

FRIAX INDUSTRIE

- Wine Cellar Expert -

WINE CELLAR AIR CONDITIONERS

2026

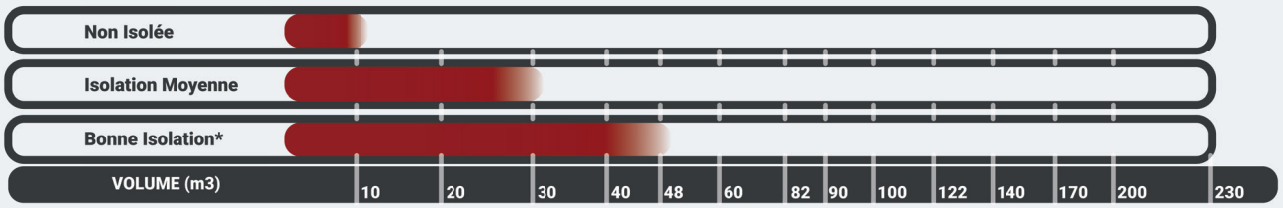
QUICK SELECTION

Discover at a glance which ranges and capacities are suited to your project.

Be even more precise in your selection: friax.fr/selection

QUICK SELECTION FOR WINE CELLAR

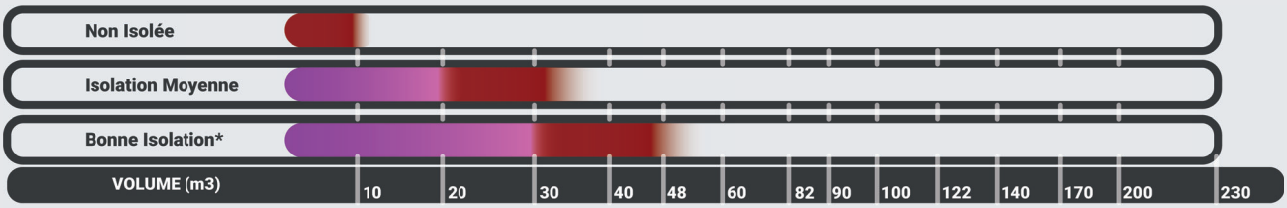
Chill' loop | H2OXO - H2OX - H2OPL - H2OA



12°C
35°C ext.

** Isolation murs et plafond entre 60 et 80 mm de Polyuréthane*

Monoblocs | MPCO - MPCJ - MPCG - MPCA

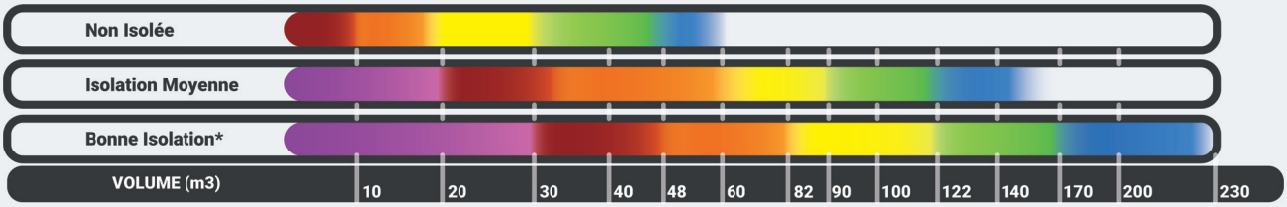


12°C
32°C ext.

** Isolation murs et plafond entre 60 et 80 mm de Polyuréthane*

MPC 30 MPC 48

Splits Systems | EVXO - EVX2 - EVPL2 - EVG - EVI - EVA2



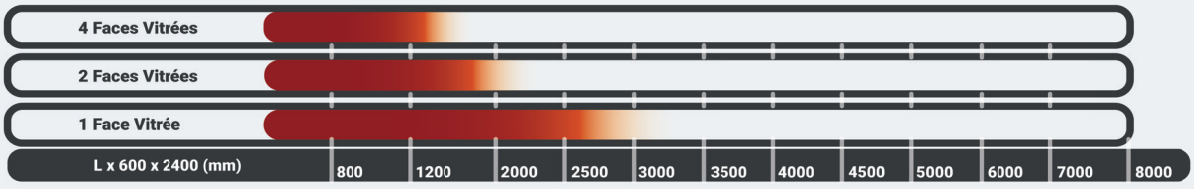
12°C
32°C ext.

** Isolation murs et plafond entre 60 et 80 mm de Polyuréthane*

SPC 30 SPC 48 SPC 82 SPC 122 SPC 170 SPC 230

QUICK SELECTION FOR CUSTOM WINE CABINET

Chill' loop | H2OA

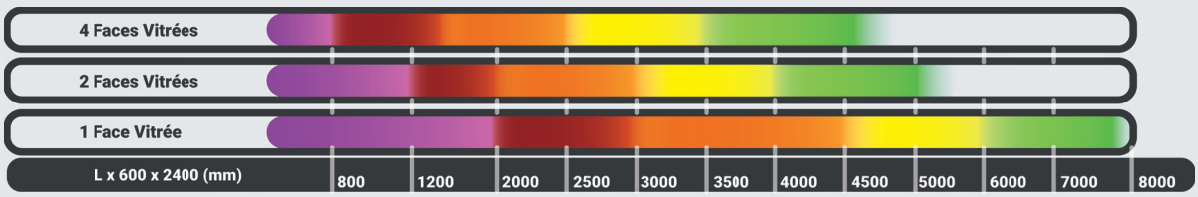


12°C
32°C ext.

** Isolation parois, sol et plafond*
30 mm Polyuréthane + 20 mm Bois
Double vitrage anti-UV 4x12x4
Menuiseries rupture de pont thermique

H2OA

Splits Systems | EVA2



12°C
32°C ext.

** Isolation parois, sol et plafond*
30 mm Polyuréthane + 20 mm Bois
Double vitrage anti-UV 4x12x4
Menuiseries rupture de pont thermique

SPC 30 SPC 48 SPC 82 SPC 122 SPC 170

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NOTRE HISTOIRE

WINE CELLAR EXPERT

Controlling the alchemy of wine to achieve its full expression is the secret of Friax cellar air conditioning.

Once installed in the cellar, you'll forget it… It's much later, when tasting a fine bottle, that you'll appreciate the perfect control of storage conditions required to let your wine fully express itself… after all this time!

Our air conditioners are designed above all for the wine's comfort, but never compromise on user experience.

From design to installation to daily use, every detail is crafted for simplicity. Our teams challenge themselves daily to deliver ever more reliable and adaptable products.

CONTROLLED ATMOSPHERE

Since 2004, we have dedicated all our expertise to wines. Perfect control of constant temperature and adapted humidity lies at the heart of our regulation systems.

Over the years, Friax Industrie has evolved its range to offer solutions for all cellar challenges.

Whether for professionals or private users, cellars or display cases, your cellar air conditioner will finally allow you to enjoy storing bottles without fearing the moment you open them.

Sudden temperature changes affect wine by causing erratic aging and irreversible loss of aroma. Overly humid cellars damage labels, reducing the value of precious bottles. Overly dry cellars degrade corks, allowing air to enter bottles.

Climate control to master your cellar's atmosphere is essential to preserving the investment that wine represents. Friax expertise ensures the longevity of your bottles over time.

NOTRE HISTOIRE

ORIENTED TOWARD THE FUTURE

Innovation is our DNA
“Cellars, Everywhere” — we invent and reinvent them daily. Like fine wine, we improve with time!

We place the highest importance on preserving the heritage each vintage represents. That’s why we continuously adapt our tools and product lines to better protect bottles.

Friax Industrie, a French company, is located in the heart of the Alps in Auvergne-Rhône-Alpes, a hub of innovation and European exchange.

Laser cutting, ATEX charging line, additive manufacturing laboratory — these are just some of our R&D and production tools that elevate us to global wine cellar expertise.We believe in responsible design. Your cellar should not significantly contribute to climate change. Friax air conditioners integrate the most modern, energy-efficient technologies and refrigerants that minimize climate impact.

Every detail matters — so your wine can fully express its subtlest aromas and reveal its most beautiful color!

Expert de la Cave à Vin depuis 2004

CONSERVATION DU VIN

WINE PRESERVATION

Regardless of vintage, AOP, or AOC, each bottle represents heritage and craftsmanship to protect! Whether ready to drink or resting in the cellar for short, long, or very long aging (over 20 years), wine requires the utmost care to travel through time and arrive at its peak, preserving the purity of its aromas.

The trend toward wines from organic farming or natural winemaking without sulfites makes bottles even more sensitive to even the slightest change in storage atmosphere — without additives, true stability is the final barrier to preservation. But this is equally true for traditional wines, which also deserve the highest care.

Friax air conditioners adapt the cellar to the specific storage conditions required by wines.



The ideal wine storage temperature is between 12°C and 15°C. It is sudden temperature fluctuations that pose a risk during bottle aging.

That's why Friax offers finishes integrating heating to smooth seasonal temperature curves. For added security, mechanical thermostats complement Friax's smart regulation.



Humidity should be maintained between 65% and 75%. Excessively dry air can cause wine to evaporate, allowing air to enter and oxidize the wine. Excessively humid air degrades labels and encourages mold growth. Friax units include standard humidification between cooling cycles to counteract natural cellar drying.



Vibrations harm wine. Our solutions are designed to be discreet and avoid damaging bottles.

Friax air conditioners feature dual-damping barriers on compressors and their tubing.



Wines are sensitive to light. It is preferable to use lighting in cellars that avoids UV spectra harmful to wine, to prevent damage to color and aromas.

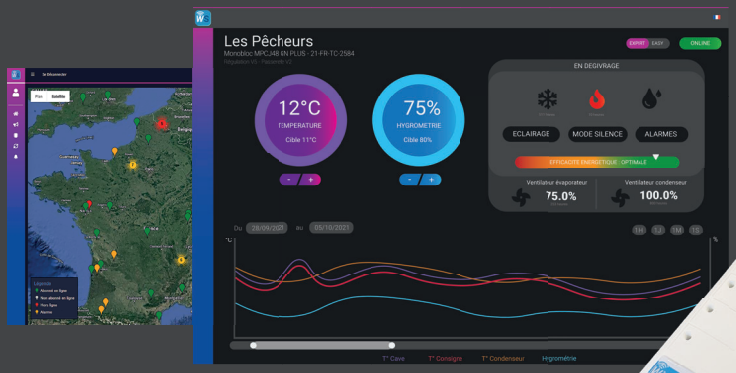
Fluorescent lights should be avoided; LEDs must be carefully selected.

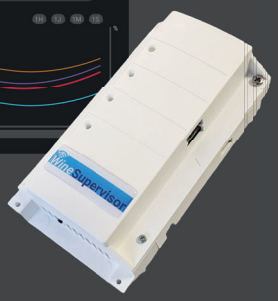
WineSupervisor 3

The Connected Cellar.

Compatible with all Friax
Céos and Vintage

Accessible from all your devices
Web – Smartphone – Tablet





Remote Control

Monitor temperature and humidity in real time to never miss a variation in your bottles' storage atmosphere. Take remote control and adjust settings.

Conservation History

WineSupervisor 3 records a complete history of cellar ambiance and Friax air conditioner operating periods. A guarantee and proof of proper bottle storage.

Mapping of Your Installations

If you are a user or installer responsible for site maintenance, locate all your cellars on the map and receive instant status updates directly on your smartphone screen.

Configurable Alarms

Set up and receive real-time alarms to intervene when needed. Maintain full traceability of all cellar events. Grant technician access for professional maintenance.

Subscription Plans Tailored to Multiply Your Friax Features *

BASIC Plan

Included for life with the WineSupervisor 3

.Remote access (24/7)
.Temperature / Humidity visualization
.Real-time alarms

DEGUSTATION Plan

Trial period included upon activation

.Remote access (24/7)
.Temperature / Humidity visualization
.Real-time alarms
.Remote control
.Expert mode
.Operating curves
.3 years of history
.Connected lighting
.Connected silent mode
.Maintenance access

API Plan

Subscription via website

.Remote access (24/7)
.Temperature / Humidity visualization
.Real-time alarms
.Remote control
.Expert mode
.Operating curves
.3 years of history
.Connected lighting
.Connected silent mode
.Maintenance access
.Custom features
.Full export for traceability

Also available in Modbus version for integration into an existing supervision network

Code	*Description*	*Info*
KWSP-I	WineSupervisor Kit I - Modbus Version	p68
KWSP-III	WineSupervisor Kit 3 - Connected Version	p68

*Requires installation of a WineSupervisor 3 device — Features vary by model and finish — Annual subscription (If you choose not to renew your subscription, automatic downgrade to free BASIC plan; you remain connected)


Chill' loop
The flexibility of a split system without the constraints of a refrigerant installation
FRIA
INDUSTRIE

Chill'loop

Chill'loop is the Friax wine cellar air conditioner concept based on ice water loop technology. It offers the flexibility of a plug&play split system without the constraints of a conventional refrigerant installation.



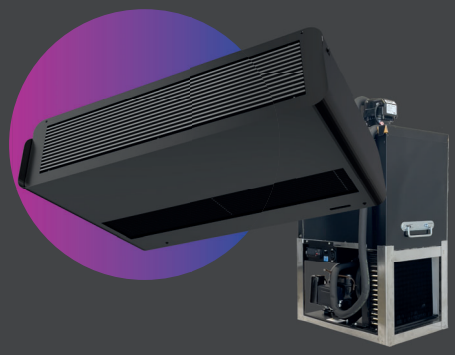
Wall-mounted H2OXO | Onyx p 10

The Chill'loop H2OXO Onyx is the model developed to let you benefit from Friax expertise, design and technology at the best price thanks to its cooling-only equipment.



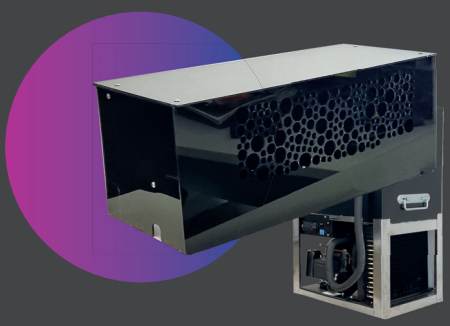
Wall-mounted H2OX | Vintage p 12

The Chill'loop H2OX is the wall solution with the most complete equipment that will become the central decorative element of your cellar thanks to its discreet and customizable design.



Ceiling-mounted H2OPL | Vintage p 16

The Chill'loop H2OPL simplifies ceiling installation of the air conditioner when walls are covered with bottles.



H2OA cabinet | Céos p 20

The Chill'loop H2OA integrates perfectly into your custom projects by simplifying the refrigerant system installation. You have complete freedom to create the cabinets and small cellars you envision.

WALL-MOUNTED H2OXO Onyx

Chill'loop Onyx



The wall-mounted Chill'loop H2OXO Onyx offers the flexibility of a split system without the constraints of a refrigeration installation.

Installing the H2OXO Onyx to cool your cellar lets you enjoy the simplicity of Friax's Chill'loop technology at the best price.

Onyx Finish

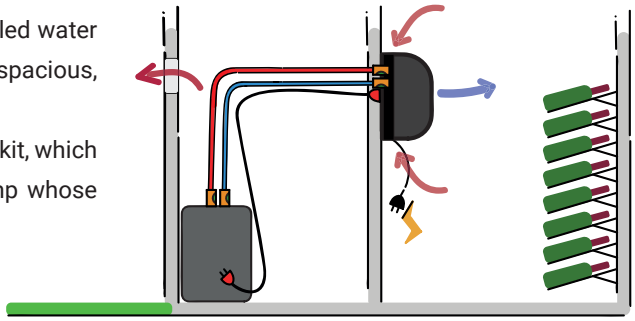
The Chill'loop H2OXO Onyx air conditioner is configured to maintain your cellar at the ideal wine storage temperature during periods of high heat.

Faithful to the original design of Friax Chill'loop systems, it cools without dehumidifying the room where it is installed. This is made possible by precise refrigeration system sizing and the use of the CWR (Cold Water Recycling) tank, specifically designed to recycle the cellar's natural condensation water. Note, however, that cellars naturally too dry will not be re-humidified.

The latest-generation white LED electronic controller, positioned on the front of the unit inside the cellar, regulates both the cellar's internal temperature and the group's water temperature year-round.

Easy Installation

Chill'loop works like a split system, with an indoor unit in the cellar and a remote group, but the fluid used to cool the cellar is simply chilled water instead of refrigerant gas. It must be installed in a sufficiently spacious, ventilated, frost-free location such as a garage or utility space.
Connection between the two units is made using a KLCL linkage kit, which includes tubing, quick connectors, electrical wiring, and a pump whose power varies depending on the selected length.



Once installation is complete, simply add water, plug in — and you're done.

Sustainable Design

To contribute to planetary protection, Chill'loop uses the most modern and energy-efficient ventilation technologies.

