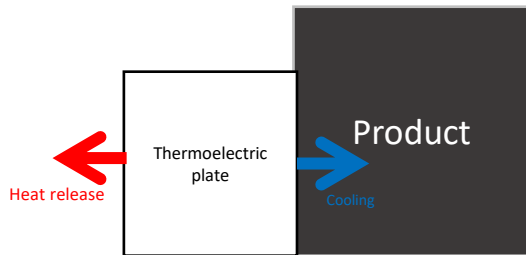# la Sommelière

YOUR WINES FEEL GOOD AT HOME

Ultra Low Noise Cellars
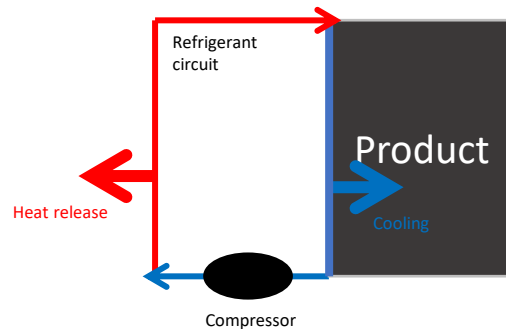## NEW HYBRID TECHNOLOGY

HOW DOES IT WORK ?

PELTIER TECHNOLOGY (THERMOELECTRIC)

When the electric current passes through the thermoelectric plate, a chemical reaction takes place inside, the positive and negative ions separate and generate heat on one side and cold on the other.

COMPRESSOR AND COOLING FLUID

The refrigerant fluid in the circuit will change from liquid to gaseous state thanks to the compressor, and vice versa thanks to the expansion valve. These fluid changes of state alternately raise and lower its temperature.

NEW HYBRID TECHNOLOGY

The hybrid system is more efficient than Peltier cooling because it is reinforced by a coolant circuit. The fluid transformation into gas is caused by the heat emitted by the thermoelectric plate, in direct contact with the circuit, and not by a compressor. The thermoelectric plate is cooled by the same refrigerant circuit, which avoids the installation of fans usually used in thermoelectric technology. Without a compressor or fan, the hybrid system is very silent.

26 dB

Refrigerant circuit

Thermoelectric plate
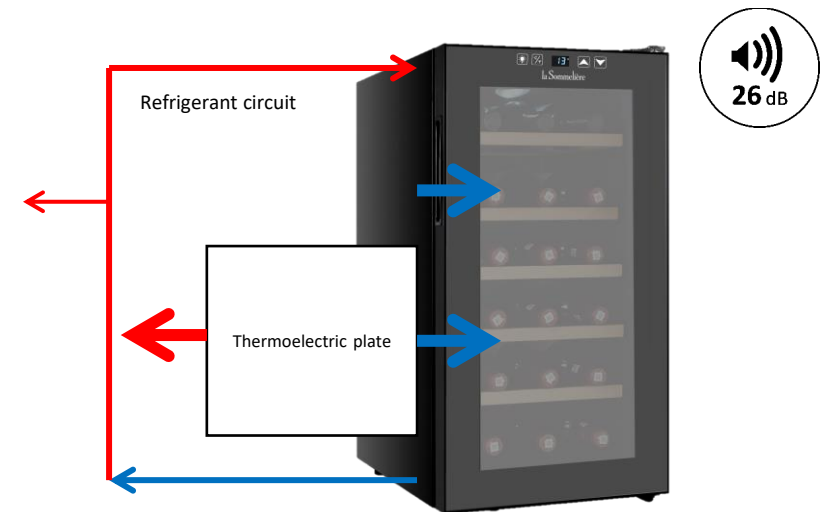
DID YOU KNOW ?

This technology is already used in high-tech environments, notably for cooling **satellites** and **microprocessors**

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YOUR WINES FEEL GOOD AT HOME

Ultra Low Noise Technology
New Hybrid Cellars

G — 26 dB

LS12C
Capacity : 12 bottles
Energy efficient class : G
3 layers tempered glass door
3 wire shelves
Noise level : only 26 dB

G — 26 dB

LS18CB
Capacity : 18 bottles
Energy efficient class : G
3 layers tempered glass door
5 wooden shelves
Noise level : only 26 dB

G — 26 dB

LS28CB
Capacity : 28 bottles
Energy efficient class : G
3 layers tempered glass door
6 wooden shelves
Noise level : only 26 dB

Hybrid Technology Advantages
Product Advantages

ULTRA LOW NOISE TECHNOLOGY
only 26dB

MORE ENVIRONMENTAL FRIDENLY SYSTEM
than thermoelectric or absorption system

AESTHETIC DESIGN
- Recess handle
- Large glass surface
- External soft touch control panel
- Wood shelves*

*For LS18CB and LS28CB cellars

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YOUR WINES ARE GOOD AT HOME