

# 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 across our ducted systems lineup (Do25-D200). 50Hz water-cooled systems are available in four capacities from 880-3,812 watts.

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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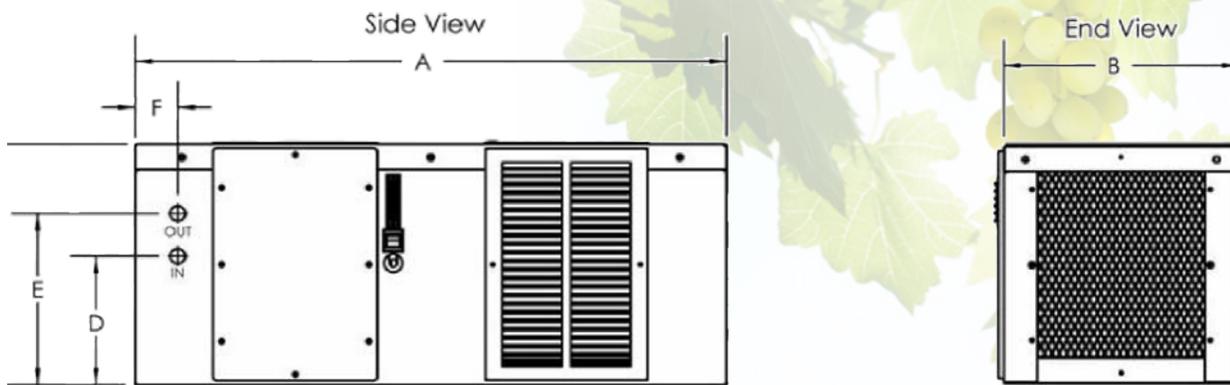
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## System Specifications\*

Model (60Hz)	Capacity*	Pipe Size	A	B	C	D	E	F	Electrical
D025wc	3,760 BTU/H	1/2" In/out	33"	14"	14"	7.5"	10"	2.5"	115v / 1ph / 60Hz
D050wc/ D050Vwc	6,320 BTU/H	1/2" In/out	33"	22"	14"	7.5"	10"	2.75"	115v / 1ph / 60Hz
D088wc/ D088Vwc	9,600 BTU/H	1/2" In/out	33"	22"	14"	7.5"	10"	2.75"	230v / 1ph / 60Hz
D200wc	15,680 BTU/H	5/8" In/out	50"	22"	18"	10.5"	13"	2.75"	230v / 1ph / 60Hz



Model (50Hz)	Capacity*	Pipe Size	All measurements in cm						Electrical
			A	B	C	D	E	F	
WG40	880 Watts	13 mm In/out	83.8	35.6	35.6	19.1	25.4	6.4	220 - 240v / single-phase / 50Hz
WG75	1,570 Watts	13 mm In/out	83.8	55.9	35.6	19.1	25.4	7.0	220 - 240v / single-phase / 50Hz
WG100	2,290 Watts	13 mm In/out	83.8	55.9	35.6	19.1	25.4	7.0	220 - 240v / single-phase / 50Hz
WG175	3,812 Watts	16 mm In/out	127	55.9	45.7	26.7	33.0	7.0	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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