The R290 refrigerant charge in the group's refrigeration circuit reduces the air conditioner's impact on global warming, and the heat-transfer fluid used to cool your cellar is nothing more than water* (H2O).



*Use of demineralized water is recommended



WALL-MOUNTED H2OXO Onyx - Description

Onyx Cooling Only

- Wall-mounted refrigeration unit
  - Wall-mounted refrigeration unit
  - Black textured ABS casing
  - Glossy black front panel
  - Gravity-based condensate drainage (in or out)
  - CWR (Cold Water Recycling)
  - Power cord with plug
  - Low-consumption EC variable-speed refrigeration fans
  - Front LED controller displaying temperature, alarms, and device functions
- External group (outside cellar)
  - Black epoxy-painted casing
  - R290 refrigerant with no global warming impact
- KLCL connection kit (to be added as accessory)
  - Two lengths of insulated tubing matching the distance between H2OX and the group
  - Electrical connections equipped with connectors to be positioned between group and refrigeration unit
  - Hydraulic fittings for tool-free connection of components
  - Chilled water pump sized according to KLCL connection kit length

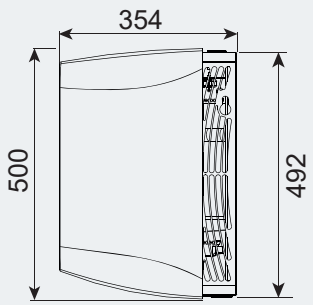
	Chill' loop	50
Refrigeration Capacity at 12°C / 35°C Ambient	W	1050
Electrical Specifications	Chill' loop	50
Voltage	50Hz	230 V/1+T
Current	A max	4.5
H2OXO Refrigeration Unit Specifications	H2OXO	50
Airflow in the cellar	m3/h	440
Casing / Front Panel Color		Noir / Noir
Fluid		H_2O
Weight	kg	18
Group Specifications	H2OXO	50
Water Capacity	L	30
Casing Color		Noir
Refrigerant		R290
Empty Group Weight	kg	39
Heat Rejection	W	1420
Group Airflow	m3/h	350

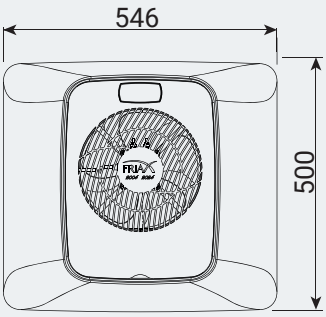
1 - Chill' loop H2OXO Onyx		*Product Code* ***CL50_H2OXO_ ONY***
2 - Connection Kits		*Product Code*
4 m	Accessories + Pump 1 + Connections (4 m length)	***KLCL-4-P1***
6 m	Accessories + Pump 1 + Connections (6 m length)	***KLCL-6-P1***
8 m	Accessories + Pump 1 + Connections (8 m length)	***KLCL-8-P1***
10 m	Accessories + Pump 2 + Connections (10 m length)	***KLCL-10-P2***
12 m	Accessories + Pump 2 + Connections (12 m length)	***KLCL-12-P2***
16 m	Accessories + Pump 2 + Connections (16 m length)	***KLCL-16-P2***

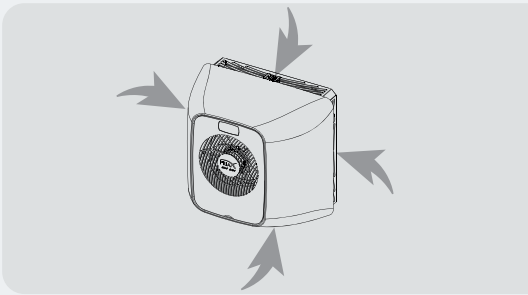
Accessories

Code	*Description*	*Compatibility*	*Info*
		Onyx	
KPR-UF	Universal Plug&Play Lift Pump Kit Friax	X	p69
KNET125	Odorless Special Cellar Air Conditioner Cleaner 125 ml	X	p69
KS2M	MPCG Wall Mount Kit, Chill'loop Group, GCH / GCG / GCW Groups	X	p70
KGRFR-18-20L	GREENFREEZE Antifreeze Fluid -18°C for Chill'loop – 20L Can	X	p70

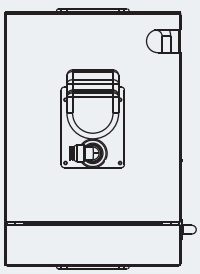
Dimensions – Refrigeration Unit

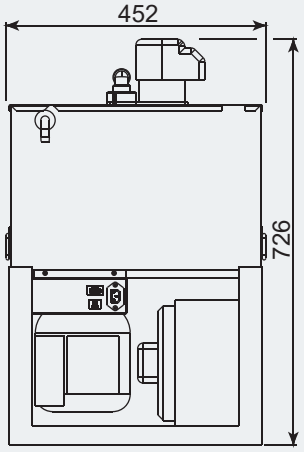


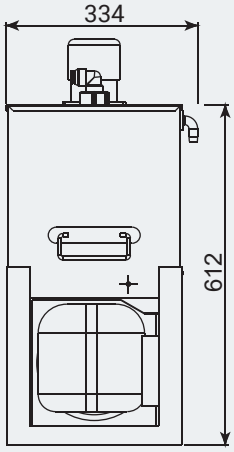




Dimensions – Group









Wall-mounted H2OX



The Chill' loop H2OX wall-mounted unit offers the flexibility of a split system without the constraints of a refrigerant installation.

Based on chilled water loop technology, it transforms any insulated room into an ideal wine cellar. Its commissioning requires only the connection of a few quick-connect fittings.

The H2OX refrigeration unit is wall-mounted to treat the cellar air.

Vintage Finish

Chill' loop ensures healthy cellar air conditioning by maintaining humidity levels to optimally protect the wine and its bottle. Featuring a standard Vintage finish, it includes heating to minimize temperature fluctuations between seasons and the HGR% humidification system designed for modern cellars that are often too dry. Using the KLPWSECU-XJ kit will facilitate and secure the water connection for the HGR%.

New Generation RSF2 Remote Control

This is the simplest solution for accessing your cellar air conditioning controls. With the RSF2 wireless radio frequency remote, distance is no longer an issue as the signal passes through walls. You can control your cellar even from your kitchen. On Vintage models, it displays both temperature and humidity.



Customizable

The modern and sleek design of this cellar air conditioner can be customized to make each wine cellar unique. The interchangeable colored facade offers endless possibilities. The Chill' loop H2OX comes standard with a glossy black facade.

WineSupervisor

Monitor and control your cellar remotely (Web/Android/iOS) to ensure your bottles are never at risk. Adding the WineSupervisor connected kit (KWSP-III) allows you to manage the air conditioner, receive alerts in case of anomalies, record the complete history of the storage atmosphere, and provide direct access to a technician if needed. For more complex home automation installations, data is available via Modbus.

Sustainable Design

To contribute to the effort of protecting our planet, Chill' loop utilizes the most modern and energy-efficient ventilation technologies. The R290 refrigerant charge in the unit's cooling circuit reduces the air conditioner's impact on global warming. The heat transfer fluid used to condition your cellar is nothing more nor less than water.



Chill' loop

Wall-mounted H_2OX

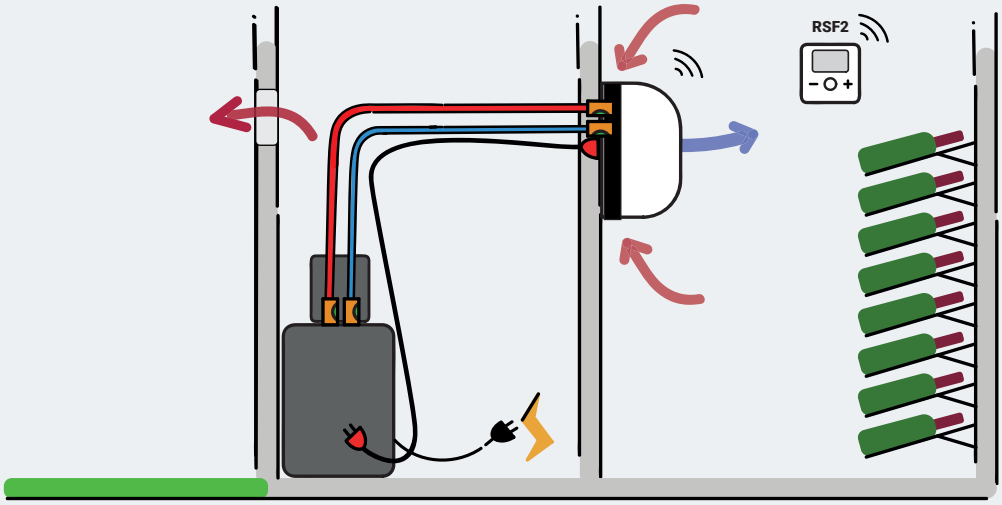
Ease of Commissioning and Use

Installation, operation, or maintenance: Chill' loop cellar air conditioners are designed to be accessible to everyone while maintaining Friax product quality standards. No refrigerant fluid handling is required.



A Chill' loop system consists of:

A refrigeration unit | A group unit | A KLCL "connection + pump" kit



Simply mount the refrigeration unit in the cellar, place the group unit in a frost-protected location sheltered from the weather (garage, crawl space, etc.), and connect them using a connection kit of appropriate length.

If there is a risk of freezing, the use of GREENFREEZE antifreeze fluid is recommended (see accessories).

1. Connection is made by pulling the insulated flexible tubes and electrical connections from the KLCL connection kit selected for the cellar. The chilled water circulation pump is included in the kit for optimal performance.

Only a utility knife is needed to make the hydraulic connections. The electrical part is done using quick connectors.

2. A simple water top-up* is all that's needed to achieve a conditioned cellar between 8 and 16°C, depending on volume, insulation, and requirements. Just a few liters in a closed circuit are sufficient.

3. After powering up, operation is quick and straightforward; everything is controlled via the remote to start the unit.

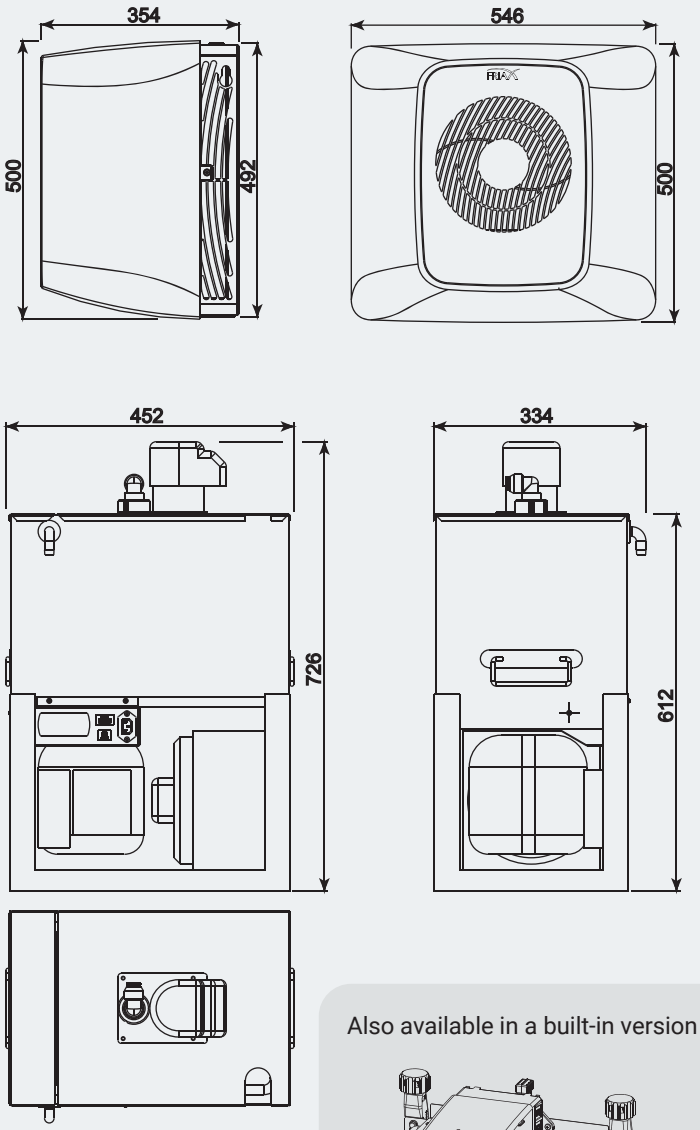
*The use of demineralized water is recommended

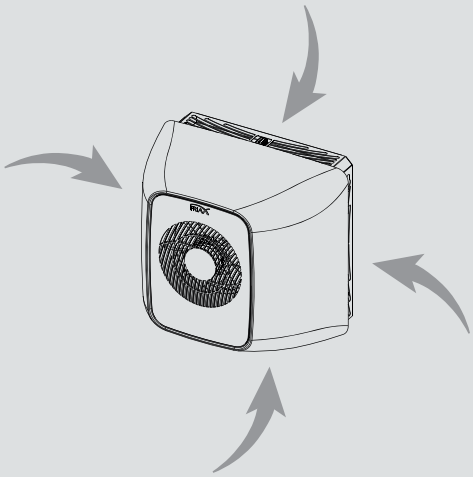
WS 1 Adding a WineSupervisor 3 kit allows remote control and monitoring of your system's proper operation via the internet.



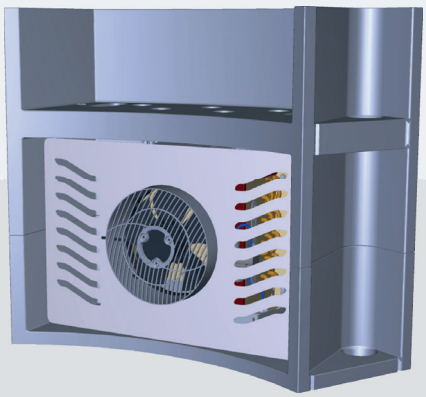
Wall-mounted H2OX

Dimensions

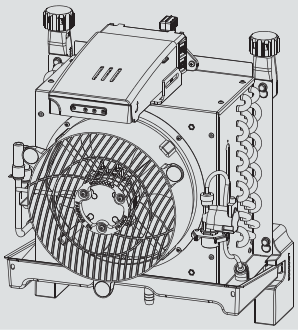




The H2OX must be installed sufficiently far from obstacles to allow air intake around its periphery.



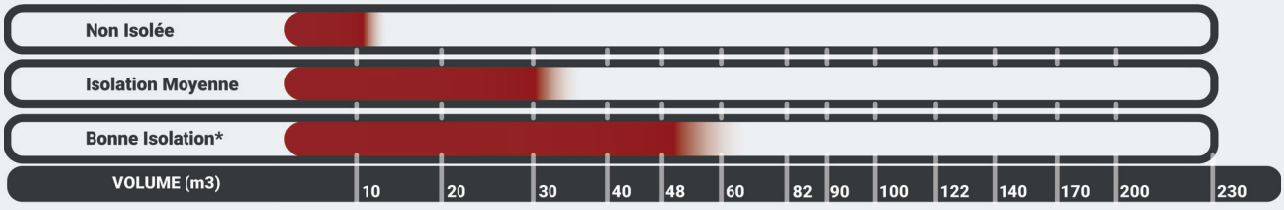
Also available in a built-in version without casing.



In its built-in version, the H2OX can be installed directly into prefabricated wooden or concrete cellar elements. A customized facade will make it disappear!

Contact us for your projects.

Quick Selection



12°C
35°C ext.

** Isolation murs et plafond entre 60 et 80 mm de Polyuréthane*

WARNING

The selections presented are for indicative purposes only and cannot under any circumstances replace a thermal assessment that takes into account all parameters related to the cellar.

Wall-mounted H2OX

Technical specifications

	Chill' loop	50
Cooling capacity at 12°C / 35°C ambient	W	1050
Heating capacity	W	800
Electrical specifications	Chill' loop	50
Voltage	50Hz	230 V/1+T
Current	A max	4.4
H2OX refrigeration specifications	H2OX	50
Airflow in the cellar	m3/h	440
Casing/Facade color		Blanc / Noir
Refrigerant		H_2O
Weight	kg	18
Chiller unit specifications	H2OX	50
Water capacity	L	30
Casing color		Noir
Refrigerant fluid		R290
Empty chiller unit weight	kg	39
Heat rejection	W	1420
Chiller unit airflow	m3/h	350
1 - Chill' loop H2OX Vintage	*Code article*	***CL50_H2OX_VT***

2 - Connection kits		*Code*
	Description	
4 m	Connection accessories + Circulation pump 1 + Hydraulic and electrical connection (4 m length)	***KLCL-4-P1***
6 m	Connection accessories + Circulation pump 1 + Hydraulic and electrical connection (6 m length)	***KLCL-6-P1***
8 m	Connection accessories + Circulation pump 1 + Hydraulic and electrical connection (8 m length)	***KLCL-8-P1***
10 m	Connection accessories + Circulation pump 2 + Hydraulic and electrical connection (10 m length)	***KLCL-10-P2***
12 m	Connection accessories + Circulation pump 2 + Hydraulic and electrical connection (12 m length)	***KLCL-12-P2***
16 m	Connection accessories + Circulation pump 2 + Hydraulic and electrical connection (16 m length)	***KLCL-16-P2***

Chill' loop KLCL connection kits consist of:

- Two lengths of insulated tube corresponding to the distance between the H2OX and the chiller unit.
- Electrical connections equipped with connectors to be positioned between the chiller unit and the refrigeration unit.
- Hydraulic fittings to connect the various elements without tools.
- A chilled water pump sized according to the length of the KLCL connection kit.

