



## THROUGH-THE-WALL WINE CELLAR COOLING UNITS

Through-the-Wall wine cellar cooling systems are self-contained units installed between the studs of your cellar or display wall. Wine Guardian's expanded range of TTW systems has units for many different wine storage applications—from wine displays to small wine rooms in a variety of different environments.



### CLASSIC Series

For the value-conscious wine collector, the TTW Classic Series provides the essential features for precise temperature control in a simplified, streamlined unit.



### SENTINEL Series

The TTW Sentinel Series is a versatile cooling system, perfect for a wide range of cellar or wine display applications.



### DEFENDER Series

For the most demanding wine cellar applications, the TTW Defender Series maintains ideal conditions in a wide range of environments, along with a variety of extra features.

## CAPACITY OPTIONS

*Available for all series*

~1000 BTU/h  
~0.3 kWh

~2000 BTU/h  
~0.6 kWh

~3500 BTU/h  
~1.0 kWh

# FEATURES AND BENEFITS



## Unrivaled Energy Efficiency

Optimized for maximum energy efficiency, the TTW can save you hundreds in electricity costs (50-70% of your unit's cost, on average, over its lifetime).



\*Based on energy cost estimates of the TTW04B Sentinel at typical U.S. electrical rates, compared to competitive units of similar capacities



## Whisper-Quiet Operation

Designed to limit vibrations and operational noise that disturb the ambience of your wine space, TTWs can be as quiet as 48 dBA at 6 feet (2 meters).



## Fail-Safe Protections

The TTW's advanced fail-safe features protect your system and cellar from damage.

Prevents:

### Water Damage

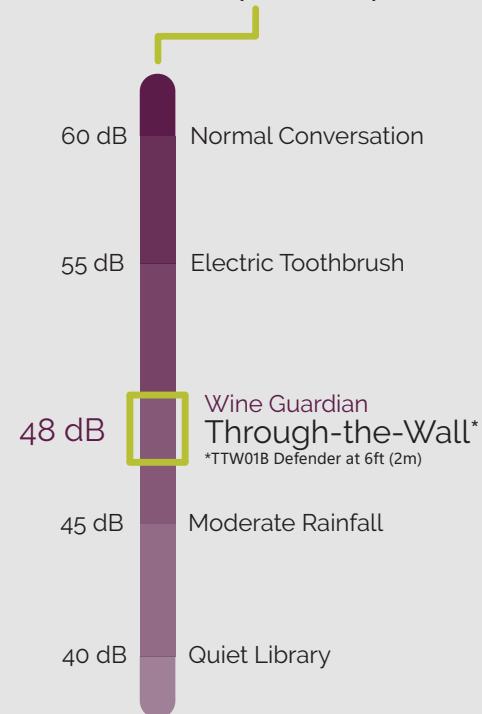
Condensate Overflow Switch

### Compressor Damage

Loss-of-Charge Switch

### System Downtime

Auto-Reset High Pressure Switch





## Precise Temp Control

The TTW can achieve cellar temperatures ranging from 42°F (6°C) to 75°F (24°C) while minimizing fluctuations that harm your collection.



## DIY Installation

Installation is as simple as sliding the unit through the wall sleeve or affixing the mounting brackets to your studs. A licensed contractor is not required.



## Eco-Friendly Refrigerant

Wine Guardian TTWs employ a non-flammable refrigerant with a low global warming potential per U.S. environmental regulations.

## ADDITIONAL FEATURES

### Sentinel & Defender Series

#### Sound Reduction Foam

Internal sound attenuation material to reduce operational noise.

### Defender Series Only

#### Ultra Quiet Package

Additional sound reduction foam around grilles for extra quiet operation.

#### Humidity Sensor

Combined thermostat and humidistat to allow seamless humidifier connection.

#### Exterior Wall Package

Exterior grille and coated condenser coil; 0°F (-18°C) to 125°F (52°C) ambient temp.

#### Condensate Evaporator

Re-evaporation system to prevent leakage without the need for a drain line.\*

#### Electric Heater

Heating coil to warm cellar air when the temperature drops below the set point.

\*A drain connection may be required if the unit exhausts to an unconditioned space or the installed area has an inadequate vapor barrier.



# FEATURE COMPARISON



Classic



Sentinel



Defender

|   | Classic | Sentinel | Defender |
|---|---------|----------|----------|
| 1000, 2000, and 3500 BTU/h Capacity Options | ✓       | ✓        | ✓        |
| 230V 50Hz or 120V 60Hz Power Supply         | ✓       | ✓        | ✓        |
| USA-Designed and Assembled                  | ✓       | ✓        | ✓        |
| Coated Evaporator Coil                      | ✓       | ✓        | ✓        |
| Fail-Safe Protections                       | ✓       | ✓        | ✓        |
| Eco-Friendly Refrigerant                    | ✓       | ✓        | ✓        |
| Bluetooth® & NFC Controls                   | ✓       | ✓        | ✓        |
| Humidity Sensor                             |         | ✓        | ✓        |
| Condensate Evaporator                       |         | ✓        | ✓        |
| Sound Reduction Foam                        |         | ✓        | ✓        |
| Ultra Quiet Package                         |         |          | ✓        |
| Exterior Wall Package                       |         |          | ✓        |
| Electric Heater                             |         |          | ✓        |