

Models Number		D025	D050	D088	D200
<b>Performance</b>					
Nominal Tonnage	Ton	1/4	1/2	1	2
Nominal Compressor	HP	1/4	3/4	1	3
Net Cooling Capacity (1)					
@85 Deg F condenser inlet water	BTUH	3000	5300	7800	16,300
<b>Controls</b>					
Type		Room-mounted, non-programmable thermostat			
Accuracy		± 2°F			
<b>Evaporator Section</b>					
Fan Motor Size	Watts	75	100	195	160
Air Flow	CFM	235	430	510	760
Air Flow with 25' flex duct	CFM	207	400	485	700
<b>Water-cooled Condenser Section</b>					
Water usage at 40 Deg F rise	GPM	0.30	0.60	1.20	2.50
Pressure drop	PSI	0.40	0.40	0.85	1.20
Pipe connection size (in/out)	Inches	0.50	0.50	0.50	0.63
<b>Heat</b>					
Type		Integral electric heater coil			
Capacity	Watt/btuh	1000/3413	1000/3413	2000/6826	2000/6826
Temperature rise - including fan	Deg F	13.5	8.6	12.0	8.1
<b>Humidifier</b>					
Type		Removable drip pad with integral fan			
Supply water temp of 60 Deg F	lbs./NR	0.42			
Supply water temp of 90 Deg F	lbs./NR	0.97			
Supply water temp of 100 Deg F	lbs./NR	1.11			
Control		Cellar-mounted digital humidistat			
<b>Electrical Requirements</b>					
Power Requirements	V/P/H	115/1/60	115/1/60	230/1/60	208/1/60
Current Draw - Cooling mode	Amps	8.6	11.9	9.0	15.6
Current Draw - Heating mode	Amps	9.4	9.6	9.6	8.8
Minimum Circuit Size	Amps	15	15	15	20
Optional Low Ambient	Amps	0.4	0.4	0.2	0.2
Optional Humidifier	Amps	0.3	0.3	0.2	0.4

1. Net cooling capacity and at entering temperature and humidity conditions of 57Deg F and at rated airflow. Reduce capacity by 3% for each 10% reduction in evaporator airflow.

2. Wine Guardian reserves the right to make changes to this document without prior notice at its sole discretion.

3. All ratings at sea level.

\*4.\* D200 Air flow based on 0.35 inches wg external static pressure