Indispensable !

Customization

	Code	*Description*	*Compatibilité*	*Infos*
	KFXJ-CEDRE	Custom facade in Cedar Wood color	X	p68
	KFXJ-ROUGE	Custom facade in Lipstick Red color	X	p68
	KFXJ-BLEU	Custom facade in Intense Blue color	X	p68
	KFXJ-GP	Custom facade in Polar Grey color	X	p68
	KFXJ-GLITTER	Custom facade in Glitter Black color	X	p68
	KFXJ-CUIVRE	Custom facade in Brushed Copper color	X	p68
	KFXJ-ARGENT	Custom facade in Brushed Silver color	X	p68
	KFXJ-OV	Custom facade in Vintage Gold color	X	p68
	KCXJ-NOIR	Custom bodywork in Matte Night Black color	X	p68

Can't find what you're looking for? Request a custom color or personalized engraving!

Accessories

Code	*Description*	*Compatibilité*	*Infos*
		Vintage	
KWSP-I	WineSupervisor Kit I - Modbus Version	X	p68
KWSP-III	WineSupervisor Kit 3 - Connected Version	X	p68
KLED-XJ	Plug & play LED backlighting kit for H20X - EVX - MPCJ	X	p68
KLPWSECU-XJ	Secure connection kit for H20X and MPCJ humidifiers	X	p69
KLPR20	20m extension kit for humidifier	X	p69
KPR-UF	Friax universal plug & play lift pump kit	X	p69
KNET125	125 ml odorless special wine cellar air conditioner cleaner	X	p69
KGRFR-18-20L	GREENFREEZE Antifreeze Fluid Kit -18°C for Chill' loop - 20L Canister	X	p69
KSTART-1	Friax Starting Pack including KWSP-III, KLPWSECU/XJ, KNET125	X	p69
KS2M	Wall support kit for MPCG, Chill'loop unit, GCH GCG GCW units	X	p70

H2OPL CEILING MOUNT



The Chill' loop H2OPL ceiling mount offers the flexibility of a split system without the constraints of a refrigeration installation.

Based on ice water loop technology, it will transform any isolated room into an ideal wine cellar. Its commissioning only requires the connection of a few quick connectors.

The H2OPL refrigerator is attached to the ceiling to treat the air in the cellar.

Vintage finish

The Chill' loop allows you to air-condition a healthy cellar while retaining its humidity to best protect the wine and its bottle. With a Vintage finish as standard, it includes heating to limit temperature differences between the different seasons and the HGR% humidification system intended for modern cellars that are often too dry.
Using a KLPWSECU kit will make water connection easier and safer.

New generation RSF2 remote control

This is the simplest solution for accessing the control of your cellar air conditioning. With the RSF2 radio frequency wireless remote control, no more distance problems, the signal passes through walls. You can control your cellar right from your kitchen. On Vintage models, it displays temperature and humidity.



WineSupervisor

Monitor and control your cellar remotely (Web/Android/iOS) so you never take the slightest risk with your bottles. The addition of a WineSupervisor connected kit (KWSP-III) allows you to control the air conditioner, to be alerted in the event of an anomaly, to record the complete history of the storage atmosphere, and to provide direct access to a technician if necessary. For more complex home automation installations, the data is available in Modbus.

Sustainable design

To participate in the effort to protect our planet, Chill' loop uses the most modern and least energy-consuming ventilation technologies.
The R290 refrigerant charge in the group's refrigeration circuit reduces the impact of the air conditioner on global warming. The heat transfer fluid used to air condition your cellar is nothing more and nothing less than water.



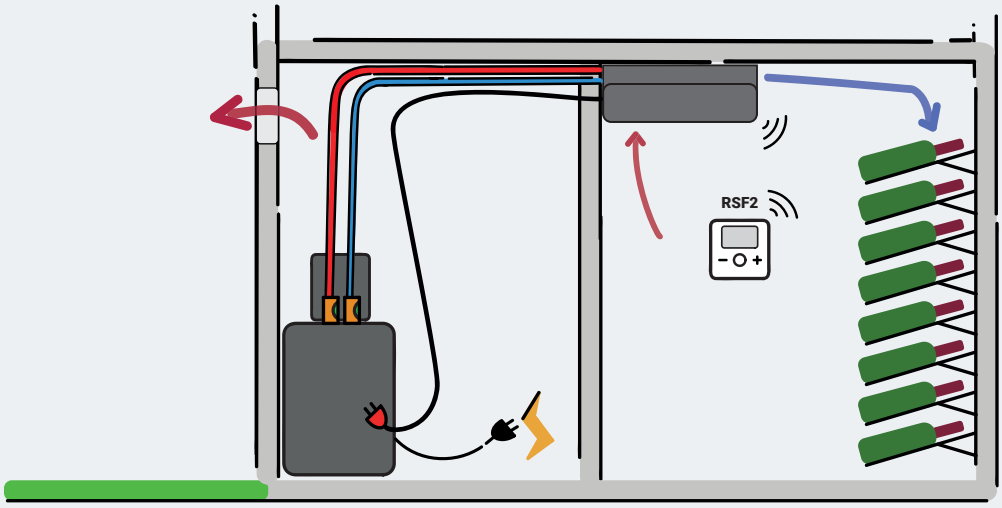
H2OPL CEILING MOUNT



Simple to commission and use

Installation, use or maintenance, Chill' loop cellar air conditioners are designed to be accessible to everyone while maintaining the level of quality of Friax products. No handling of refrigerant required.

A Chill' loop set is:
A refrigerator | A group | A KLCL "connection + pump" kit



Simply attach the refrigerator to the corner between the ceiling and a cellar wall. Place the group in a place protected from frost and protected from bad weather (garage, crawl space, etc.) and connect them together with a connection kit of suitable length. In case of risk of freezing, the use of GREENFREEZE antifreeze fluid is recommended (see accessories)

1. The connection is made by pulling the insulated flexible tubes and the electrical connections from the KLCL connection kit selected for the cellar. The chilled water circulation pump is included in the kit for optimal power.

Only a cutter is useful to make the hydraulic connections. The electrical part is done using quick connectors.

2. A simple SUPPLEMENT of water* is necessary to obtain an air-conditioned cellar of 8 to 16°C depending on the volume, insulation and needs. A few liters in a closed circuit are enough.

*The use of demineralized water is recommended

3. After powering up, it's quick to get started, everything happens on the remote control to start the device.

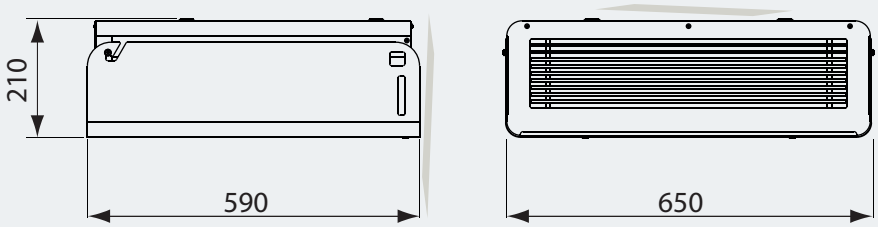
Adding a WineSupervisor3 kit allows you to take remote control and monitor the proper functioning of your installation from the internet.

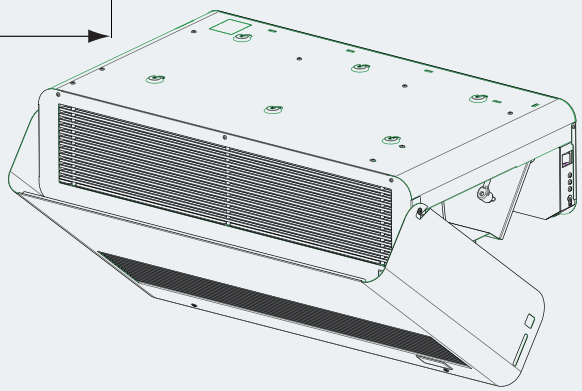


H2OPL CEILING MOUNT

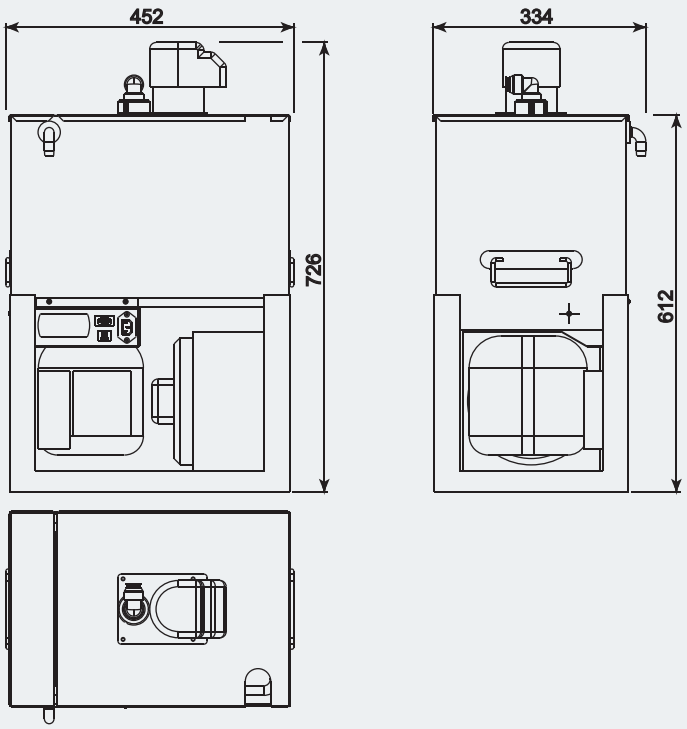
Dimensions

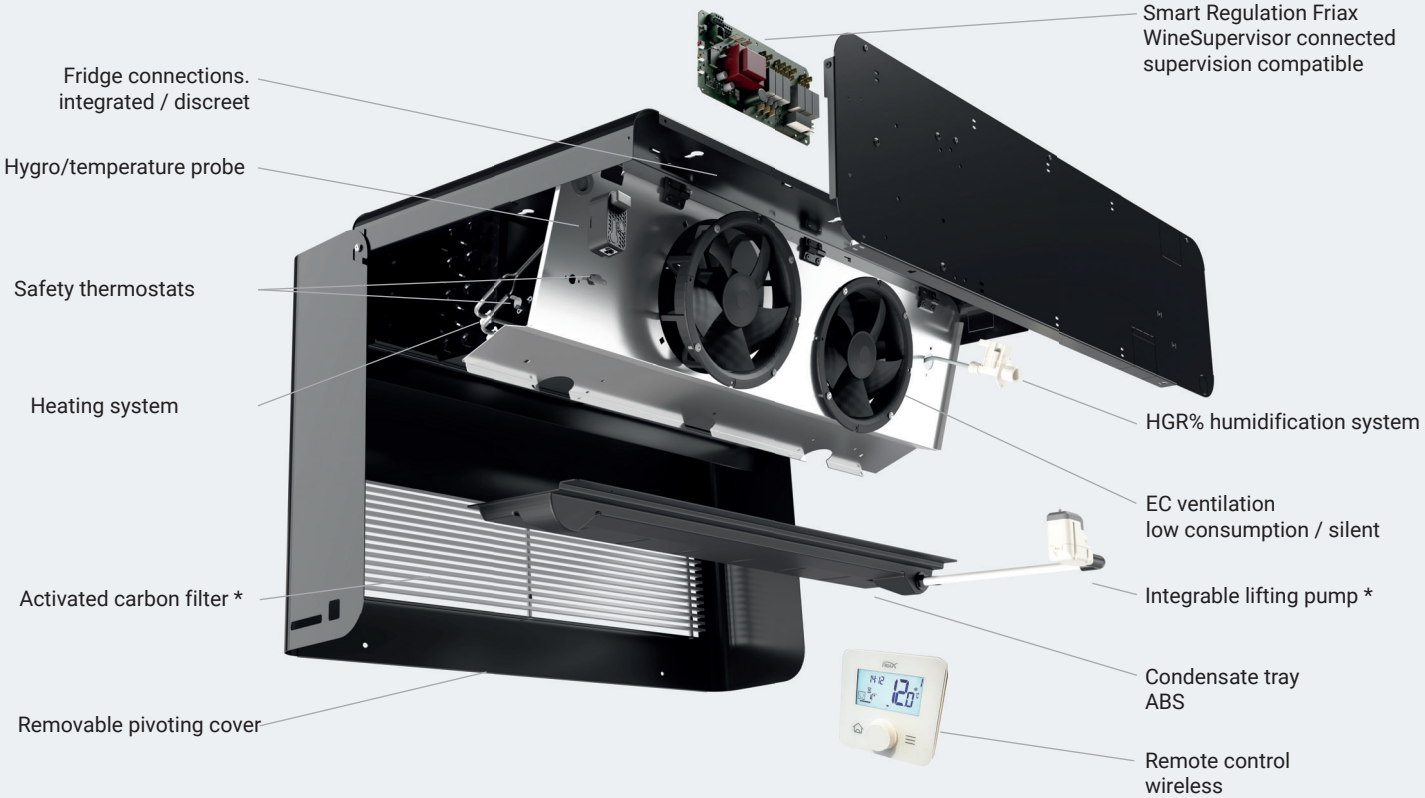
CL50_H2OPL_VT





Groupe CL50





H2OPL CEILING MOUNT

Technical characteristics

	Chill' loop	50
Fridge power. 12°C / 35°C ext.	W	1050
Heating Power	W	870
Electrical characteristics	Chill' loop	50
Tension	50Hz	230 V/1+T
Intensity	A max	4.4
H2OPL refrigeration characteristics	H2OX	50
Air flow in the cellar	m3/h	440
Body/facade color		Noir
Fluid		H_2O
Weight	kg	21
Group characteristics	H2OX	50
Water capacity	L	30
Body color		Noir
Refrigerant		R290
Unladen group weight	kg	39
Heat rejection	W	1420
Group air flow	m3/h	350
1 - Chill' loop H2OPL Vintage	*Code article*	***CL50_H2OPL_VT***

2 - Connection kits		*Code*
	Description	
4 m	Connection accessories + Circ. pump 1 + Hydraulic connection. and elect. (length 4 m)	***KLCL-4-P1***
6 m	Connection accessories + Circ. pump 1 + Hydraulic connection. and elect. (length 6 m)	***KLCL-6-P1***
8 m	Connection accessories + Circ. pump 1 + Hydraulic connection. and elect. (length 8 m)	***KLCL-8-P1***
10 m	Connection accessories + Circ. pump 2 + Hydraulic connection. and elect. (length 10 m)	***KLCL-10-P2***
12 m	Connection accessories + Circ. pump 2 + Hydraulic connection. and elect. (length 12 m)	***KLCL-12-P2***
16 m	Connection accessories + Circ. pump 2 + Hydraulic connection. and elect. (length 16 m)	***KLCL-16-P2***

The Chill' loop KLCL connection kits are composed of:

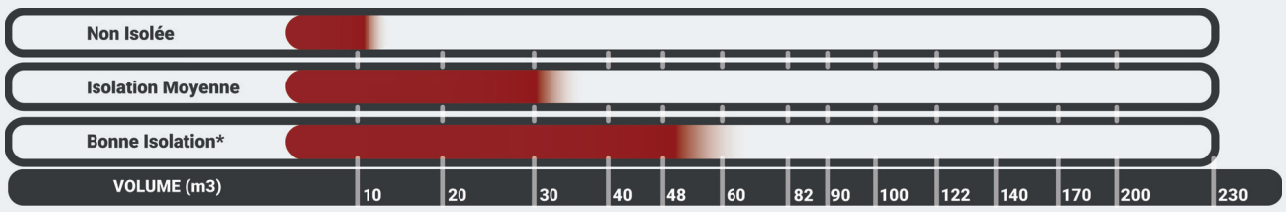
- Two lengths of insulated tube corresponding to the distance between the H2OX and the group.
- Electrical connections equipped with connectors to be positioned between the group and the refrigerator.
- Hydraulic fittings to connect the different elements without tools.
- A chilled water pump sized according to the length of the KLCL link kit.

Essential !

