



Wine Guardian™

Features and Benefits

The Best Climate Control Solution for Wine Storage on the market today.

Wine Guardian is the only system which incorporates cooling, heating, filtration, humidification, ducting, internal safety devices and low ambient control as integrated solutions. It is the only unit capable of multiple installation configurations – thru-wall (flush, fully recessed or semi-recessed), remote mount, indoor or outdoor. It is the only unit capable of ducting on both the evaporator and condenser side. Made in the USA. 24/7 hotline for information and assistance.

What are the advantages of external ducting?

- Lower sound levels
- Virtually no vibration in the cellar
- Better air distribution and temperature control
- Flexibility of where to locate the unit
- Ability to exhaust the excess heat and/or recapture and redirect for energy conservation
- Greater flexibility in cellar design
- Easier to service.

All aluminum frame and external construction , powder coated

- Prevents corrosion and rust

Powerful motorized impeller fans

- Greater pressure capacity for external ducts on both cooling and heat exhaust sides
- Higher airflow capacities improves humidification and temperature control (more air changes per hour) and results in better temperature distribution throughout the cellar.

Filters on both coils

- Protects coils from dust and dirt, reduces costly maintenance and improves performance

Greater installation flexibility and ease at lower installed cost

- Only cooling units capable of being located inside, thru-the-wall, outside or remote from the cellar – surface mounted, recessed or semi-recessed, or ducted
- Hang from ceiling, sit on floor or platform or shelf
- Multiple discharge (supply) duct connections on both cool and heat exhaust side
- Totally self-contained. No need to run refrigerant piping or install separate condensing unit. Requires only one electrical power connection.

- Reliable alternative to large, expensive split systems and small, cranky through-wall systems
- Remote thermostat and humidistat with 25' wiring for better control options

Greater accessibility

- Easily removable panels without removing cooling unit from the wall

Professional quality

- Built to highest safety standards and ETL tested according to UL & CSA standards
- only units with commercial grade components like a refrigerant sight glass, filter-dryer and high and low pressure limit switches to protect the major components and improve serviceability. Each unit is furnished with a Thermal Expansion Valve (TXV) to automatically control the flow of refrigerant to the cooling coil in direct response to the load.
- Standard feature of on/auto for fan control allows choice of running the fan all the time to equalize temperatures or cycle on and off only as needed.
- Environmentally friendly refrigerant R-134a
- Electronic remote thermostat and humidistat
- Automatic low pressure safety switch
- Manual reset high limit safety switch

Modular design

- use two units instead of one in critical applications or where loads are very high at certain times of the year but where only one unit is needed most of the time. Allows backup in case one unit is out of service.

More sizes, capacities, built-in options and accessories to choose from

- Nominal ¼ ton to 2 ton, 250 cfm to 750 cfm
- Low ambient control allows the unit to be installed in a garage or outside under cover where temperatures may be too cold for standard application. Condenser fan cycles to automatically control the head pressure and a heater maintains the oil temperature in the compressor.
- Five (5) year extended compressor warranty
- Add-on Humidifier with an electronic humidistat. Self-contained unit bolts directly into Guardian and connects to 24v control system. Requires only external water and drain.
- Heating coil works automatically with the cooling to prevent simultaneous operation. Factory installed, no field installation required.
- Duct collars and flexible ducts to connect Guardian to cellar. Sized to match capacity and outlets of each Guardian size. Collars connect to the Guardian unit and to the grilles – no need for additional wall grilles.
- Water cooled condenser option to air cooled. Rejects the heat output into the water instead of the surrounding air. Eliminates the condenser fan. Ideal application is for make-up water to swimming pool.
- Add-on condensate pump where gravity drains are not available