

# CELLARCOOL

Commercial Grade Wine Cellar Cooling Solutions

## **OMNI DUCTLESS WM SPLIT PRODUCT SHEETS**



### KEY FEATURES

- Quiet and efficient operation
- Flare fittings for easy installation
- Standard and 24V thermostat options
- Offers excellent efficiency by drawing in the warmer air which accumulates at the ceiling, cooling and dispersing the air throughout the environment.
- 55°F temperature differential between the cellar and condensing unit air intake temperature

\*Approximated in an environment that is fully insulated and sealed with a proper vapor barrier. Each wine cellar is unique and has specific cooling requirements. Heat load calculations should always be performed prior to selecting a cooling unit.

### SPECIFICATIONS

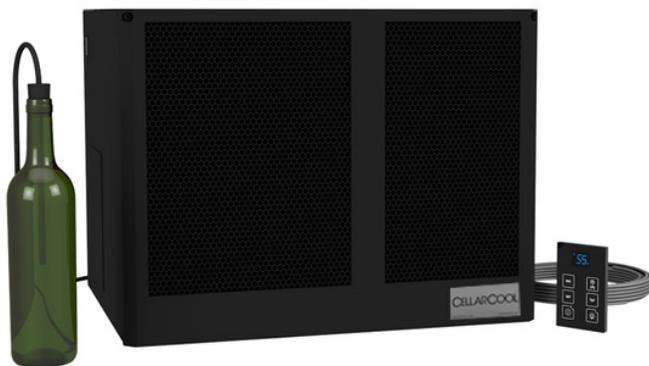
<b>Model</b>	WM Split 2500	
<b>Cellar Size</b>	500 cu. ft *	
<b>Fan Speed</b>	Low	Medium
<b>BTU/h (60°F condenser air intake temperature) <small>Sensible / Total</small></b>	1829 / 2436	2275 / 2891
<b>BTU/h (75°F condenser air intake temperature) <small>Sensible / Total</small></b>	1760 / 2326	2127 / 2641
<b>BTU/h (85°F condenser air intake temperature) <small>Sensible / Total</small></b>	1666 / 2141	2078 / 2492
<b>CFM</b>	99	
<b>DBA</b>	• EVAPORATOR - 46 • CONDENSER - 46	• EVAPORATOR - 52 • CONDENSER - 52
<b>Dimensions</b>	• EVAPORATOR - 13"L x 20"W x 10.5"H • CONDENSER - 23"L x 15.75"W x 15.3H	
<b>Refrigerant</b>	R-134a	
<b>HP</b>	0.25 HP	
<b>Voltage Rating</b>	• EVAPORATOR - 120V (15-amp dedicated circuit required) • CONDENSER - 120V	
<b>Weight (lbs)</b>	• EVAPORATOR - 33 • CONDENSER - 75	
<b>Amps</b>	• EVAPORATOR - 0.97 (Running Amps) • CONDENSER - 5.0	
<b>Line Set</b>	Liquid line 1/4" OD; Suction line 3/8" OD (less than 50 ft.), 1/2" (greater than 50 ft.)	
<b>Drain Line</b>	1/2" ID clear plastic tubing (not provided) - Rigid tube recommended	
<b>Installation</b>	Evaporator unit is installed in the cellar. Condensing unit can be installed up to 100 ft of line set from the evaporator unit.	
<b>Thermostat</b>	Advanced digital display (50ft. cable), liquid-temperature-measuring bottle probe (50ft. cable)	
<b>Temp. Delta</b>	Can maintain a 55°F cellar temperature with up to 120°F condenser air intake temperature	
<b>Warranty</b>	Two-year limited warranty with up to an additional (1) year grace period for installation. (parts and labor)	

### OPTIONAL ACCESSORIES

24V Thermostat Conversion kit, UV-C Lighting System

**IMPORTANT NOTE:** Split System cooling units MUST be installed by a qualified licensed HVAC/R technician. Failure to do so will void your system's warranty.





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### SPECIFICATIONS

Model	WM Split 3500		WM Split 5000	
Cellar Size	1000 cu. ft *		1750 cu. ft *	
Fan Speed	Medium	High	Medium	High
BTU/h (60°F condenser air intake temperature) <small>Sensible / Total</small>	4565 / 5273	4786 / 5488	4814 / 5687	5133 / 5777
BTU/h (75°F condenser air intake temperature) <small>Sensible / Total</small>	4177 / 4561	4601 / 4669	4455 / 4997	4607 / 5012
BTU/h (85°F condenser air intake temperature) <small>Sensible / Total</small>	3957 / 4315	4244 / 4453	4370 / 4834	4577 / 4982
CFM	270			
DBA	• EVAP - 48 • COND - 46	• EVAP - 53 • COND - 52	• EVAP - 56 • COND - 46	• EVAP - 62 • COND - 52
Dimensions	• EVAPORATOR - 16.1"L x 20.5"W x 15.5"H • CONDENSER - 23"L x 15.75"W x 15.3H			
Refrigerant	R-134a			
HP	0.5 HP		0.5+ HP	
Voltage Rating	• EVAPORATOR - 120V (15-amp dedicated circuit required) • CONDENSER - 120V			
Weight (lbs)	• EVAPORATOR - 54 • CONDENSER - 75		• EVAPORATOR - 54 • CONDENSER - 86	
Amps	• EVAPORATOR - 2.2 (Running Amps) • CONDENSER - 8.5		• EVAPORATOR - 2.2 (Running Amps) • CONDENSER - 9.5	
Line Set	Liquid line 1/4" OD; Suction line 1/2" OD (less than 50 ft.), 5/8" (greater than 50 ft.)			
Drain Line	1/2" ID clear plastic tubing (not provided) - Rigid tube recommended			
Installation	Evaporator unit is installed in the cellar. Condensing unit can be installed up to 100 ft of line set from the evaporator unit.			
Thermostat	Advanced digital display (50ft. cable), liquid-temperature-measuring bottle probe (50ft. cable)			
Temp. Delta	Can maintain a 55°F cellar temperature with up to 120°F condenser air intake temperature			
Warranty	Two-year limited warranty with up to an additional (1) year grace period for installation. (parts and labor)			

### OPTIONAL ACCESSORIES

24V Thermostat Conversion kit, UV-C Lighting System, Exterior Condenser Housing (REQUIRED FOR OUTDOOR INSTALLATIONS), Condenser Ducting Kit.

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