

Wine Rack Store Cooling Unit 1500 Cubic Feet

Unit Performance and Specs

Performance		
Nominal Tonnage	Ton	½
Nominal Compressor	HP	½
Net Cooling Capacity*		
@ 70 DEG F Ambient	BTUH	5600/6050
@ 80 DEG F Ambient	BTUH	5300/5700
@ 90 DEG F Ambient	BTUH	4850/5275
Controls		
Type	12-volt Thermostat	
Accuracy	+/-2 DEG F	
Evaporator Section		
Fan Motor Size	Watts	100
Rated Air Flow	CFM	430
Air Flow with 25' Flex Duct	CFM	400
Condenser Section		
Fan Motor Size	Watts	100
Rated Air Flow	CFM	400
Air Flow with 25' Flex Duct	CFM	365
Electrical Requirements		
Power Requirements	V/P/H	115/1/60
Current Draw – Cooling Mode	Amps	11.9
Minimum Circuit Size	Amps	15
Typical Testing Data		
Head Pressure	Psig	140
Suction Pressure	Psig	30
Condenser Inlet Temperature	DEG F	74
Condenser Outlet Temperature	DEG F	98
Evaporator Inlet Temperature	DEG F	55
Evaporator Outlet Temperature	DEG F	44

- This cooling unit is designed to operate at or above its rated capacities for total BTUH and CFM under recommended conditions.
- Net cooling capacity @ cellar temperature & humidity of 55 degrees Fahrenheit and 60% RH/ 60 degrees Fahrenheit & 60% RH and at rated airflow.
- Reduce capacity by 3% for each 10% reduction in either condenser or evaporator airflow, 5% for both.
- All ratings @ sea level.