Accessoires

Code	*Description*	*Compatibilité*	*Infos*
		Vintage	
KWSP-I	WineSupervisor I Kit Modbus Version	X	p68
KWSP-III	WineSupervisor 3 Kit Connected version	X	p68
KLPWSECU-XJ	Secure connection kit for H20X and MPCJ humidifier	X	p69
KLPR20	20m extension kit for humidifier	X	p69
KPR-UF	Friax universal plug&play lifting pump kit	X	p69
KHGCHAPL	Activated carbon filter	X	p69
KNET125	Special cellar air conditioner cleaner without odor 125 ml	X	p69
KGRFR-18-20L	GREENFREEZE Antifreeze Fluid Kit -18°C for Chill' loop - 20l can	X	p69
KSTART-1	Friax starting pack including KWSP-III, KLPWSECU/XJ, KNET125	X	p69
KS2M	MPCG wall support kit, Chill'loop group, GCH GCG GCW group	X	p70

Quick selection



12°C
35°C ext.

** Isolation murs et plafond entre 60 et 80 mm de Polyuréthane*

WARNING

The selections presented are given for information purposes only and can in no way replace a thermal assessment which will take into account all the parameters linked to the cellar



H2OA CABINET

Chill'loop H2OA is the simplicity of installation for custom cabinets. Based on MicroChiller technology (chilled water loop), its commissioning only requires the connection of a few quick connectors. Its new glossy black PMMA body allows it to remain visible without affecting the aesthetics of the place where it is installed. Installed on a partition, it is also very suitable for small volume cellars.

Finish Céos

The Chill'loop allows you to air-condition a healthy cellar while preserving its humidity to best protect the wine and its bottle. With Céos finish as standard, it integrates the HGR% humidification system designed to adapt the humidity of overly dry cellars. No heat input or demineralized water is required. The use of a KLPWSECU kit will facilitate and secure the connection to water.

New generation RSF2 remote control

It is the simplest solution to access the control of your cellar air conditioning. With the RSF2 wireless remote control at radio frequency, no more distance problems, the signal passes through the walls. You can control your cellar even from your kitchen. On Céos models, it displays temperature and humidity.



Customizable

Offered as standard in its glossy black PMMA version, the H2OA body can be customized and adapted to the color and material of your project to disappear into the cellar environment. Your creativity is the only limit... Discover the standard colors in the accessories section.

WineSupervisor

Monitor and control your cellar remotely (Web/Android/iOS) to never take the slightest risk with your bottles. Adding a connected WineSupervisor kit (KWSP-III) allows you to control the air conditioner, be alerted in case of anomaly, record the complete history of the conservation atmosphere, and give direct access to a technician if needed. For more complex home automation installations, data are available in Modbus.

Sustainable design

To participate in the effort to protect our planet, Chill'loop uses the most modern and least energy-consuming ventilation technologies. The R290 refrigerant charge in the refrigeration circuit of the group reduces the impact of the air conditioner on climate change. The heat transfer fluid used to air-condition your cellar is nothing more than water.



H2OA CABINET

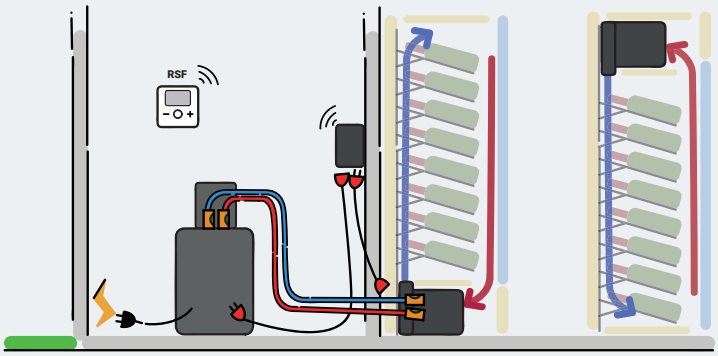
Simplicity of commissioning and use

Installation, use or maintenance, Chill'loop cellar air conditioners are designed to be accessible to everyone while maintaining the quality level of Friax products. No refrigerant fluid handling required.



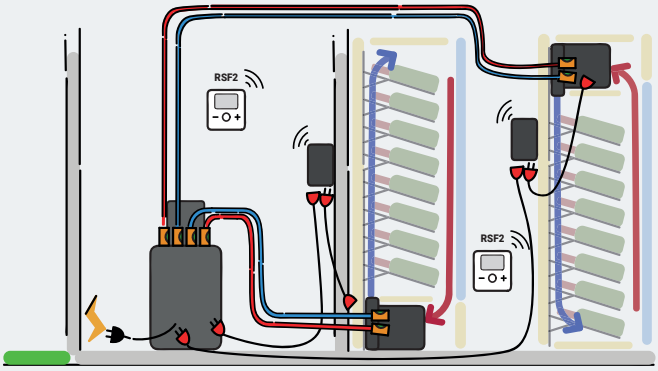
A Chill'loop H2OA Céos set consists of: One or two refrigerators | One group | One or two KLCL "connection + pump" kits

H2OA for single-temperature cabinet



The interior H2OA unit is installed in the wine cabinet in high or low position. The exterior unit will be placed in a ventilated or sufficiently spacious location, protected from weather and frost (garage, crawlspace, etc...)

H2OA for dual-temperature cabinet



The 2 interior H2OA units are installed in one or two wine cabinets in high or low position to regulate each a temperature. The exterior unit equipped with its two pumps will be placed in a ventilated or sufficiently spacious location, protected from weather and frost (garage, crawlspace, etc...)

1. Connection is made by pulling the insulated flexible tubes and electrical connections from the KLCL connection kit selected for the cellar. The chilled water circulation pump is included in the kit for optimal power. Only a cutter is needed to perform hydraulic connections. The electrical part is done using quick connectors.

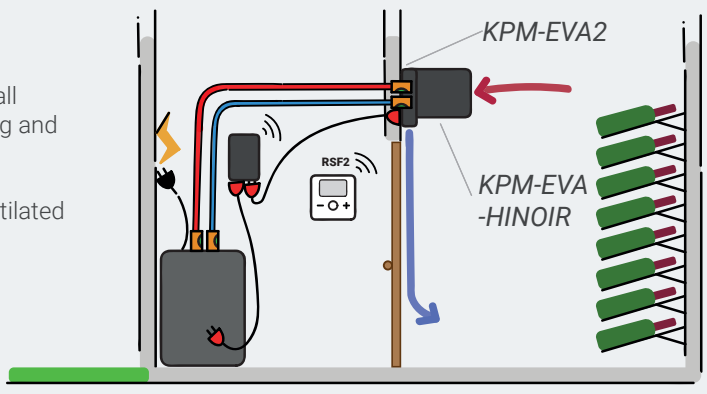
2. A simple water TOP-UP* is necessary to obtain an air-conditioned cellar of 8 to 16°C depending on volume, insulation and needs. A few liters in closed circuit are sufficient.

3. After power-on, learning is quick, everything is done on the remote control to start the device.

*The use of demineralized water is recommended - In case of frost risk, prefer the Green-Freeze antifreeze fluid (See accessories)

H2OA for small volume cellar

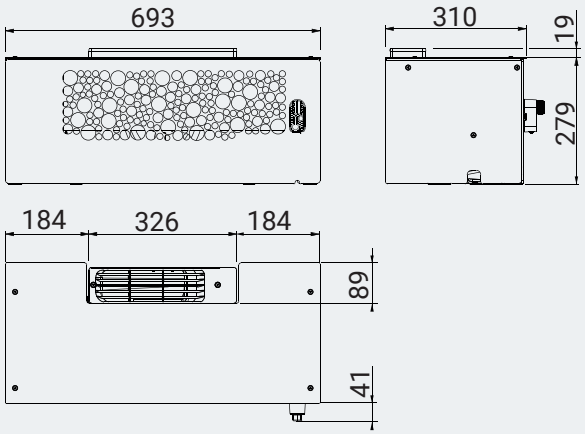
Chill'loop 50 H2OA Céos equipped with the KPM-EVA2 wall installation kit easily fixes against a wall to provide cooling and humidification for small volume cellars. Plan to add a KPM-EVA-HINOIR cladding kit to close the bottom of the refrigerator. The group will be housed in a sufficiently ventilated room to avoid overheating the space.

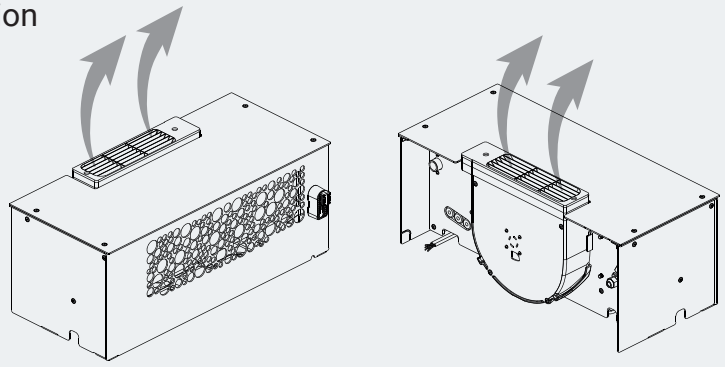


H2OA CABINET

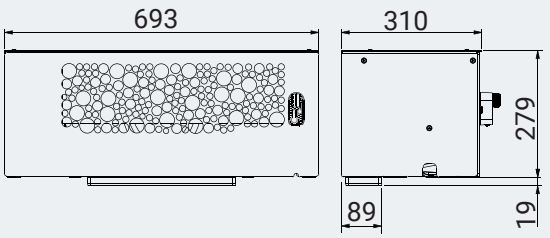
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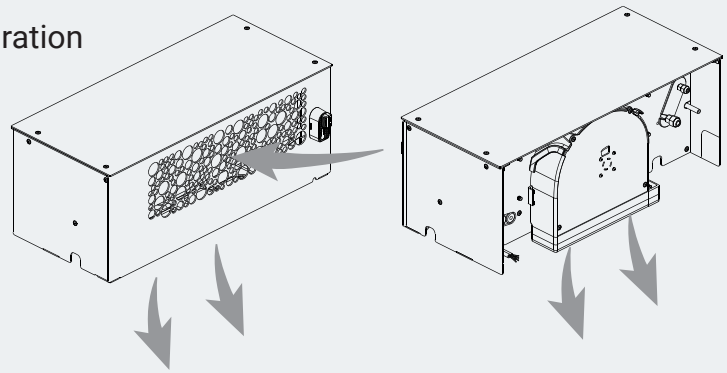
Refrigerator | Upward discharge configuration



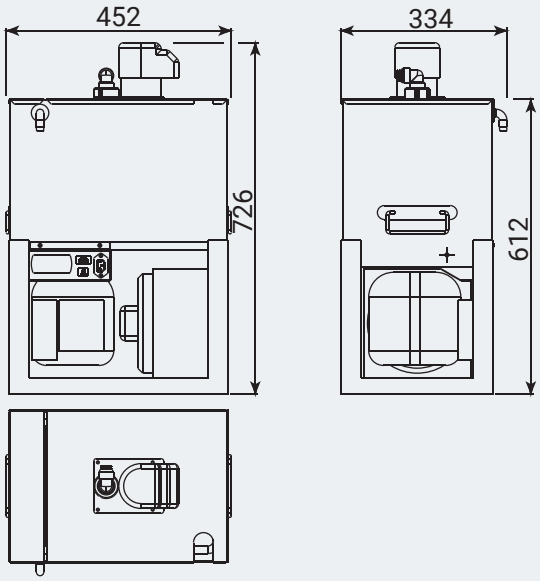


Refrigerator | Downward discharge configuration

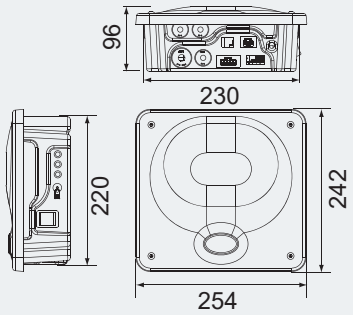




Chill'loop group

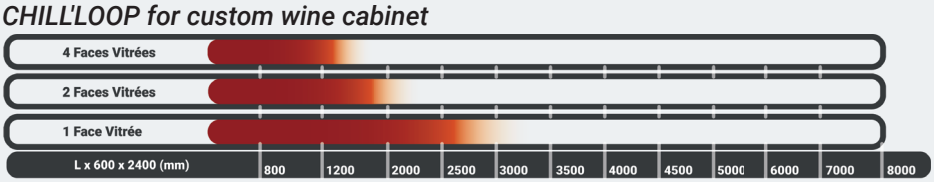


Connection box



Quick selection

CHILL'LOOP for custom wine cabinet

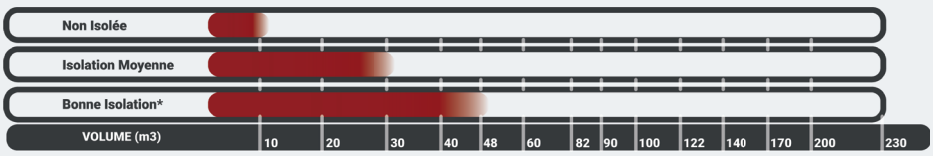


12°C 32°C ext.

** Isolation parois, sol et plafond*
30 mm Polyuréthane + 20 mm Bois
Double vitrage anti-UV 4x12x4
Menuiseries rupture de pont thermique

H2OA

CHILL'LOOP for cellar



12°C 35°C ext.

** Isolation murs et plafond*
entre 60 et 80 mm de Polyuréthane

H2OX H2OA

WARNING Selections are given for information purposes only and cannot in any way replace a thermal analysis which will take into account all parameters related to the cellar.

H2OA CABINET

Technical characteristics

	Chill' loop	50	50 bi-températures
Maximum cellar volume See quick selection table	m3	50	50
Cooling capacity 12°C / 35°C external	W	1050	1050
Heating power	W	-	-
HGR% humidifier	Céos	Oui	Oui
Electrical characteristics	Chill' loop	50	50
Voltage	50Hz	230 V/1+T	230 V/1+T
Current	A max	4,8	6,1
Refrigerator characteristics	Type	50H2OACS	2 x 50H2OACS
Air flow in the cellar	m3/h	370	2 x 370
Chassis color		Noir brillant	Noir brillant
Fluid		H2O	H2O
Weight	kg	9	2 x 9
Group characteristics	Type	CL50	CL50T
Water capacity	L	30	30
Chassis color		Noir	Noir
Refrigerant		R290	R290
Group weight empty	kg	39	39
Heat rejection	W	1420	1420
Group air flow	m3/h	350	350
1 - Chill'loop H2OA Céos	*Code article*	***CL50_H2OA_CS***	***CL50_2H2OA_CS***

2 - Connection kits		*Code*
	Description	
4 m	Connection accessories + Circul. pump 1 + Hydraulic and electrical connection (length 4 m)	***KLCL-4-P1***
6 m	Connection accessories + Circul. pump 1 + Hydraulic and electrical connection (length 6 m)	***KLCL-6-P1***
8 m	Connection accessories + Circul. pump 1 + Hydraulic and electrical connection (length 8 m)	***KLCL-8-P1***
10 m	Connection accessories + Circul. pump 2 + Hydraulic and electrical connection (length 10 m)	***KLCL-10-P2***
12 m	Connection accessories + Circul. pump 2 + Hydraulic and electrical connection (length 12 m)	***KLCL-12-P2***
16 m	Connection accessories + Circul. pump 2 + Hydraulic and electrical connection (length 16 m)	***KLCL-16-P2***

Essential!

Chill'loop connection kits KLCL consist of:

- Two lengths of insulated tubing corresponding to the distance between the H2OA and the group.
- Electrical connections equipped with connectors to be positioned between the group and the
- refrigerator. Hydraulic fittings to connect the different elements without tools. A chilled water pump
- sized according to the length of the KLCL connection kit.

For dual-temperature version: - plan for 2 connection kits. - The lengths of each kit can be different.

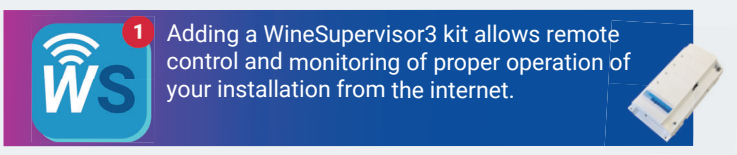
Customization

	Code	*Description*	*Compatibilité*	*Infos*
	KCEVA-CUIVRE	PMMA body upgrade EVA/H2OA Brushed Copper for 1 unit	X	p68
	KCEVA-ARGENT	PMMA body upgrade EVA/H2OA Brushed Silver for 1 unit	X	p68
	KCEVA-GLITTER	PMMA body upgrade EVA/H2OA Sparkling Black for 1 unit	X	p68
	KCEVA-OV	PMMA body upgrade EVA/H2OA Vintage sparkling Gold for 1 unit	X	p68
	KCEVA-AGN	Painted Aluminum body upgrade EVA/H2OA Anodic Grey Natura for 1 unit	X	p68

Can't find what you're looking for? Ask us for a custom color or engraving!

