

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 & WGS40

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

wineguardian.com | info@wineguardian.com

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



Fan coil unit (Left) and outdoor condensing unit (Right) (SS050, SS088, SS200, WGS100, WGS175 only)



Wine Guardian Evaporator (L) and condensing unit (R) (DS025, WGS40 only)

**Condensing unit is patent-pending*



DS025/WGS40 Condensing unit with easy-access cover



SS050, SS088, SS200, WGS100, WGS175 Condensing unit with easy-access cover

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60 Hz System Specifications*

Model	Capacity*		Length	Width	Height	Electrical	Weight
DS025	400-2,000 cu. ft.	Fan coil condensing unit	14" 9"	17" 34"	14" 25.12"	115v / 1ph / 60Hz 230v / 1ph / 60Hz	25 lbs. 75 lbs.
SS050	800-3,000 cu. ft.	Fan coil condensing unit	22" 24"	17" 19"	14" 18"	115v / 1ph / 60Hz 115v / 1ph / 60Hz	35 lbs. 98 lbs.
SS088	1,500-6,000 cu. ft.	Fan coil condensing unit	22" 30"	17" 23"	14" 22"	230v / 1ph / 60Hz 230v / 1ph / 60Hz	37 lbs. 152 lbs.
SS200	2,500-8,500 cu. ft.	Fan coil condensing unit	22" 38"	21" 38"	18" 27"	230v / 1ph / 60Hz 230v / 1ph / 60Hz	56 lbs. 192 lbs.



Made in the U.S.A.

*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.

50 Hz System Specifications*

Model	Capacity*		Length	Width	Height	Electrical	Weight
WGS40	11-50 CBM	Fan coil condensing unit	42.5 cm 22.86 cm	35.6 cm 86.36 cm	35.8 cm 63.8 cm	220 - 240v / single-phase / 50Hz	11.3 kg. 34 kg.
WGS100	42-170 CBM	Fan coil condensing unit	55.8 cm 76.2 cm	43.1 cm 58.4 cm	35.5 cm 55.8 cm	220 - 240v / single-phase / 50Hz	16 kg. 68 kg.
WGS175	70-240 CBM	Fan coil condensing unit	55.8 cm 96.2 cm	53.3 cm 96.5 cm	45.7 cm 68.5 cm	220 - 240v / single-phase / 50Hz	25 kg. 87 kg.



WGS40 is the only certified CE unit.



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