

A close-up photograph of a woman with long, wavy blonde hair, smiling and holding a wine glass filled with a golden liquid. She is wearing a black and white striped shirt. The background is blurred, suggesting an indoor setting like a bar or restaurant. A blue rounded rectangle with the text 'Chill'loop' is overlaid on the upper part of the image.

Chill'loop

The flexibility of a split system without the constraints of a refrigeration installation

## THE WINE PRESERVATION

Whether ready to drink, for an average cellaring of 5 to 10 years, a long cellaring of 10 to 20 years or a very long cellaring of more than 20 years, **the wine requires the greatest of attention for an optimal expression of the aromas.** Regardless of the vintage or the labels, **each bottle represents a heritage and know-how to protect.**

Wines from organic farming or natural aging without sulphites are **even more sensitive** to the slightest change in the storage atmosphere.

**Friax air conditioners** adapt the cellar to the specific conditions required for the protection and consumption of wines.



The **ideal temperature** for storing a wine is between 12 and 15 ° C. It is the sudden changes in temperature that pose **a risk to the aging** of bottles.

This is why Friax offers **a product finish incorporating heating** to smooth the temperature curves between summer and winter.



The humidity should be adjusted between **65 and 75%**.

An **atmosphere that is too dry** can cause the contents of the bottles to flow, letting air in and causing the wine to become maderized.

An **atmosphere that is too humid** takes off and degrades the labels.



The **vibrations** harm the wine. Our solutions are designed to be discreet and not to damage the bottles.

**Friax air conditioners** include a **double barrier of shock absorbers** on the compressors **as well as absorbent tubes.**



Wines **fears the light.** It is best to use lighting solutions outside the UV spectrum so as **not to damage the aromas.**

**Neon lights are to be avoided,** and LEDs must be selected carefully.



Chill 'loop is a new concept of split wine cellar conditioner based on chilled water loop technology with endless customizable design options



**WALL MOUNTED H<sub>2</sub>OX**

The wall mounted **H<sub>2</sub>OX Chill' loop** offers the flexibility of a split system without the constraints of a refrigeration installation.

Based on chilled water loop technology, its commissioning only requires the connection of a few quick connectors **to be able to transform any isolated room into an ideal wine cellar.**

The H<sub>2</sub>OX water cooler is fixed on the wall to treat the air in the cellar.

**Vintage Finish**

The Chill 'loop is used to condition a healthy cellar while retaining its humidity to best protect the wine and its bottle. With a Vintage finish as standard, it incorporates heating to limit temperature differences between the different seasons and the **HGR%** humidification system intended for modern cellars that are often too dry.

The use of a KLPWSECU kit will facilitate and secure the connection to the water.

**Remote control**

This is the simplest solution to take control of your cellar conditioner. With the wireless **RSF** radio frequency remote control, no more distance problem, the signal passes through walls. You can control your cellar right up to your kitchen. On Vintage models, it displays temperature and humidity.

**Customizable**

The modern and clean design of this cellar air conditioner can be personalized so that each wine cellar becomes unique. The interchangeable colored front allows endless possibilities. The Chill 'loop H<sub>2</sub>OX comes standard with a glossy black front.

**WineSupervisor**

This is the connected solution. Whatever your environment, Friax offers the solution to remain constantly connected to your cellar. Using the **KWSP-I** kit, you connect to the supervision of your home through a Modbus protocol. The **KWSP-III** solution brings all the cellar information directly to your tablet or smartphone.

**Sustainable design**

To participate in the effort to protect our planet, Chill 'loop uses the most modern and energy efficient ventilation technologies.

The charge of refrigerant R290 in the refrigeration circuit reduces the impact of the air conditioner on global warming. The heat transfer fluid to condition your cellar is nothing more than water.



