

# SPECIFICATIONS

## Ducted 50Hz Models



Model Number(R134A unless otherwise noted)		WG40	WG40(R513A)	WG75	WG100	WG175
<b>Performance: (Total / Sensible)</b>		Tot/Sen	Tot/Sen	Tot/Sen	Tot/Sen	Tot/Sen
Net Cooling Capacity* @ 21 Deg C Ambient	Watts	916 / 850	935 / 755	1525 / 1381	2197 / 1801	4399 / 3589
@ 27 Deg C Ambient	Watts	858 / 831	940 / 760	1421 / 1323	2059 / 1711	4121 / 3432
@ 32 Deg C Ambient	Watts	791 / 791	890 / 735	1316 / 1263	1946 / 1666	3835 / 3276
<b>Controls</b>						
Type	Room mounted non-programmable thermostat					
Accuracy	± 2°C					
<b>Evaporator Section</b>						
Fan Motor Size	Watts	75	75	100	195	240
Rated Air Flow	M3/H	451	451	706	808	1051
Air Flow with 8 meters of flex duct	M3/H	400	400	635	727	(*4.*) 946
<b>Air-cooled Condenser Section</b>						
Fan Size	Watts	75	75	100	195	240
Rated Air Flow	M3/H	468	468	748	850	1105
Air Flow with 8 meters of flex duct	M3/H	421	421	673	765	995
<b>Water-cooled condenser Section (option)</b>						
Water usage at 22 Deg C rise	L/sec	0.02	0.02	0.04	0.08	0.16
Pressure drop	Kg/cm	0.03	0.03	0.03	0.06	0.08
Pipe connection size (in/out)	mm	15	15	15	15	15
<b>Heat</b>						
Type	Integral electric heater coil					
Capacity	Watt	1000	1000	1000	2000	2000
Temperature rise - including fan	Deg C	7.5	7.5	5.0	6.7	4.5
<b>Humidifier</b>						
Type	Drip pad with integral fan					
Supply water temp of 16 Deg C	L/day	6.0				
Supply water temp of 32 Deg C	L/day	13.2				
Supply water temp of 49 Deg C	L/day	19.3				
Control	Cellar mounted digital humidistat					
<b>Electrical Requirements</b>						
Power Requirements	V/P/H	240/1/50	240/1/50	240/1/50	240/1/50	240/1/50
Current Draw - Cooling mode	Amps	4.8	4.8	4.9	9.5	14.2
Current Draw - Heating mode	Amps	4.4	4.4	4.4	8.7	8.7
Minimum Circuit Size	Amps	15	15	15	15	20
Optional Low Ambient	Amps	04	04	04	02	02
Optional Humidifier	Amps	0.3	0.3	0.3	0.2	0.2

1. Net cooling capacity at entering temperature and humidity conditions of 13 Deg C and 60% RH and at rated airflow. Reduce capacity by 3% for each 10% reduction in either condenser or evaporator airflow, 5% for both.

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

3. All rating at sea level.

4. WG175 air flow based on 4.5 mm wg external static pressure.

5. Allowable water temperature range for water-cooled option is 7 Deg C and 29 Deg C.

7000 Performance Drive | North Syracuse, New York 13212 USA  
 European Office Wine Guardian GmbH  
 Pestalozzistrasse 2  
 CH 8201 Schaffhausen  
 Switzerland  
 +41 52 224 0490