1. Pre-Install Start Up

A. Remove unit from box. Check for any signs of concealed damage, and that all optional equipment has been provided. Contact Wine Guardian immediately if components are missing or unit has been damaged in shipping.

B. Connect thermostat and cable to unit. Follow thermostat install and wiring diagrams

C. Plug unit into outlet and turn ON/OFF switch to "ON." The system will turn on after a 5-minute time delay and the cold air section will start to deliver cold air. Contact Wine Guardian if the system fails to turn on.
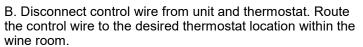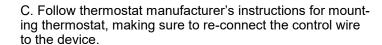
2. Installation Location

A. PRO SERIES Ducted System must be mounted horizontally on its base as shown and be level to +/- 1/4" (0.6 cm) end to end and 1/8" (0.3 cm) side to side.

B. Mount unit in a location that is easily accessible for service and allow at least 3 feet (1 meter) for clearance on either side of the system for maintenance.

C. Mount the system on the floor on an elevated platform at least 8" (20 cm) high. The WG Pro unit can also be ceiling mounted or wall mounted by creating a platform to support the unit at its base.

3. Wiring Thermostat

A. Thermostat and control wire are **not included** with Wine Guardian Pro unit.

Note: Wine Guardian Pro requires the use of a 24 volt thermostat. Thermostat and control wire shall be by others.

B. Disconnect control wire from unit and thermostat. Route the control wire to the desired thermostat location within the wine room.

C. Follow thermostat manufacturer's instructions for mounting thermostat, making sure to re-connect the control wire to the device.

D. Re-connect the control wire at the Wine Guardian 24 volt terminal strip at the appropriate connection points.

**Terminals Yc and Cc are NOT utilized on this self-contained model. Only used for the Split System model ProSeries.

4. Condensate Drain

A. Wine Guardian ducted systems are supplied with 7 feet (2 meters) of ½" (13 mm) inside dimension clear tube.

B. Connect clear plastic tube to barbed fitting at unit and route to nearest open floor drain, sink or condensate pump.

NOTE: PRO SERIES units have an internal trap. Do not double trap piping. Failure to comply may lead to water leaks and possible water damage to surrounding mounting area. Install drain line with a ¼ inch per linear foot (1.25 cm/linear meter) of pitch.

6. Installing Ductwork

A. Wine Guardian PRO SERIES units are supplied with one (1) supply duct collar and (1) return duct collar for connection to the wine room. The units also have one(1) condenser intake duct collar and one(1) condenser exhaust duct collar to aid in proper venting

B. Install ductwork by folding back the insulation to expose the wire reinforced vinyl duct. Slip the ductwork over the end of the duct collar and fasten using two tie wraps supplied with the kit making sure the ductwork is tight on the duct collar.

C. Fold the insulation back over the duct and duct collar and secure to collar using duct tape.
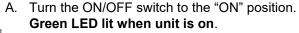
7. Water-Cooled Versions Only

A. Connect cooling water inlet and outlet pipes to cooling water source. Closed loop cooling tower, lake water, or geothermal water source systems are recommended.

NOTE: Water-cooled PRO SERIES systems have an integral water regulating valve which may close when room temperatures are satisfied and the unit turns off. A water bypass loop or pump control circuit may be required for proper system operation.

8. Turn Unit On

A. Turn the ON/OFF switch to the "ON" position. **Green LED lit when unit is on**.

B. Follow thermostat instruction to adjust temperature setpoint to 55°F (13°C).

C. The thermostat may have a built-in time delay for compressor protection, system should turn on after time delay and start to deliver cold air.

9. Optional Equipment

Refer to Wine Guardian PRO SERIES IOM for set-up instructions at wineguardian.com

wineguardian.com/support-wine-cellar-consultation/installation-operation-maintenance-manuals/

Humidification—Integral or Stand-alone
Ideal for adding humidity to your wine cellar.

Moniteur du Vin
Monitors temperature, humidity and power in your wine cellar and will send out alerts via email, text of phone calls if it detects a temperature or humidity reading outside of the range set.

Power switch

Duct collars

Evaporator outlet

24 Volt Terminals

Evap inlet

Condenser inlet

Cabinet

Power cord

Removable panels

Wine Guardian PRO SERIES
Cooling System
Quick Start Installation Guide

This document is a pictorial guide on installing the Wine Guardian PRO SERIES Cooling System. It is not intended to replace the detailed instructions found in the PRO SERIES Ducted Installation, Operation and Maintenance (IOM) manual, which includes important safety messages all PRO SERIES installers and owners should carefully follow for safe and optimal performance of the system. A copy of the manual may be viewed and downloaded at https://wineguardian.com/support-wine-cellar-consultation/installation-operation-maintenance-manuals/

Refer to the Installation and Operations manual for installation instructions related to duct collars and duct collar kits, optional remote interface control and remote sensors.

If you have any additional questions related to the installation, operation or maintenance of your WG system, please contact your authorized Wine Guardian PRO SERIES distributor or Wine Guardian service department.

Visit https://wineguardian.com/pro-specialty-commercial-residential-hvac/
Or call toll free 800-825-3268

Ducted Pro Series
Commercial Grade Packaged Cooling Systems

Quick Start Installation Guide

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