## WALL MOUNTED H<sub>2</sub>OX



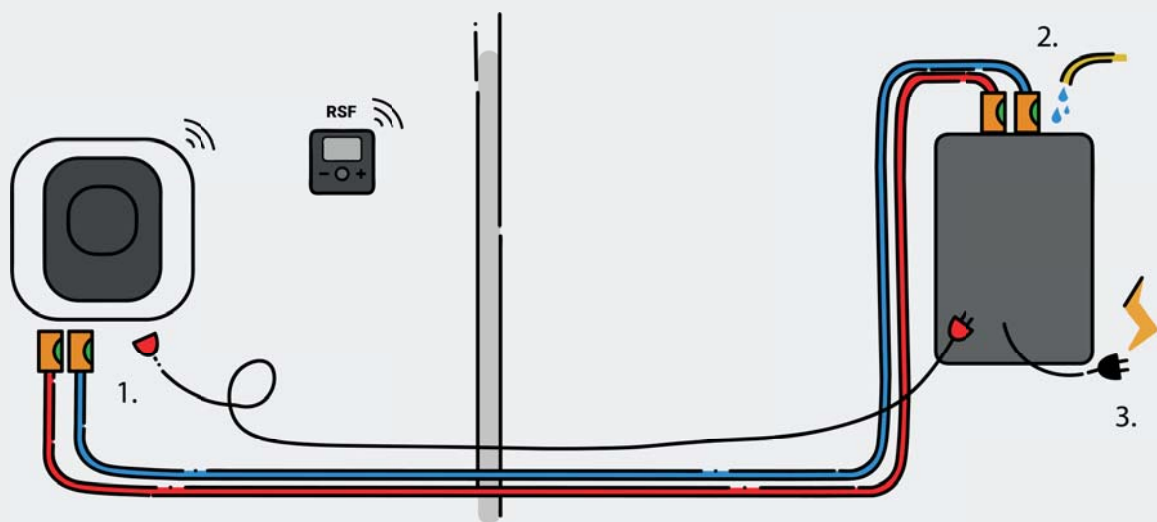
### Easy of commissioning and use

Installation, use or maintenance, Chill' loop cellar air conditioners are designed to be accessible to all while maintaining the level of quality of Friax products.

No refrigerant handling to be expected.

A Chill' loop consists of :

- The H<sub>2</sub>OX water cooler
- The condensing unit
- The KLCL "link + pump" kit



All you have to do is put the two elements, one in the cellar, the other in a frost-free place outside the cellar (garage, crawl space, etc...).

- 1.** The connection is made by pulling the insulated flexible tubes and the electrical connections supplied in the various **KLCL** connection kits.

Only a cutter is useful for making the hydraulic connections. The electrical part is done using connectors.

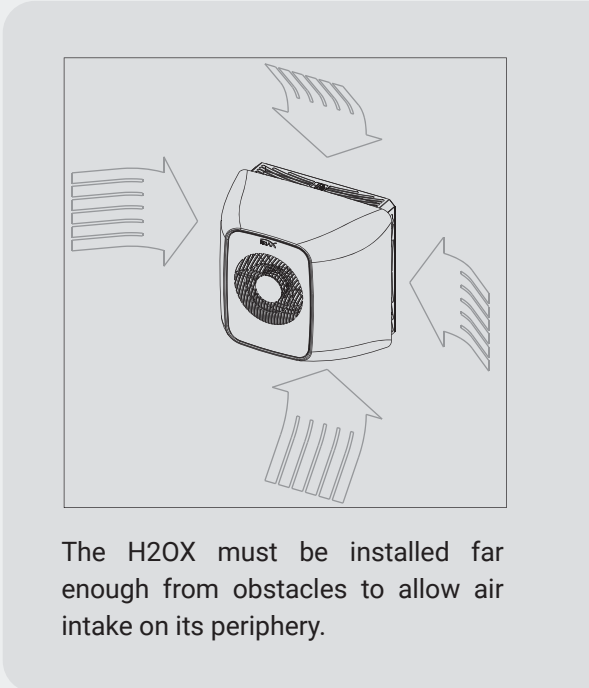
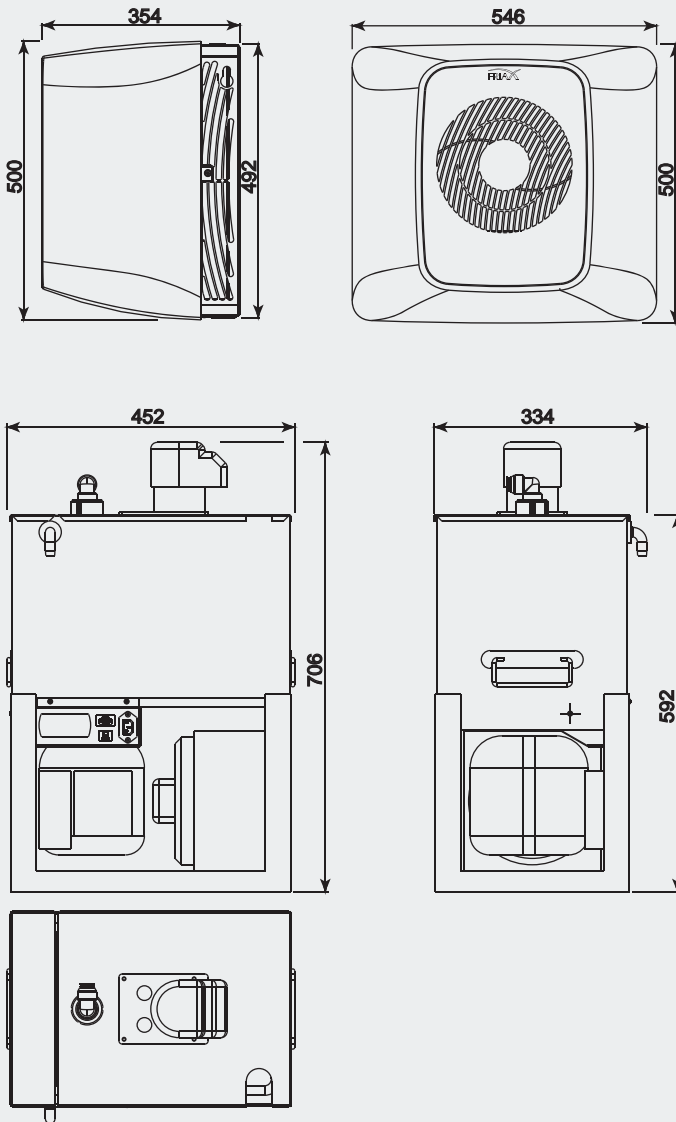
The chilled water circulation pump is supplied with the connection kit. Its power varies with the length of the kit selected.

