

Ducted - Split Cooling Systems



Wine is your Passion. Preserving it is ours.

Wine Guardian® ducted split wine cooling systems are the **quietest**, **most versatile** on the market. They provide optimal **temperature and humidity control** for both commercial and residential cellars and accommodate many different types of applications.

Wine Guardian ducted split systems provide the **reliability** you can count on to be sure you are creating the perfect environment for the preservation of your fine wine collection— even though the unit is **hidden from view**.

Versatile enough for use in any wine cellar...

- The split system is our most versatile unit with multiple capacities for cellars of any size and configuration
- Multiple supply air openings for installation flexibility (5 sides, including bottom option)
- High static pressure fans for extended lengths of ductwork



Ducted split system with optional, integrated humidifier

Sophisticated enough for use in your cellar

- Commercial-grade, all-aluminum construction for long-term durability
- Remote user interface for temperature control and humidity readout
- Operates in ambient temperatures between 0°- 122°F (-18°- 50°C) with standard low ambient protection on DS025, DS050, DS088, WGS40, WGS75 & WGS100
- X-treme low ambient option (down to -20°F/-29°C) for applications with exposure to negative temperatures

Options

- Integrated humidifier
- Integral electric heat
- Duct kits
- Remote monitoring and sensing
- [Factory-configured serving temperature option](#)

Wine Guardian USA:

1 (800) 825 3268 | 1 (315) 452 7400

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Wine Guardian European Office:

Pestalozzistrasse 2, CH-8201 Schaffhausen, Switzerland

+41 (0) 52 224-0490 | tluehr@airinnovations.com

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Benefits of a ductable split system

- Flexibility in system location and cellar design (Can be located above, below or adjacent to cellar)
- Quiet operation on fan coil (Evaporator) side
- No vibration transmitted to the cellar
- Superb air distribution and temperature control
- Easy access to components



Removable cover panel for easy access



*DS025, DS050, DS088, WGS40, WGS75, WGS100
Condensing unit with easy-access cover*



*Wine Guardian Evaporator (L)
and condensing unit (R) (DS025, DS050, DS088, WGS40,
WGS75, WGS100 only)*

**Condensing unit is patented
US Patent No. D791294
EU Patent No. 003189349-0001*

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60 Hz System Specifications

Model	Capacity*		Length	Width	Height	Electrical	Weight
DS025	3,400 BTU/H	Fan coil condensing unit	16.7" 34"	14" 9"	14" 25.12"	115v / 1ph / 60Hz 208 - 230v / 1ph / 60Hz	25 lbs. 57 lbs.
DS050	6,300 BTU/H	Fan coil condensing unit	16.7" 34"	22" 12.3"	14" 26"	115v / 1ph / 60Hz 208 - 230v / 1ph / 60Hz	35 lbs. 75 lbs.
DS088	9,600 BTU/H	Fan coil condensing unit	16.7" 34"	22" 12.3"	14" 26"	230v / 1ph / 60Hz 208 - 230v / 1ph / 60Hz	37 lbs. 100 lbs.
SS200	14,900 BTU/H	Fan coil condensing unit	21" 32"	22" 38"	18" 27"	230v / 1ph / 60Hz 230v / 1ph / 60Hz	56 lbs. 192 lbs.



Made in the U.S.A.

50 Hz System Specifications

Model	Capacity*		Length	Width	Height	Electrical	Weight
WGS40	1,055 Watts	Fan coil condensing unit	42.5 cm 86.4 cm	35.6 cm 22.9 cm	35.8 cm 63.8 cm	220 - 240v / single-phase / 50Hz	11.3 kg. 26 kg.
WGS75	1,550 Watts	Fan coil condensing unit	42.5 cm 86.4 cm	55.9 cm 31.2 cm	35.6 cm 66 cm	220 - 240v / single-phase / 50Hz	16 kg. 34 kg.
WGS100	2,813 Watts	Fan Coil Condensing Unit	42.5 cm 86.4 cm	55.9 cm 31.2 cm	35.8 cm 66 cm	220 - 240v / single-phase / 50Hz	17 kg. 44.5 kg.
WGS175	3,812 Watts	Fan coil condensing unit	53.3 cm 81.3 cm	55.9 cm 96.5 cm	45.7 cm 68.5 cm	220 - 240v / single-phase / 50Hz	25 kg. 87 kg.



WGS40, WGS75 & WGS100 are certified CE units.



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* Net cooling capacity at entering temperature and humidity conditions of 57°F/14°C and 55% RH at rated airflow and 80°F/27°C condenser inlet air. Reduce capacity by 3% for each 10% reduction in evaporator airflow. Sizing note: Many variables affect proper unit sizing, including type of construction, insulation values, amount of glass, residential vs. commercial applications, etc. (specifications nominal). 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 split systems should be installed by a professional HVAC technician. 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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