

Ducted Cooling Systems



Options

1. Humidification

Drip pad type humidifier with integral evaporator fan, water valves and controls

- Accessible humidifier pad for ease of maintenance
- Powered by 24 Volts from Wine Guardian unit. No separate power connections.
- Cellar-mounted digital humidistat for precise humidity control
- Available as freestanding or integrated models



Ducted wine cellar cooling system with optional, integrated humidifier installed

2. Duct Collars

One supply and one return duct collars are standard. May be ducted from multiple outlets for applications versatility.

- Molded plastic design provides lightweight, rigid piece for connection to ductwork
- Designed to be used with Wine Guardian grilles for connections at the wine cellar



Duct collar kits

3. Remote Monitoring

For optimal temperature control and humidity readout of the wine cellar

- Can be placed anywhere within the wine cellar
- Up to three remote sensors can be connected to one Wine Guardian system



Remote temperature and humidity sensor

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4. Electric Heat

Integral electric heater coil and controls

- Heater turns on to protect wine cellar from low temperature conditions
- Ideal for areas where ambient temperature fall below 50 Deg. F (10 Deg. C)



Electric heat option

5. Low Ambient

Integral compressor crankcase heater to protect against low temperatures

- Integral low ambient refrigerant control valves to control condenser operation
- Required when inlet air to the condenser coil is below 40 Deg. F (5 Deg. C)



Low ambient option

6. High Ambient

Integral high capacity condenser fan and condenser coil for operation at elevated ambient temperatures.

- Available on the D025 and D050 models only
- Required when inlet air to the condenser coil is above 100 Deg. F (38 Deg. C).
Condenser air inlet temperature cannot exceed 120 Deg. F (49 Deg. C).



High ambient option

7. Water-cooled

Integral water-cooled condenser coil to remove heat from refrigeration system

- Available on ducted Wine Guardian systems only
- Ideal for geothermal or water-cooling tower applications



Water-cooled option

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