Accessoires

Code	*Description*	*Compatibilité*	*Infos*
		Céos	
KWSP-I	WineSupervisor I Modbus version kit	X	p68
KWSP-III	WineSupervisor 3 Connected version kit	X	p68
KLPWSECU-XJ	Secure connection kit for humidifier	X	p69
KLPR20	20m extension kit for humidifier	X	p69
KPR-UF	Friax universal plug&play lift pump kit	X	p69
KNET125	Odorless cellar air conditioner cleaner 125 ml	X	p69
KGRFR-18-20L	Antifreeze fluid kit GREENFREEZE -18°C for Chill'loop - 20L can	X	p69
KSTART-I	Friax starting pack comprising KWSP-III, KLPWSECU/XJ, KNET125	X	p69
KS2M	Wall mount kit for Chill'Loop group	X	p70
KPM-EVA2	Wall installation kit for EVA2 and H2OA	X	p70
KPM-EVA2-HINOIR	Lower cladding for EVA2 and H2OA wall installation	X	p70





LES MONOBLOCS

Compact wine cellar air conditioners that incorporate all Friax expertise

FRIAX INDUSTRIE

LES MONOBLOCS

Friax monoblocs are easy-to-install devices. They do not necessarily require specialist intervention.



Through-wall MPCO | Onyx p 26

The MPCO Onyx is the simplest monoblock product in its equipment and features, without compromising on safety and design. With cooling-only operation, it allows you to protect your wine at the best price.



Through-wall MPCJ | Vintage p 28

The MPCJ Vintage is the Friax monoblock with the most complete equipment. It features a refined and customizable design that allows you to configure your wine cellar's atmosphere.



Ductable MPCG | Vintage p 32

The MPCG monoblock equipped with a ductable facade can be installed inside or outside the cellar to optimize space.



MPCA cabinet | Céos p 36

The MPCA was specifically developed to easily equip custom wine display cabinets and small cellar spaces.

Monobloc Onyx

THROUGH-WALL MPCO Onyx





Installing MPCO Onyx to air-condition your cellar means enjoying the technology, expertise and design of a Friax at the best price. Anniversary device specially designed for the brand's 20th anniversary.

Onyx finish

The MPCO Onyx air conditioner is configured to maintain your cellar at the ideal wine storage temperature during periods of extreme heat.

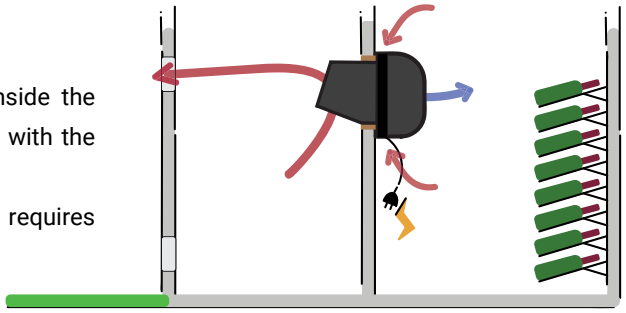
True to the original design of Friax air conditioners, it allows you to cool without dehumidifying the room where it is installed. This is made possible thanks to precise sizing of the refrigeration system and the use of the CWR tray (Cold Water Recycling) specially designed to recycle the natural condensation water from the cellar. However, note that cellars that are naturally too dry will not be re-humidified.

The latest generation white LED electronic controller, positioned on the facade, regulates the internal temperature and controls the speed of the group's ventilation in all seasons to maintain system balance regardless of external conditions in the cellar.

Easy to install

To facilitate assembly, installation is done from inside the cellar directly through the wooden chassis supplied with the device.

The MPCO Onyx is designed to be simple to use. It requires very little maintenance.



Sustainable design

To participate in efforts to protect our planet, the MPCO Onyx uses the most modern and least energy-consuming ventilation technologies. The R290 refrigerant charge in the refrigeration circuit reduces the impact of the air conditioner on climate change.





THROUGH-WALL MPCO Onyx - Description

Onyx Cooling only

- Through-wall installation
- Cellar side black textured night ABS body
- Gloss black facade
- Exterior group body black epoxy paint
- Condensate drainage by gravity in or out
- CWR (Cold water recycling)
- Power cord with plug
- Variable speed low consumption EC fans
- KPC Condensation pressure regulation
- LED controller on facade with temperature display, alarms and device functions
- Wall installation chassis
- R290 fluid with no impact on global warming

Technical characteristics

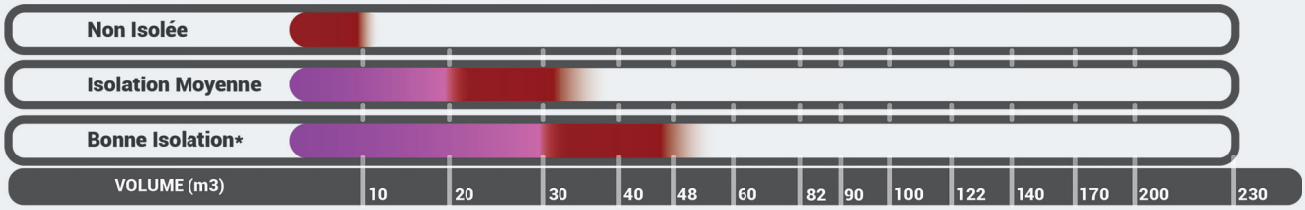
	MPCO	30	48
Cooling capacity 12°C / 32°C external	W	780	1100

	MPCO	30	48
Voltage	50Hz	230 V/1+T	230 V/1+T
Current	A	5.7	7.14
Air flow in the cellar	m3/h	452	442
Sound pressure level at 5m	dbA	37	45
Net weight	kg	32	36
Chassis color		Noir	Noir
Refrigerant		R290	R290
Monobloc MPCO 48 Onyx	*Code article*	***MPCO30_ONY***	***MPCO48_ONY***

Accessories

Code	*Description*	*Compatibilité*	*Infos*
		Onyx	
KPR-UF	Friax universal plug&play lift pump kit	X	p69
KNET125	Odorless cellar air conditioner cleaner 125 ml	X	p69

Quick selection



12°C 32°C ext.

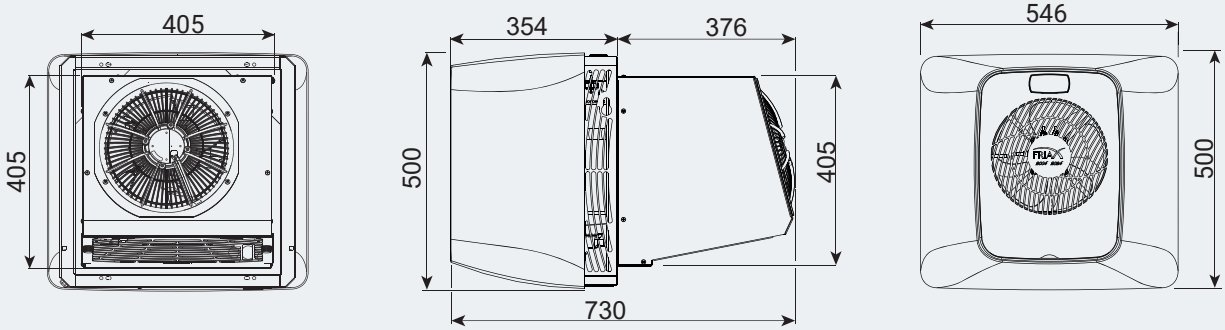
** Isolation murs et plafond entre 60 et 80 mm de Polyuréthane*

MPC 30 MPC 48

AVERTISSEMENT

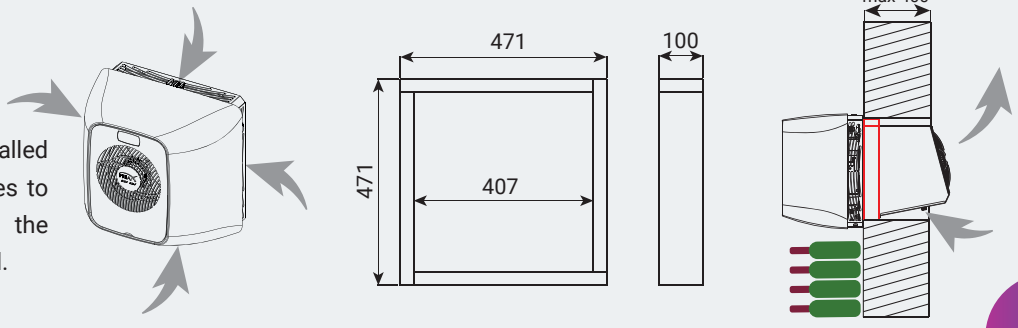
Les sélections présentées ne sont données qu'à titre indicatif et ne peuvent en aucun cas remplacer un bilan thermique qui prendra en compte l'ensemble des paramètres liés à la cave.

Dimensions



Wall installation chassis

The MPCO must be installed far enough from obstacles to allow air intake around the perimeter against the wall.



THROUGH-WALL MPCJ



Installing a Monobloc MPCJ to air-condition a cellar allows you to overcome the constraints related to refrigerant connections of split systems thanks to a "window" through-wall installation. The modern and refined design of this cellar air conditioner can be customized so that each wine cellar becomes unique.

Vintage finish

The Vintage designation allows maintaining a healthy cellar with air conditioning and heating regulation to limit temperature variations between seasons and better protect the wine. Vintage also integrates the KHGR% humidification system. Connected to the city water network, it allows bringing humidity to the requested value (Ideally 65/75%). No heat input, softened or demineralized water is not necessary. The use of a KLPWSECU kit will facilitate and secure its connection.

New generation RSF2 remote control

It is the simplest solution to access the control of your cellar air conditioning. With the RSF2 wireless remote control at radio frequency, no more distance problems, the signal passes through the walls. You can control your cellar even from your kitchen. On Vintage models, it displays temperature and humidity.



Customizable

The modern and refined design of this cellar air conditioner can be customized so that each wine cellar becomes unique. The interchangeable colored facade allows endless possibilities. The MPCJ is delivered as standard with a gloss black facade.

WineSupervisor

Monitor and control your cellar remotely (Web/Android/iOS) to never take the slightest risk with your bottles. Adding a connected WineSupervisor kit (KWSP-III) allows you to control the air conditioner, be alerted in case of anomaly, record the complete history of the conservation atmosphere, and give direct access to a technician if needed. For more complex home automation installations, data are available in Modbus.

Sustainable design

To participate in efforts to protect our planet, the MPCJ range uses the most modern and least energy-consuming ventilation technologies. The R290 refrigerant charge in the refrigeration circuit of the group reduces the impact of the air conditioner on global warming.

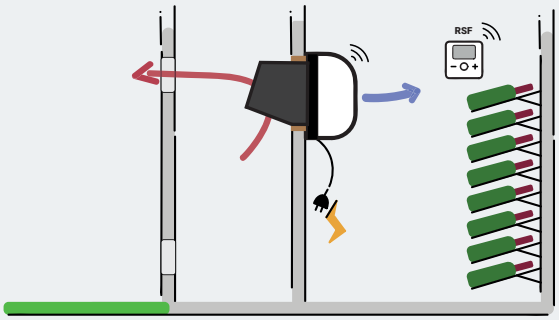


THROUGH-WALL MPCJ



Easy to use

Installation, use or maintenance, MPCJ monoblocs are designed to be simple. Technical access is facilitated through quick disassembly. Friax Industrie expertise guarantees that your wines will be well preserved!





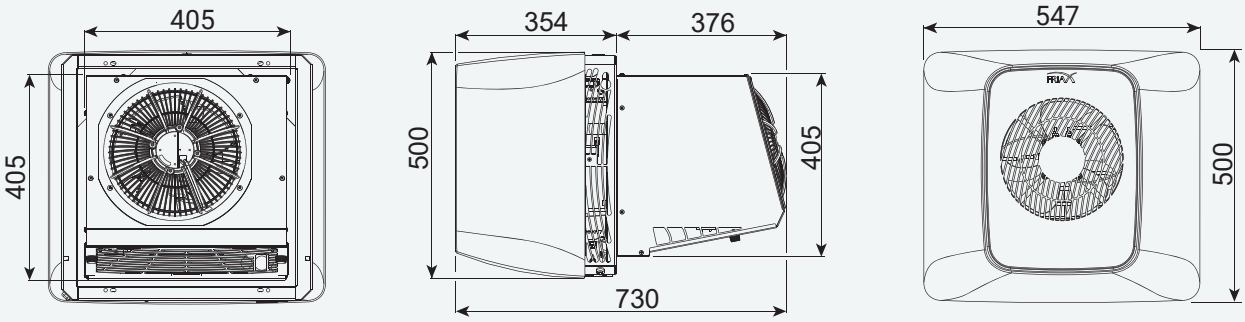
THROUGH-WALL MPCJ - Description

Vintage

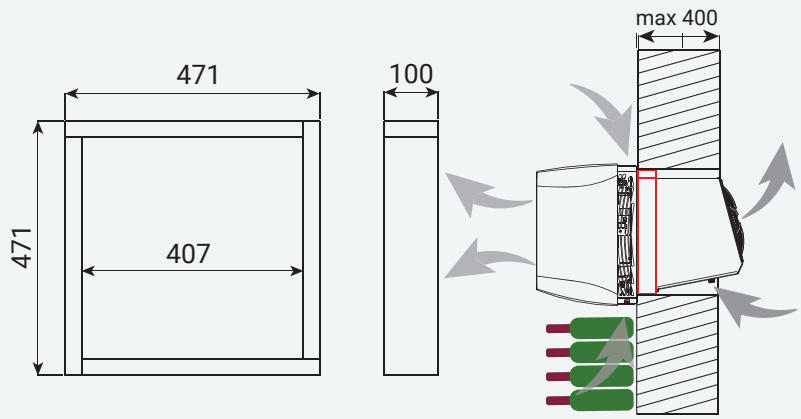
Cooling - Heating - Humidification

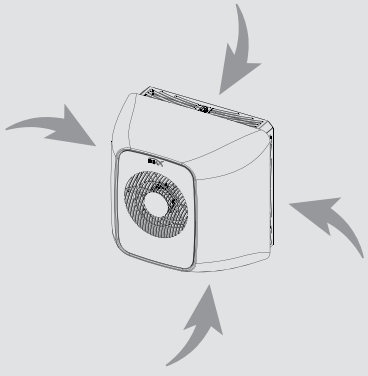
- Through-wall installation • Cellar side white ABS body • Customizable facades • Black epoxy
- paint body • CWR condensate drainage (Cold water recycling) • Operating and alarm indica-
- tors on facade • Power cord • Variable speed low consumption EC fans • KPC Condensation
- pressure regulation • RC Winter kit as standard. Heating belt on compressor with energy
- saving program • RSF2 white radio wireless remote control with temperature, humidity and
- different device functions display • KCH integrated heating function • KHGR% Integrated
- humidifier • Wall installation chassis • R290 fluid with no environmental impact
-
-
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Dimensions



MPCJ wall installation chassis





The MPCJ must be installed far enough from obstacles to allow air intake around its perimeter against the wall.

THROUGH-WALL MPCJ

Technical characteristics

	MPCJ	30	48
Cooling capacity 12°C / 32°C external	W	780	1100
Heating power	W	800	800
	MPCJ	30	48
Voltage	50Hz	230 V/1+T	230 V/1+T
Cooling capacity	A max	5.7	7.3
Heating capacity	A max	3.9	3.9
Air flow in the cellar	m3/h	452	442
Sound pressure level at 5m	dbA	37	45
Net weight	kg	32	36.6
Chassis color		Blanc / Noir	Blanc / Noir
Refrigerant		R290	R290

Monobloc MPCJ Vintage	*Code article*	***MPCJ30_VT***	***MPCJ48_VT***

Customization

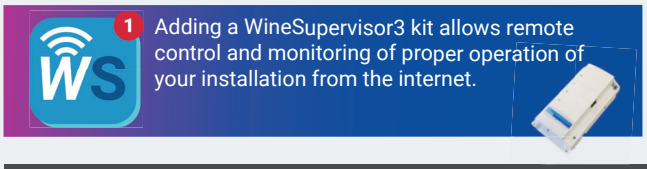


	Code	*Description*	*Compatibilité*	*Infos*
	KFXJ-CEDRE	Personalized facade Cedar Wood color	X	p68
	KFXJ-ROUGE	Personalized facade Lipstick Red color	X	p68
	KFXJ-BLEU	Personalized facade Deep Blue color	X	p68
	KFXJ-GP	Personalized facade Polar Grey color	X	p68
	KFXJ-GLITTER	Personalized facade Sparkling Black color	X	p68
	KFXJ-CUIVRE	Personalized facade Brushed Copper color	X	p68
	KFXJ-ARGENT	Personalized facade Brushed Silver color	X	p68
	KFXJ-OV	Personalized facade Vintage Gold color	X	p68
	KCXJ-NOIR	Personalized body Matte Midnight Black color	X	p68

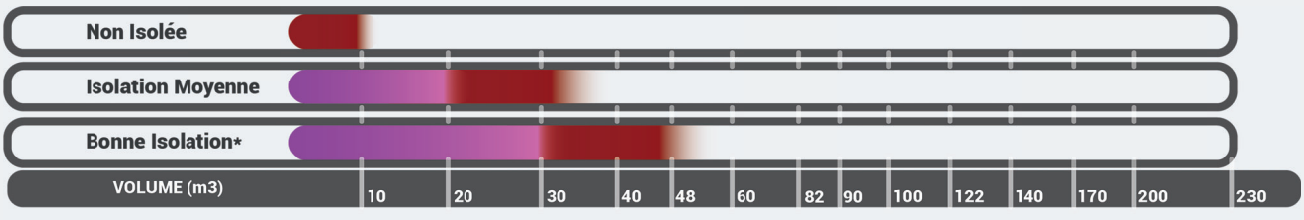
Can't find what you're looking for? Ask us for a custom color or engraving!

