

BUYING GUIDE: WINE CABINETS

Summary

The following guidelines are designed to help you select the correct CellarPro wine cooling unit for your Le Cache wine cabinet.

- **CellarPro 1800QTL** Our quietest cooling unit designed for residential applications, the 1800QTL is appropriate for all but the largest wine cabinets provided that the cabinet will be in a temperature-controlled environment.
- **CellarPro 1800QT** Slightly louder than the 1800QTL, this cooling unit provides extra BTU and easily can maintain 55°F in our largest wine cabinets.
- **CellarPro 1800XT** The 1800XT cooling unit is recommended for wine cabinets that will be placed in restaurants and other commercial applications, as well as non-temperature-controlled environments -- like garages and basements -- up to 95°F.
- **CellarPro 1800XTS** The 1800XTS cooling unit primarily is used in standalone wine cellars; however, it can be used in Le Cache wine cabinets that will be placed in extreme environments. An additional charge of \$150 will apply.

Please refer to the following charts to select the most appropriate wine cooling unit for your application. If you need assistance understanding the charts, don't hesitate to [contact us](#).

Cooling Unit Capacity @ 55°F (1)(2)

CellarPro 1800QTL	BTUH: 1065		Decibels: 41			
CellarPro 1800QT	BTUH: 1380		Decibels: 45			
CellarPro 1800XT	BTUH: 1456		Decibels: 48			
CellarPro 1800XTS	BTUH: 1886		Decibels: 49			
Le Cache Wine Cabinet Size (inches)	Credenza 71w x 32d x 40h	1400 31w x 29d x 72h	2400 39w x 29d x 82h	3100 49w x 29d x 83h	3800 58w x 29d x 86h	5200 74w x 29d x 86h
Ambient Temperature	Thermal Load BTUH					
70°F	640	640	729	833	927	1058
75°F	704	712	816	923	1049	1219
80°F	774	784	902	1013	1172	1380
85°F	857	856	989	1104	1294	1540
90°F	930	930	1065	1183	1416	1701
95°F	1002	1002	1136	1286	1539	1861

Cooling Unit Capacity @ 60°F (1)(2)

CellarPro 1800QTL	BTUH: 1154		Decibels: 41			
CellarPro 1800QT	BTUH: 1479		Decibels: 45			
CellarPro 1800XT	BTUH: 1558		Decibels: 48			
CellarPro 1800XTS	BTUH: 2031		Decibels: 49			
Le Cache Wine Cabinet Size (inches)	Credenza 71w x 32d x 40h	1400 31w x 29d x 72h	2400 39w x 29d x 82h	3100 49w x 29d x 83h	3800 58w x 29d x 86h	5200 74w x 29d x 86h
Ambient Temperature	Thermal Load					
70°F	534	534	598	677	739	828
75°F	606	606	684	767	861	989
80°F	678	678	771	857	983	1151
85°F	750	750	857	948	1107	1311
90°F	822	822	944	1040	1229	1472
95°F	898	898	1035	1136	1357	1639

Legend

The tables are shaded to show which cooling units will and won't work given the thermal load derived from the size of the cabinet and the ambient temperature, as follows:

- The light-shaded numbers represent thermal loads that are within the capacity of all CellarPro 1800 cooling units (ie 1800QTL, 1800QT and 1800XT).
- The medium-shaded numbers represent thermal loads that are within the capacity of the 1800QT and 1800XT, but not the 1800QTL, cooling units.
- The dark-shaded numbers in italics are within the capacity of the 1800XT cooling unit only.
- "X" indicates conditions that are beyond the capacity of our 1800XT Series cooling units. (If your conditions result in an "X", we offer an 1800XTS cooling unit - [for more information, click here.](#))

Analysis

We provide the estimated thermal loads for Le Cache wine cabinets across a range of ambient temperatures to help you select the appropriate CellarPro wine cooling unit for your wine cabinet. The top table provides data assuming that the wine cabinet temperature is maintained at an average of **55°F**, and the bottom table provides data assuming that the wine cabinet temperature is maintained at an average of **60°F**.

The assumptions regarding restocking and opening/closing of the doors are appropriate for residential applications. If the wine cabinet will be placed in a commercial envinroment, the thermal load will be higher, in which case CellarPro's 1800XT is recommended.

- (1) To calculate the approximate "run time" over a 24-hour period, divide the thermal load (based on the **average** ambient over the 24-hour period) by the BTUH.
- (2) For reference purposes, the calculated BTUH at 55°F for **Breezaire WKC1060** is **1054** and **Breezaire WKC2200** is **1328**.