- 2.** A simple addition of a few liters of water is necessary to obtain an air-conditioned cellar from 8 to 16° C depending on the volume, insulation and needs.

- 3.** After switching on, just take the wireless remote control and start the device.

## WALL MOUNTED H<sub>2</sub>OX

### Dimensions



### Quick selection



**WARNING**

The selections are only indicative and cannot replace a thermal balance that will consider all the parameters related to the cellar.

# WALL MOUNTED H<sub>2</sub>OX

## Technical characteristics

	Chill' loop	50
Cooling capacity. 12°C / 35°C ext.	W	1050
Heating capacity	W	800
<i>Electrical Specifications</i>	Chill' loop	50
Voltage	50Hz	230 V/1+T
Intensity absorbed	A max	3,6
<i>H<sub>2</sub>OX water cooler characteristics</i>	H <sub>2</sub> OX	50
Air flow in the cellar	m <sup>3</sup> /h	440
Body color		White / Black
Fluid		H <sub>2</sub> O
Weight	kg	18
<i>Condensing unit characteristics</i>	H <sub>2</sub> OX	50
Water capacity	L	30
Body color		Black
Refrigerant		R290
Empty unit weight	kg	39
Heat rejection	W	1420
Unit air flow	m <sup>3</sup> /h	350

### PRICES - Chill' loop H.OX

<b>VINTAGE</b>	<i>Product code</i>	<b>CL50 H2OX VT</b>
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### PRICES - Connection kits

<i>Code</i>	<i>Description</i>
KLCL-4-P1	Chill' loop connection kits + Pump 1 + 4 m Hydraulic and electric connections
KLCL-6-P1	Chill' loop connection kits + Pump 1 + 6 m Hydraulic and electric connections
KLCL-8-P1	Chill' loop connection kits + Pump 1 + 8 m Hydraulic and electric connections
KLCL-10-P2	Chill' loop connection kits + Pump 2 + 10 m Hydraulic and electric connections
KLCL-12-P2	Chill' loop connection kits + Pump 2 + 12 m Hydraulic and electric connections

KLCL connection kits consist of:

- Two lengths of insulated tube corresponding to the distance between the H<sub>2</sub>OX and the group.
- Electrical connections fitted with connectors to be positioned between the group and the refrigeration unit.
- Hydraulic fittings to connect the different elements without tools.
- A chilled **water pump** sized according to the length of the KLCL connection kit.

## Customization

<i>Code</i>	<i>Description</i>
KFXJ-OR	Gold Mirror color custom front
KFXJ-CEDRE	Cedar Wood color custom front
KFXJ-ROUGE	Lipstick Red color custom front

Contact us for more possibilities

## Accessories

<i>Code</i>	<i>Description</i>	<i>Infos</i>	<i>Compatibility</i>	
			<i>Genesis</i>	<i>Vintage</i>
KLPWSECU-XJ	Secure connection kit for H2OX and MPCJ humidifiers	p53		X
KLPR20	20m extension kit for humidifier	p53		X
KPR-XJ	H2OX and MPCJ lift pump kit	p53	X	X
KLED-XJ	LED backlight kit	p53	X	X
KWSP-I	WineSupervisor I Kit - Modbus version	p55	X	X
KWSP-III	WineSupervisor III Kit - Connected version	p55	X	X
KS2M	Wall mounting kit	p54	X	X
KGRFR-18-20L	GREENFREEZE -18°C Anti-freeze Fluid for Chill' loop - 20l	-	X	X



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