Accessories

Code	*Description*	*Compatibilité*	*Infos*
		Vintage	
KWSP-I	WineSupervisor I Modbus version kit	X	p68
KWSP-III	WineSupervisor III Connected version kit	X	p68
KLED-XJ	Plug&play LED backlight kit for H20X - EVX - MPCJ	X	p68
KLPWSECU-XJ	Secure connection kit for H20X and MPCJ humidifier	X	p69
KLPR20	20m extension kit for humidifier	X	p69
KPR-UF	Friax universal plug&play lift pump kit	X	p69
KNET125	Odorless cellar air conditioner cleaner 125 ml	X	p69
KSTART-I	Friax starting pack comprising KWSP-III, KLPWSECU/XJ, KNET125	X	p69



Quick selection





** Isolation murs et plafond entre 60 et 80 mm de Polyuréthane*

MPC 30 MPC 48

AVERTISSEMENT

Les sélections présentées ne sont données qu'à titre indicatif et ne peuvent en aucun cas remplacer un bilan thermique qui prendra en compte l'ensemble des paramètres liés à la cave.

DUCTABLE MPCG



The MPCG monoblocks multiply installation solutions during assembly. Equipped as standard with a KFG ductable facade, these units can be positioned in the wall, or inside or outside the space to be cooled to overcome space constraints. Unit and evaporator can be ducted separately or simultaneously thanks to the addition of an additional KFG kit. Installing an MPCG for wine cellar air conditioning allows you to overcome the constraints related to refrigerant piping of split systems.

Vintage finish

The Vintage designation allows you to maintain a healthy cellar with air conditioning and heating regulation to limit temperature fluctuations between seasons and best protect your wine. Vintage also integrates the KHGR% humidification system. Connected to the mains water supply, it allows you to bring humidity to the desired level (ideally 65-75%). No heat input, softened or demineralized water is not necessary. Using a KLPW-SECU kit will facilitate and secure its connection.

RSF2 new generation remote control

It's the simplest solution to access control of your wine cellar air conditioning. With the RSF2 wireless remote control with radio frequency, no more distance problems, the signal passes through walls. You can control your cellar even from your kitchen. On Vintage models, it displays temperature and humidity.



WineSupervisor

Monitor and control your cellar remotely (Web/Android/iOS) to never take any risk with your bottles. Adding a connected WineSupervisor kit (KWSP-III) allows you to control the air conditioner, be alerted in case of anomaly, record the complete history of the storage atmosphere, and provide direct access to a technician if needed. For more complex home automation installations, data is available in Modbus.

Sustainable design

To contribute to protecting our planet, the MPCG uses the most modern and least energy-consuming ventilation technologies. The R290 refrigerant charge in the refrigerant circuit reduces the impact of the air conditioner on global warming.

DUCTABLE MPCG

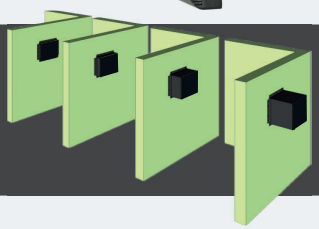
Installation options



These units are equipped as standard with a glossy black plexi facade and KFG ductable facade kit allowing the ductwork of the unit or evaporator. The addition of an additional KFG30-48 kit will allow the second side to be ducted if needed (IN/OUT installation).

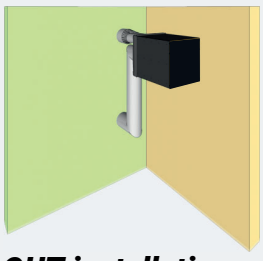


The MPCG can be mounted in partitions 70 to 600 mm thick. The thermal insulation of the body allows it to protrude or be flush inside the cellar and to duct the opposite side.

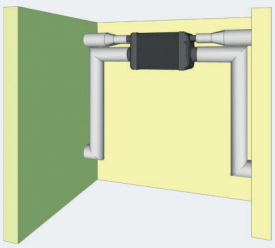




IN installation
Device in the cellar - Unit side duct



OUT installation
Device adjacent to the cellar - Evaporator side duct.



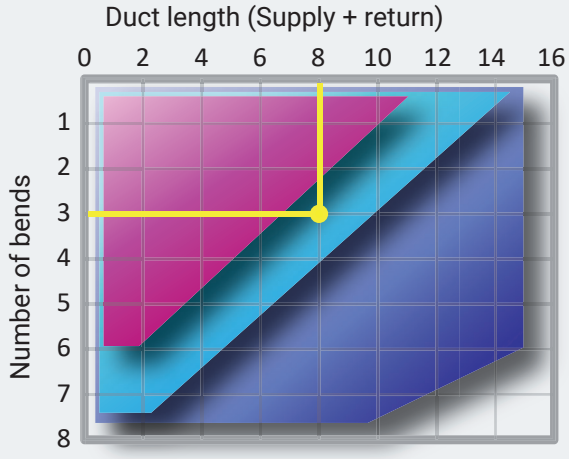
IN / OUT installation
Complete duct installation (requires an additional KFG30-48 kit)

MPCG must be installed sheltered from the weather in a frost-free area

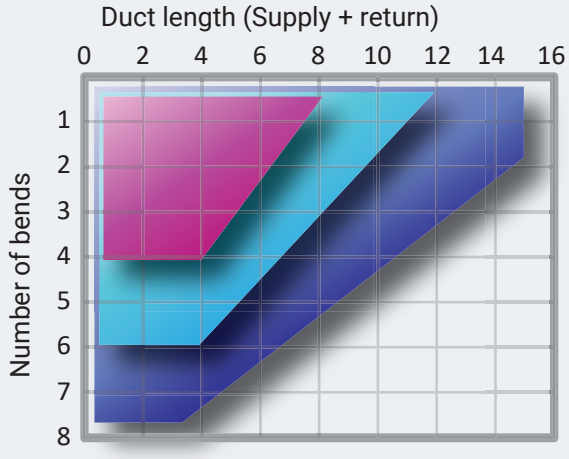
Which ducts for the MPCG?

Using the following tables, determine the duct diameter to use for connecting the MPC in IN or OUT configuration on either the condenser or evaporator side. Prefer large diameter ducts to reduce noise emissions and shortest lengths to limit heat exchange with the environment.

MPCG 30



MPCG 48



Flexible insulated fiberglass wool duct ø160 (KGS160)

Semi-rigid polyethylene duct ø160 (KGR160)

Flexible insulated fiberglass wool duct ø200 (KGS200) or Semi-rigid polyethylene duct ø180 (KGR180)

Example of duct selection for MPC30: 8m of duct in total (supply + return) 3 bends = Semi-rigid polyethylene duct ø160

DUCTABLE MPCG - Description

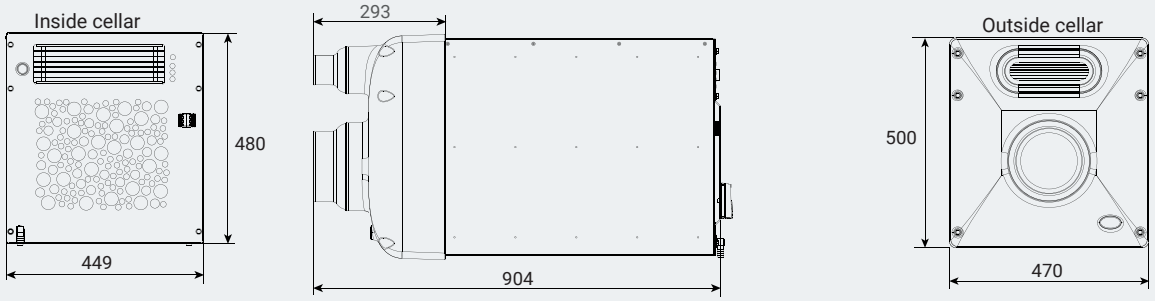
Vintage

Cooling - Heating - Humidification

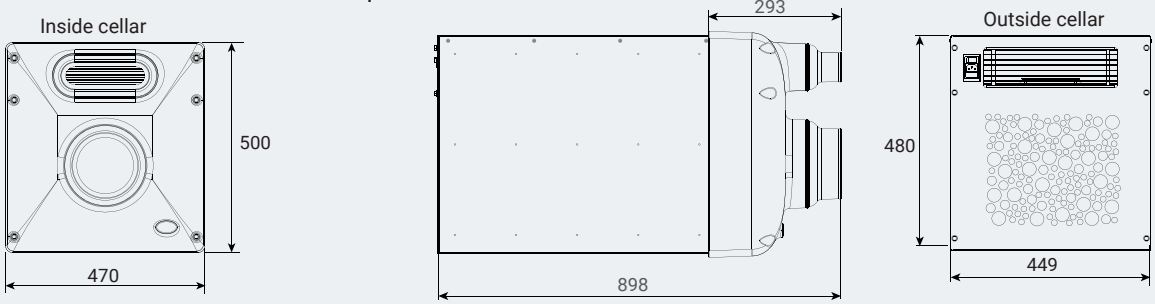
- Through-wall installation - Black epoxy painted body - KFG ductable
- facade and glossy black plexi facade - Condensate drain on facade -
- CWR (Cold water recycling) - Operating and alarm indicators on facade
- - Power cord with isolating switch - Low-consumption variable-speed
- EC fans - KPC Condensation pressure regulation - RC Heating belt on
- compressor (Winter Kit) with energy-saving program - RSF wireless
- remote control - Temperature, humidity and various appliance function
- display - KCH integrated heating function - KHGR% integrated humidi-
- fier - R290 fluid with no global warming impact
-
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-

Dimensions

Monoblocks MPCG 30 and 48 | IN installation

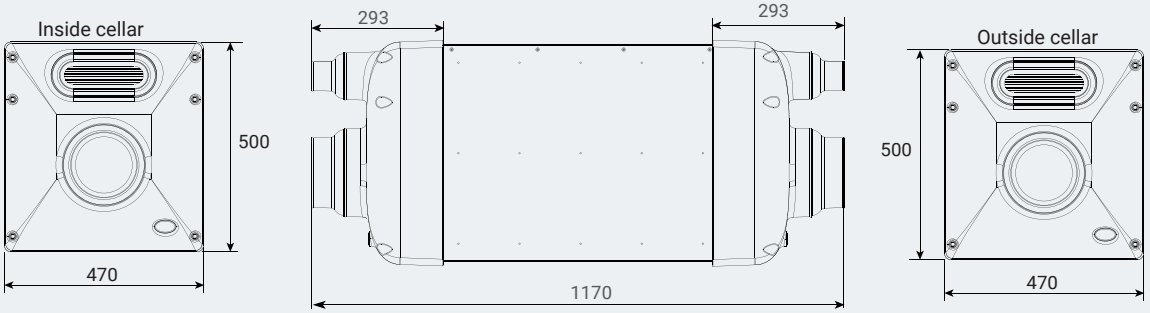


Monoblocks MPCG 30 and 48 | OUT installation



Monoblocks MPCG 30 and 48 | IN / OUT installation

(requires an additional KFG30-48 kit)



DUCTABLE MPCG

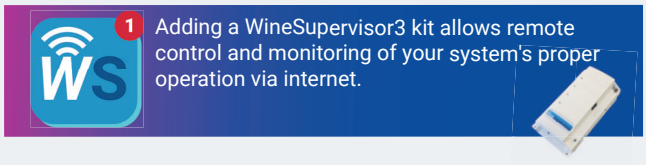
Technical characteristics

	MPCG	30	48
Cooling power 12°C / 32°C ext.	W	780	1100
Heating power	W	800	800
	MPCG	30	48
Voltage	50Hz	230V/1+T	230V/1+T
Cooling intensity	A max	5.4	7
Heating intensity	A max	4.3	4.3
	MPCG	30	48
Air flow in the cellar	m3/h	310	365
Sound pressure level at 5m	db	37	45
Condenser air flow	m3/h	350	510
Net weight	kg	45	49
Body color		Noir	Noir
Refrigerant fluid		R290	R290
Monobloc MPCG Vintage	*Code article*	***MPCG30_VT***	***MPCG48_VT***

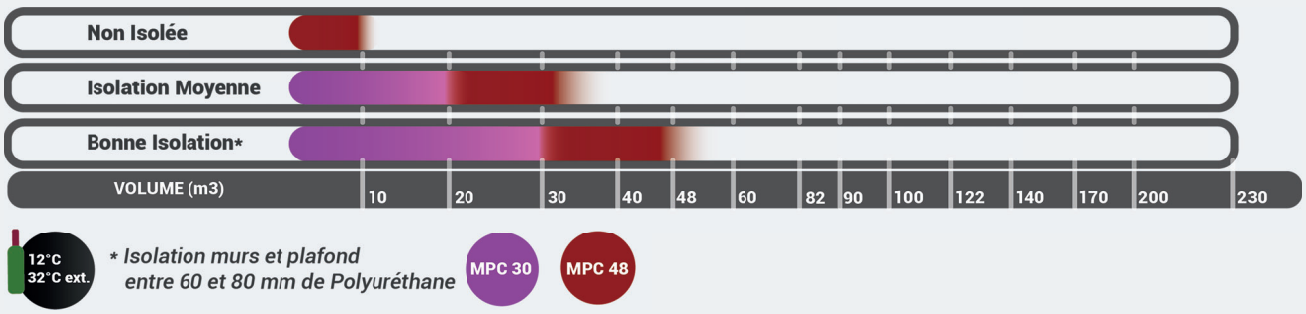
Accessories

Code	*Description*	*Compatibilité*	*Infos*
		Vintage	
KWSP-I	WineSupervisor I Modbus version kit	X	p68
KWSP-III	WineSupervisor III connected version kit	X	p68
KLPWSECU-XJ	Secure connection kit for humidifier H20X and MPCJ	X	p69
KLPR20	20m extension kit for humidifier	X	p69
KPR-UF	Friax universal plug&play lift pump kit	X	p69
KNET125	Wine cellar air conditioning cleaner without odor 125 ml	X	p69
KSTART-I	Friax starting pack including KWSP-III, KLPWSECU/XJ, KNET125	X	p69
KFG30-48	Duct-mountable facade kit for MPCG with probe extension	X	p70

Find the p70 duct kits in our catalog



Quick selection



AVERTISSEMENT
Les sélections présentées ne sont données qu'à titre indicatif et ne peuvent en aucun cas remplacer un bilan thermique qui prendra en compte l'ensemble des paramètres liés à la cave.

MPCA CABINET



The integrated monoblock for wine cabinet

Thanks to the integration capacity of MPCA air conditioners, let your imagination take over to create the custom wine cellar of your dreams. You will then be able to display your wines at the heart of a single or multi-temperature Wine library with controlled humidity and in absolute silence...

Céos designation

It is the most complete solution on MPCAs. It ensures the functions of air conditioning and humidification of the cellar. Optimized for cellars and cabinets that are too dry, these models are equipped with the HGR% system. It allows humidity to be increased without heat input and does not require demineralized water or a water softener. Using a KLPWSECU kit will facilitate and secure the water connection. No need to connect a drain, condensation water will be evaporated by the dual evaporation system integrated in the unit.

RSF2 new generation remote control

It's the simplest solution to access control of your wine cellar air conditioning. With the RSF2 wireless remote control with radio frequency, no more distance problems, the signal passes through walls. You can control your cellar even from your kitchen. On Céos models, it displays temperature and humidity.



