrigerant Capacity	lbs	0.3			0.4	0.8	0.9	1.1	1	1.3		1.4			
Installation															
Dimensions	in	9 x 22 x 22						23x56x56		31 x 71 x 99					
Net Weight	lbs	42			44	55	60	66	137	146	159	166	161		
Air Connection	in	1/2" F NPT					3/4"	1" F NPT			1.5" F NPT				
Condensate drain	in	0.4													
Working Data															
Volt/Frequency/Phase		115/60/1						230/60/1							
Rated Current	A	1.9			2.8	3.8	4.2	6.6	4.1	4.2	3.4	3.5	4.1		