

## Specifications Ductable Water-Cooled Systems

Models Number		24S025	24S050	24S088	24S200
<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)					
@80 Deg F condenser inlet w ater	BTUH	3000/3300	5300/5700	7800/8450	15200/16550
<b>Controls</b>					
Type		Room-mounted, non-programmable thermostat			
Accuracy		± 2°F			
<b>Evaporator Section</b>					
Fan Motor Size	Watts	75	100	195	240
Air Flow	CFM	235	430	510	740
Air Flow w ith 25' flex duct	CFM	207	400	485	715
<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 w ith integral fan			
Supply w ater temp of 60 Deg F	gal./day	1.6			
Supply w ater temp of 90 Deg F	gal./day	3.5			
Supply w ater temp of 120 Deg F	gal./day	5.1			
Control		Cellar-mounted digital humidistat			
<b>Electrical Requirements</b>					
Pow er Requirements	V/P/H	115/1/60	115/1/60	230/1/60	230/1/60
Current Draw - Cooling mode	Amps	8.6	11.9	9.0	16
Current Draw - Heating mode	Amps	9.4	9.6	9.6	10
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	0.2

1. Net cooling capacity and at entering temperature and humidity conditions of 55 Deg F and 60% RH / 60 Deg F and 60% RH 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.