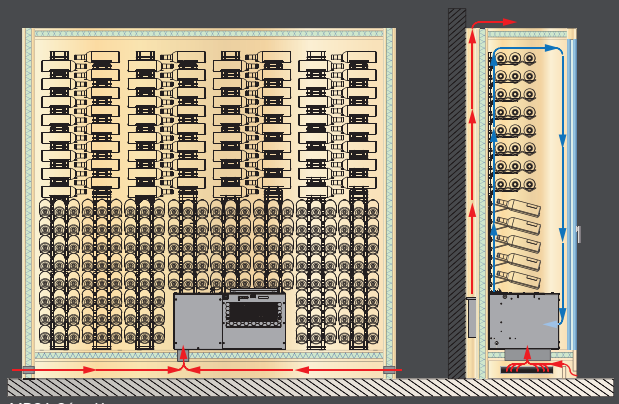
WineSupervisor

Monitor and control your cellar remotely (Web/Android/iOS) to never take any risk with your bottles. Adding a connected WineSupervisor kit (KWSP-III) allows you to control the air conditioner, be alerted in case of anomaly, record the complete history of the storage atmosphere, and provide direct access to a technician if needed. For more complex home automation installations, data is available in Modbus.

Sustainable design

To contribute to protecting our planet, the MPCA uses the most modern and least energy-consuming ventilation technologies. The R290 refrigerant charge in the refrigerant circuit reduces the impact of the air conditioner on global warming.

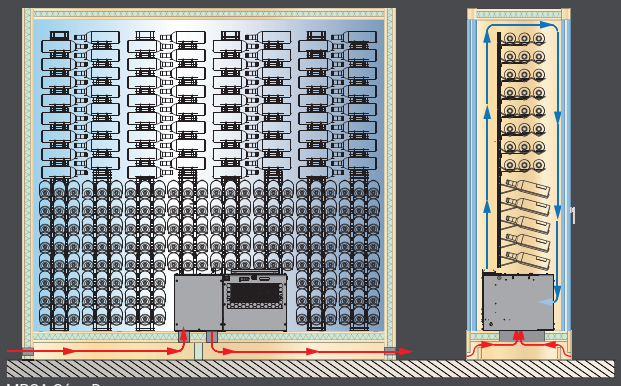
MPCA CABINET - Installation options



MPCA Céos Up



UP FINISH - Used for cabinets placed against a partition. Cooled air is blown behind the bottle supports to gently circulate the cellar atmosphere. The condensation unit by drawing air from under the cabinet and expelling it from the rear towards the top.



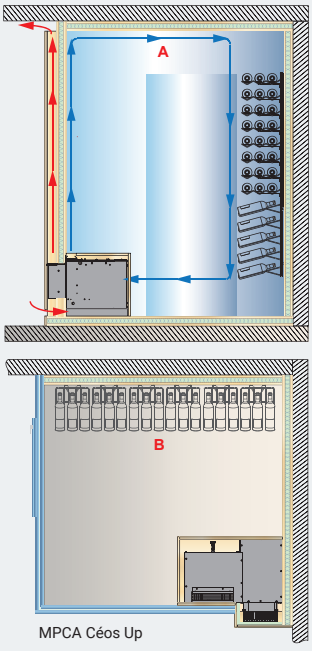
MPCA Céos Down



DOWN FINISH - For display cases positioned as an island or separating two spaces with 2, 3 or 4 glass sides. Cooled air is blown behind the bottle racks then drawn in from the front of the monoblock. The condensation unit ventilation is done by drawing air from under the cabinet. Hot air is expelled downwards in a direction opposite to the intake (requires adaptation).

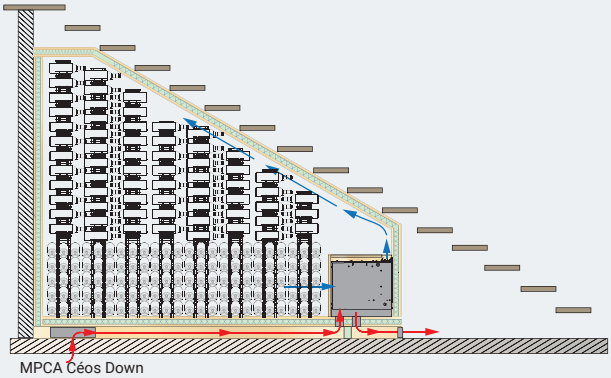
For all models the cabinet lighting can be controlled by the air conditioner's wireless remote control. MPCAs are also equipped with a dual condensate evaporation system allowing drainage to be avoided if necessary.

To go even further | Custom cellar space

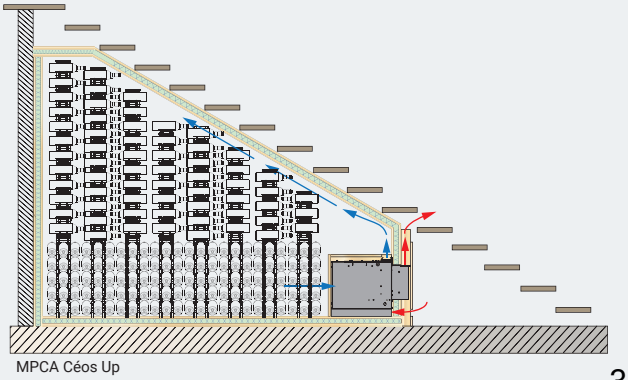


MPCA Céos Up

< Installing a climate-controlled wine cellar in a living room or leisure room becomes relatively simple with the MPCA. Placed on a KRH raise in the room, it simply plugs into an electrical outlet. A KLPWSECU-XJ kit will allow connection of the humidifier for optimal bottle protection. No drainage required. Without noise, in a perfectly controlled atmosphere your wines will be protected for a long time. To optimize space and create an original cellar, the unit can be easily positioned under a staircase >



MPCA Céos Down



MPCA Céos Up

MPCA CABINET - Description

Céos **Cooling - Humidification**

- Through-wall/cabinet mounting - Black epoxy painted body - CWR (Cold water
- recycling) - Operating and alarm indicators on facade - Isolating switch -
- Low-consumption variable-speed EC fans - KPC Condensation pressure regulation -
- RSF2 wireless radio remote control - Temperature, humidity and various appliance
- function display - KHGR% integrated humidifier - Condensate drain tray CC (hot +
- electric) - R290 fluid with no global warming impact
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Custom cabinet configurations

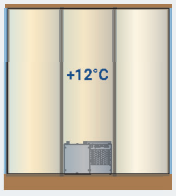
MPCA 20



2 doors 600 mm 4 glass sides



2 doors 600 mm 3 glass sides - 2 temperatures

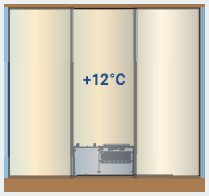


3 doors 600 mm 3 glass sides

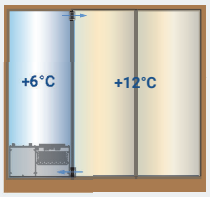
MPCA 30



2 doors 800 mm 4 glass sides



3 doors 800 mm 3 glass sides



3 doors 800 mm 1 glass side - 2 temperatures

ACCESSORY ZOOM

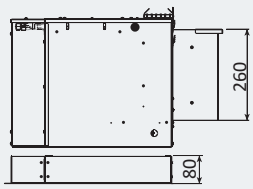


For UP finish, the isolated raise kit KRH avoids creating a baseboard by elevating the MPCA to facilitate air circulation under the unit.

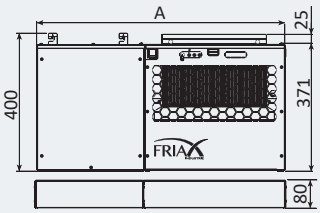


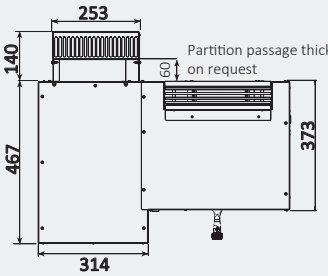
Dimensions

Monoblock MPCA 20 and 30 UP finish



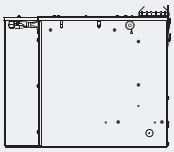
KRH-MPCA20-U
ou
KRH-MPCA30-U

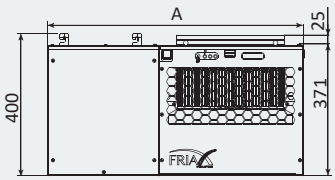


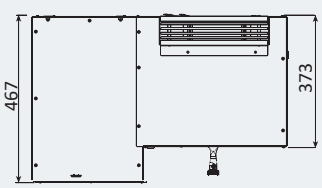


	MPCA 20	MPCA 30
A	578	719

Monoblock MPCA 20 and 30 DOWN finish







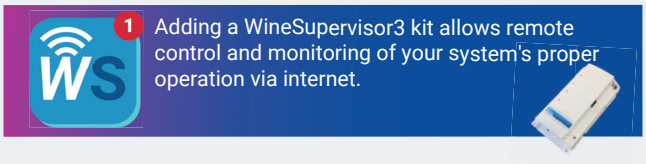
MPCA CABINET

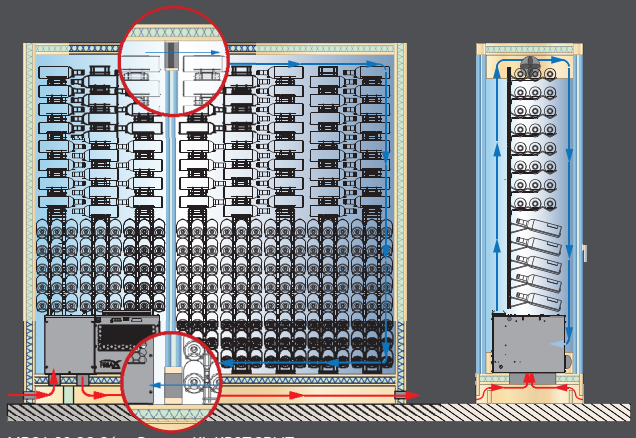
Technical characteristics

	MPCA	20	30
Cooling power +6°C / +12°C | 28°C ext	W	460/680	620/800
Temperature adjustment	°C	6 -16	6 -16
	MPCA	20	30
Voltage	50Hz	230V/1+T	230V/1+T
Absorbed intensity	A max	5.4	7
	MPCA	20	30
Air flow in the cellar	m3/h	210	240
Outside operating temperature	C°	28	28
Outside air flow	m3/h	270	350
Net weight	kg	45	47
Body color		Noir	Noir
Refrigerant fluid		R290	R290
Monobloc MPCA Céos | UP - Soufflage condenseur vers le haut	*Code article*	***MPCA20_CC_CS_U***	***MPCA30_CC_CS_U***
Monobloc MPCA Céos | DOWN - Soufflage condenseur vers le bas	*Code article*	***MPCA20_CC_CS_D***	***MPCA30_CC_CS_D***

Accessories

Code	*Description*	*Compatibilité*	*Infos*
		Céos	
KWSP-I	WineSupervisor I Modbus version kit	X	p68
KWSP-III	WineSupervisor III connected version kit	X	p68
KLPWSECU	Secure connection kit for humidifier	X	p69
KLPR20	20m extension kit for humidifier	X	p69
KNET125	Wine cellar air conditioning cleaner without odor 125 ml	X	p69
KPR-UF	Friax universal plug&play lift pump kit	X	p69
KSTART-I	Friax starting pack including KWSP-III, KLPWSECU/XJ, KNET125	X	p69
KRH-MPCA20-U	MPCA 20 UP raise kit for air intake from the rear	X	p70
KRH-MPCA30-U	MPCA 30 UP raise kit for air intake from the rear	X	p70
PR60010256	ABS mini-duct 90° horizontal elbow (60x200)	X	p71
PR60010257	ABS mini-duct 1m length (60x200)	X	p71
PR60010261	ABS mini-duct fixing flange (60x200)	X	p71
PR60010263	ABS mini-duct 90° vertical elbow (60x200)	X	p71
KB2T-SPLIT	Dual-temperature regulation kit for multi-zone cabinet	X	p71





MPCA 30 CC Céos Down + Kit KB2T-SPLIT

MULTI-ZONE REGULATION - The MPCA with the KB2T-SPLIT kit allows you to combine in the same cabinet a day cellar for wine temperature conditioning white wines and Champagnes (+6°C) and to control a second zone as a service cellar for red wines (+16°C) or as a storage cellar (+12°C) for all wines. In this configuration, the MPCA is placed in the coldest zone. The dual temperature regulation kit KBT2-SPLIT ensures temperature management by circulating air from the coldest zone to the warmest zone.



LES SPLITS SYSTEM

détente directe

Devices to suit all cellar architectures

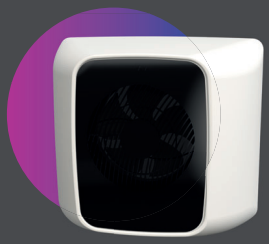
FRIA INDUSTRIE

Friax split systems are complete solutions (evaporator + unit + control) to equip cellars of all sizes while providing optimal integration. The entire range is pre-charged with R513A, a non-flammable fluid with low global warming potential.



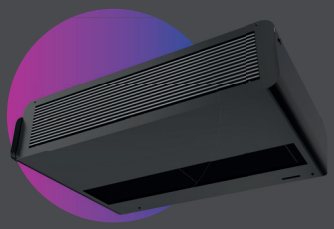
Wall-mounted EVXO | Onyx p 42

The wall-mounted EVXO Onyx is the split solution at the best price! A simple device with cooling only to start protecting your wine properly.



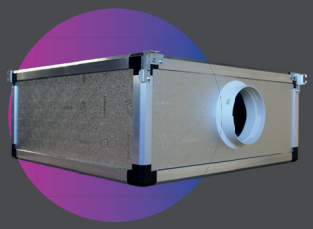
Wall-mounted EVX2 | Vintage p 44

The wall-mounted EVX Vintage is the new customizable décor element in the cellar! A complete and secure solution to maintain temperature and humidity throughout the year.



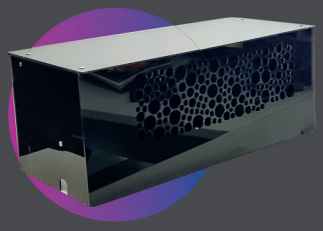
Ceiling-mounted EVPL2 | Vintage p 48

The ceiling-mounted EVPL is the most flexible and complete split solution on the market! Its installation in the center of the cellar or against a wall remains simple, discreet and seamless.



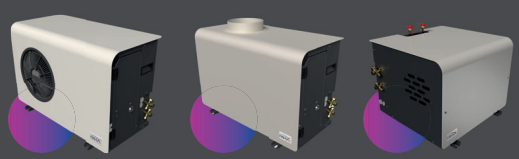
Ductable EVG/EVI | Vintage p 52

The ductable evaporator configuration EVG/EVI allows you to completely hide the air conditioning from view, leaving only room for the bottles.



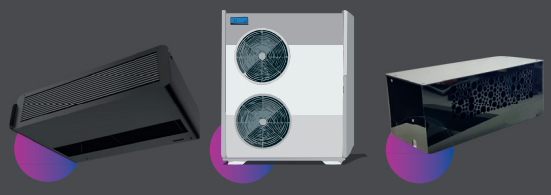
EVA2 cabinet | Céos p 56

The EVA2 split system lets your creativity run wild by integrating easily into custom cabinets or small cellars you envision.



Condenser units p 60

Modern-line units to be combined with Friax evaporators to integrate into any architecture.



Multi-split solutions p 64

A variable capacity unit associated with multiple evaporators and controls.

WALL-MOUNTED EVXO Onyx

Split System Onyx

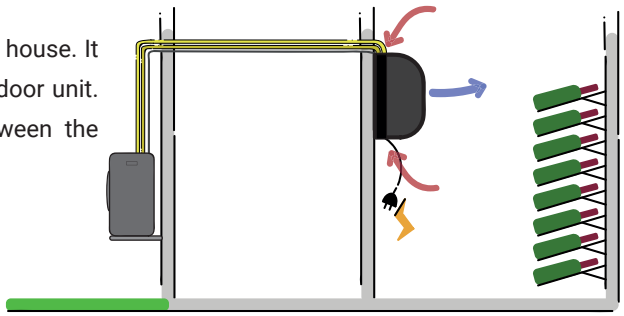
The wall-mounted SPC EVXO Onyx split system offers the possibility of separating the outside unit from the evaporator in the cellar by up to 20 m, or even more under certain conditions. The SPC EVXO Onyx for air conditioning your cellar is to benefit from Friax split technology at the best price.

Onyx finish

The SPC EVXO Onyx air conditioner is configured to maintain your cellar at the ideal wine storage temperature during periods of high heat. True to the original design of Friax splits, it allows you to cool without dehumidifying the room where it is installed. This is made possible thanks to precise sizing of the refrigerant system and the use of the CWR tray (Cold Water Recycling) specially designed to recycle the natural condensation water of the cellar. Please note, however, that naturally very dry cellars will not be re-humidified. The latest generation white LED electronic controller, positioned on the facade, regulates the internal temperature and controls the ventilation speed of the unit in all seasons to maintain system balance regardless of external conditions to the cellar.

