

Water-Cooled Cooling Systems



Wine is your passion. Preserving it is ours.

Wine Guardian water-cooled systems are ideal for geothermal, cooling tower and lake water applications. Water-cooled systems remove the need to exhaust heat, but require a year-round water supply. Water-cooled units are available in 60Hz and 50Hz configurations. 60Hz water-cooled ducted units are available in ¼-, ½-, 1- and 2-nominal tons of cooling capacity. 50Hz water-cooled systems are available in four capacities from 11 m³ to 240 m³.

Versatile enough for use in any cellar...

- Accepts inlet water temperatures as cold as 45°F (7°C) and as warm as 85°F (29°C)
- Easy access water connection points on side of unit
- High-static-pressure fans for extended length ductwork
- Multiple supply and return air openings
- Multi-panel design provides easy access for service

Sophisticated enough for use in your cellar.

- Lightweight, corrosion-resistant, aluminum exterior
- Completely self-contained design
- Every unit is factory tested prior to shipment

Options

- Integral electric heat
- Drip pad humidifier and humidistat
- Remote control & monitoring
- Duct kits and collars
- Vertical Configuration (Do50 & Do88)

Vertical Configuration

The vertically configured footprint allows for the installation in a smaller area and for maximizing mechanical room space. Ideal for cellars with little mechanical room space.



Water-cooled unit with ductable supply and return evaporator section



Wine Guardian vertical ducted unit



Made in the U.S.A.

Wine Guardian USA:

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Wine Guardian European Office:

Pestalozzistrasse 2, CH-8201 Schaffhausen, Switzerland

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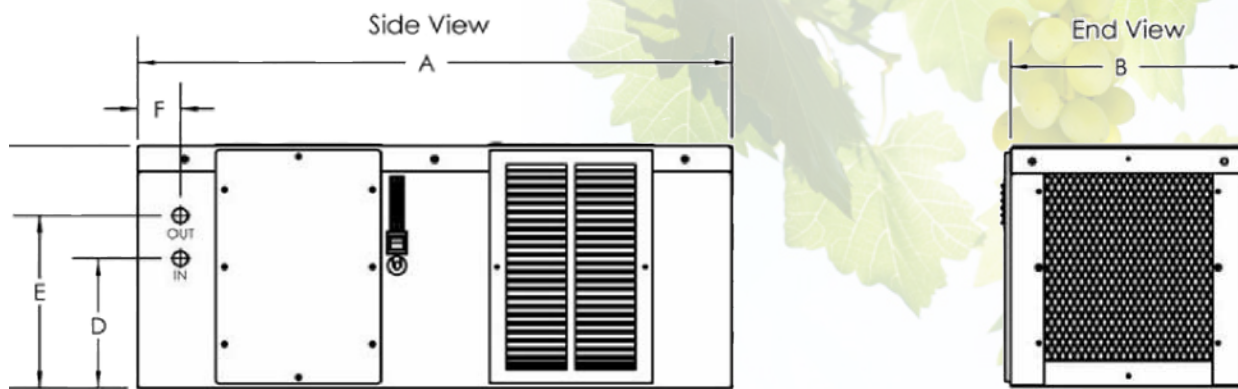
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System Specifications*

Model (60Hz)	Capacity*	Pipe Size	A	B	C	D	E	F	Electrical
D025/SS025	400 - 2,000 cu. ft.	1/2" In/out	33"	14"	14"	7.5"	10"	2.5"	115v / 1ph / 60Hz
D050/SS050	800 - 3,000 cu. ft.	1/2" In/out	33"	22"	14"	7.5"	10"	2.75"	115v / 1ph / 60Hz
D088/SS088	1,500 - 6,000 cu. ft.	1/2" In/out	33"	22"	14"	7.5"	10"	2.75"	230v / 1ph / 60Hz
D200/SS200	2,500 - 8,500 cu. ft.	5/8" In/out	50"	22"	18"	10.5"	13"	2.75"	230v / 1ph / 60Hz



Model (50Hz)	Capacity*	Pipe Size	All measurements in mm						Electrical
			A	B	C	D	E	F	
WG40	11 - 56 m ³	13 mm In/out	838	356	356	191	254	64	220 - 240v / single-phase / 50Hz
WG75	23 - 91 m ³	13 mm In/out	838	559	356	191	254	70	220 - 240v / single-phase / 50Hz
WG100	42 - 170 m ³	13 mm In/out	838	559	356	191	254	70	220 - 240v / single-phase / 50Hz
WG175	70 - 240 m ³	16 mm In/out	1270	559	457	267	330	70	220 - 240v / single-phase / 50Hz

Net capacities based on 55°F/60% RH wine cellar, 80°F condenser water temperature.

*Sizing note: Many variables affect proper unit sizing, including type of construction, insulation values, amount of glass, residential vs. commercial applications, etc. Proper unit size should only be determined by using the Wine Guardian cooling calculator. Check with your Wine Guardian authorized distributor for more information. Not all systems may offer all the features described above. For instance, humidity can only be controlled if the unit is equipped with a humidifier.

Wine Guardian systems are made in the USA. Manufacturer reserves the right to make changes to this document, without prior notice, at its sole discretion.

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