Easy to install

The SPC EVXO Onyx split system unit is positioned outside the house. It can be easily installed at a distance of up to 20 m from the indoor unit. Electrical and refrigerant connections are made directly between the evaporator and the unit by your installer.



Sustainable design

To participate in the effort to protect our planet, SPC Onyx uses the most modern and least energy-consuming ventilation technologies. The R513A refrigerant charge in the unit's refrigerant circuit reduces the impact of the air conditioner on global warming.





Split System Onyx

WALL-MOUNTED EVXO Onyx

Onyx Cooling only

- Wall-mounted evaporator installation in the cellar - Textured night black ABS body - Glossy black facade - Flare refrigerant connection - Thermostatic expansion valve - Power cord - Low-consumption EC ventilation - Integrated evaporator connection terminal block - LED controller on facade with temperature, alarm and appliance function display. Supplied under nitrogen pressure

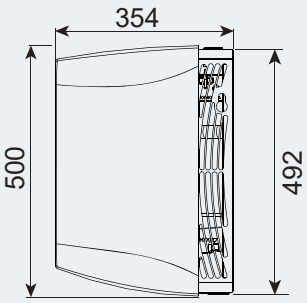
- Outside unit - Black epoxy painted body - R513A fluid

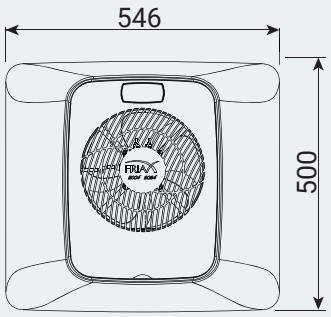
Wall-mounted split EVXO		48
Cooling power 12°C / 32°C ext.	W	1100
Evaporator characteristics	*EVXO*	48
Voltage	50Hz	230 V/1+T
Intensity	A max	0,5
Fan	Nombre	1
Air flow in the cellar	m3/h	452
Suction gas connection (Flare)	Φ	3/8"
Liquid connection (Flare)	Φ	1/4"
Weight	kg	18
Body color / facade		Noir / Noir
Unit characteristics	GCH	48
Voltage	50Hz	230 V/1+T
Intensity	A max	5.41
Air flow	m3/h	520
Sound pressure level at 5m without BNS	dBA	40
Sound pressure level at 5m with BNS	dBA	37
Suction gas connection (Flare)	Φ	3/8"
Liquid gas connection (Flare)	Φ	1/4"
Net weight	Kg	38
Body color		RAL7016 + anodic Grey Natura
Refrigerant fluid		R513A
Pre-charged for	m	6
Split Mural EVXO ONYX	*Code article*	***SPC48_EVXO_ ONY***

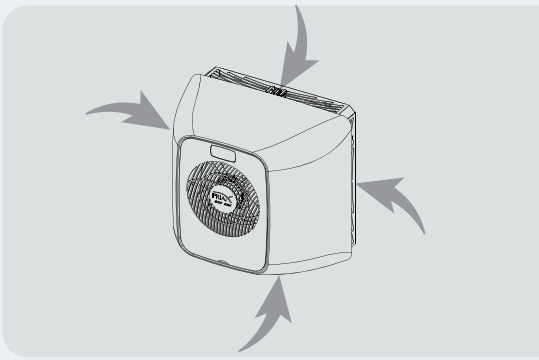
Accessories

Code	*Description*	*Compatibility*	*Infos*
		Onyx	
KPR-UF	Friax universal plug&play lift pump kit	X	p69
KNET125	Wine cellar air conditioning cleaner without odor 125 ml	X	p69
BNS-30-48-GCH	Low noise level kit for SPC 30 to 48 GCH unit	X	p69
KS2M	Wall-mounted unit support kit for MPCG, Chill'Loop, GCH GCG GCW unit	X	p70

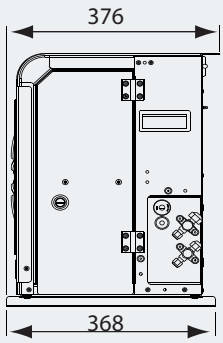
Evaporator dimensions

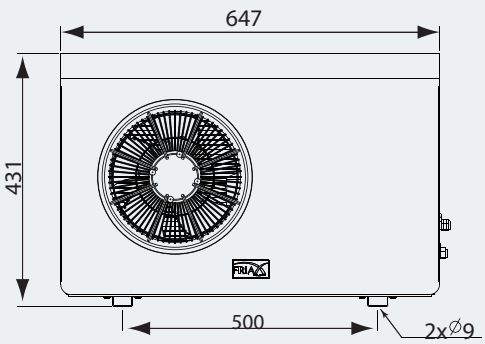






Compressor dimensions







WALL MOUNTED EVX2



The EVX2 split evaporators are positioned against the cellar wall. The regulation card integrated in the evaporator allows direct connection of the group without going through a connection box. The customizable design of the evaporator allows it good integration into all cellar styles.

Vintage finish

The Vintage version integrates the HGR% humidification system and heating in addition to cooling to limit temperature variations between seasons and better protect the wine. The humidification system allows humidity to be increased without adding heat and does not require water to be demineralized with a softener. The use of a KLPWSECU kit will facilitate and secure its connection to the water network.

Customizable

The modern and refined design of this cellar air conditioner can be customized so that each wine cellar becomes unique. The interchangeable colored facade allows endless possibilities. The EVX2 split is delivered as standard with a gloss black facade.

New generation RSF2 remote control

It is the simplest solution to access the control of your cellar air conditioning. With the RSF2 wireless remote control at radio frequency, no more distance problems, the signal passes through the walls. You can control your cellar even from your kitchen. On Vintage models, it displays temperature and humidity.



WineSupervisor

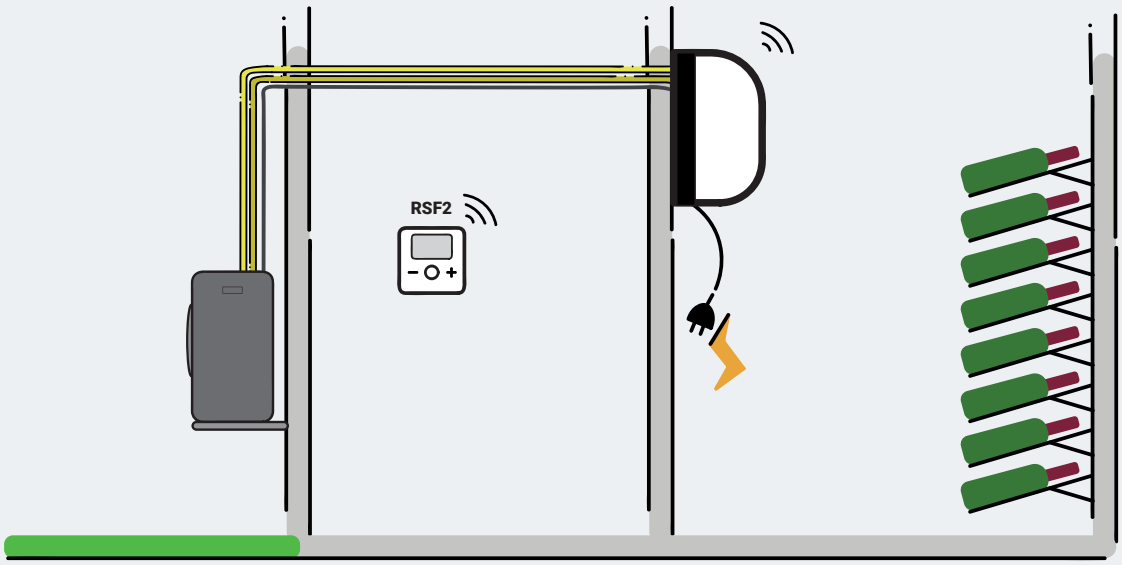
Monitor and control your cellar remotely (Web/Android/iOS) to never take the slightest risk with your bottles. Adding a connected WineSupervisor kit (KWSP-III) allows you to control the air conditioner, be alerted in case of anomaly, record the complete history of the conservation atmosphere, and give direct access to a technician if needed. For more complex home automation installations, data are available in Modbus.

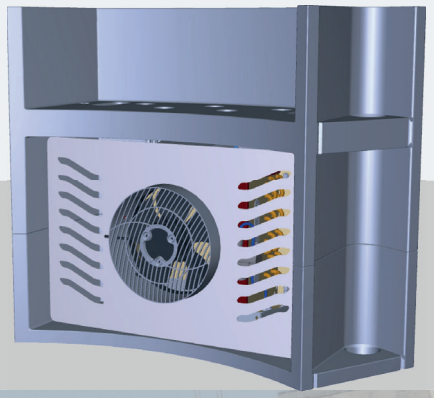


WALL MOUNTED EVX2

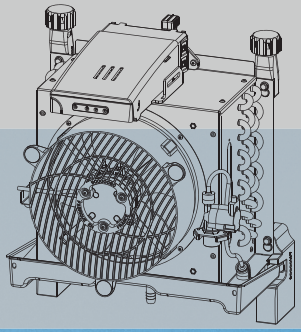
The wall split solution

EVX2 evaporators integrate discreetly into the cellar decor and among the bottles by simply fixing to the wall.





Also available in built-in version without body



In its built-in EVX2 version it can be installed directly in prefabricated wood or concrete cellar elements. A personalized facade will make you forget about it!

Consult us for your projects

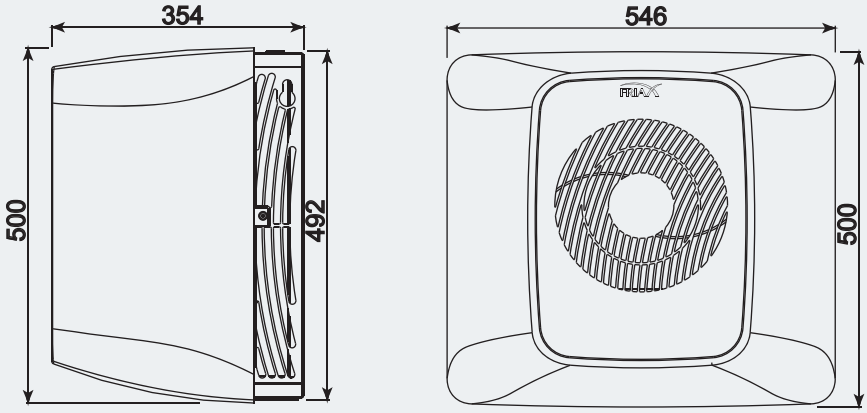
WALL MOUNTED EVX2 - Description

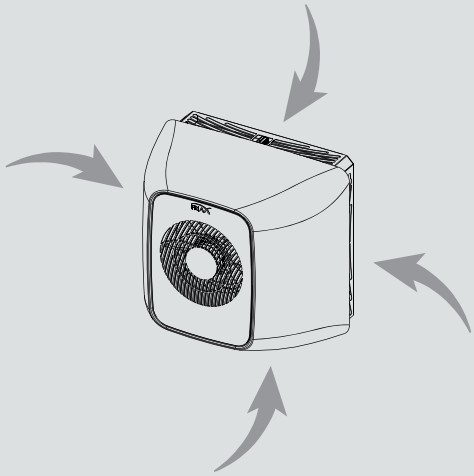
Vintage evaporator

Cooling – Heating – Humidification

- Wall mounting in the cellar • White ABS body • Customizable facades • Flare refrige-
- rant connection • Thermostatic expansion valve • ABS condensate tray • Cold water
- recycling CWR • Integrated regulation and connection box • Operating and alarm
- indicators on facade • RSF2 wireless radio remote control with temperature, humi-
- dity and different function display • Integrated KCH heating with dual safety klixon •
- Integrated KHGR% humidifier • Energy-efficient low-noise EC fan • Evaporator
- supplied under Nitrogen pressure
-
-
-
-
-
-

EVX2 evaporator dimensions





The EVX must be installed far enough from obstacles to allow air intake around its perimeter.

WALL MOUNTED EVX2

Technical characteristics

EVX2 Vintage Wall split	SPC	30	48
Cooling capacity 12°C / 32°C external	W	780	1130
Vintage heating power	W	800	800
EVX2 Vintage evaporator characteristics	SPC	30	48
Voltage	50Hz	230 V / 1+T	230 V / 1+T
Cooling capacity	A max	0.37	0.37
Heating capacity	A max	3.9	3.9
Fan	Nombre	1	1
Air flow	mh/3	452	452
Suction gas connection (Flare)	Φ	3/8"	3/8"
Liquid connection (Flare)	Φ	1/4"	1/4"
Net weight	kg	18	18
Chassis color		Noir/Blanc	Noir/Blanc
Refrigerant		R513A	R513A
Characteristics EVX2 groups (see p60)	SPC	30	48
Air-cooled condenser group	Type	GCH30	GCH48
Ductable air-cooled condenser group	Type	GCG30	GCG48
Water-cooled condenser group	Type	GCW48	GCW48
Split Mural EVX2 | condensation à air	*Code article*	***SPC30_HEVX2_VTX***	***SPC48_HEVX2_VTX***
Split Mural EVX2 | condensation à air gainable	*Code article*	***SPC30_GEVX2_VTX***	***SPC48_GEVX2_VTX***
Split Mural EVX2 | condensation à eau	*Code article*	***SPC30_WEVX2_VTX***	***SPC48_WEVX2_VTX***

Customization

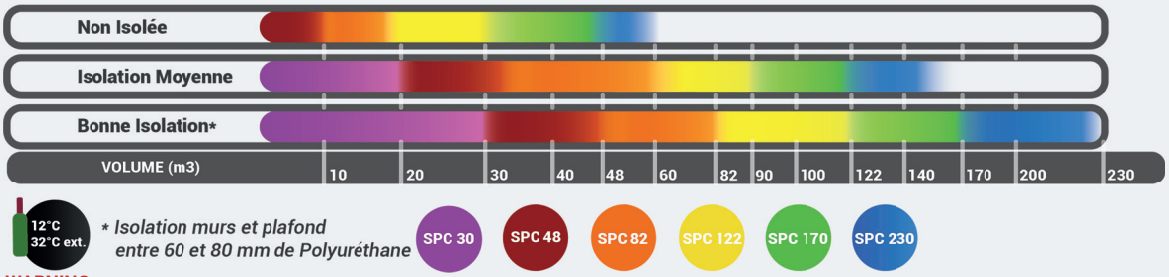
	Code	*Description*	*Compatibilité*	*Infos*
	KFXJ-CEDRE	Personalized facade Cedar Wood color	X	p68
	KFXJ-ROUGE	Personalized facade Lipstick Red color	X	p68
	KFXJ-BLEU	Personalized facade Deep Blue color	X	p68
	KFXJ-GP	Personalized facade Polar Grey color	X	p68
	KFXJ-GLITTER	Personalized facade Sparkling Black color	X	p68
	KFXJ-CUIVRE	Personalized facade Brushed Copper color	X	p68
	KFXJ-ARGENT	Personalized facade Brushed Silver color	X	p68
	KFXJ-OV	Personalized facade Vintage Gold color	X	p68
	KCXJ-NOIR	Personalized body Matte Midnight Black color	X	p68

Can't find what you're looking for? Ask us for a custom color or engraving!

Accessories

Code	*Description*	*Compatibilité*	*Infos*
		Vintage	
KWSP-I	WineSupervisor I Modbus version kit	X	p68
KWSP-III	WineSupervisor III Connected version kit	X	p68
KLED-XJ	Plug&play LED backlight kit for H20X - EVX - MPCJ	X	p68
KLPWSECU-XJ	Secure connection kit for EVX humidifier	X	p69
KLPR20	20m extension kit for humidifier	X	p69
KPR-UF	Friax universal plug&play lift pump kit	X	p69
KNET125	Odorless cellar air conditioner cleaner 125 ml	X	p69
KSTART-1	Friax starting pack comprising KWSP-III, KLPWSECU/XJ, KNET125	X	p69
BNS-30-48-GCH	Low noise kit for GCH GCG group 30 to 48	X	p69
BNS-30-230-GCW	Low noise kit Water-cooled condenser groups GCW 30-230	X	p69
KS2M	Wall mount kit MPCG, Chill'loop, GCH GCG GCW group	X	p70
KFG-GCG30-48	Plenum kit GCG group 30-48	X	p70
KFG-GCG82-122	Plenum kit GCG group 82-122	X	p70
KFG-GCG170-230	Plenum kit GCG group 170-230	X	p70

Quick selection



WARNING

The selections presented are given for information purposes only and cannot in any way replace a thermal analysis which will take into account all parameters related to the cellar

EVPL2 Ceiling Unit



Silence, design and performance.

EVPL2 evaporators stand out for their exceptionally low noise level, making them the quietest of their generation.

Their refined and understated design harmonizes seamlessly with both luxurious glass cellars and more traditional spaces.

The extensive power range of the product line makes it possible to air-condition large volumes while guaranteeing optimal comfort to the user.

Vintage Finish

The Vintage version incorporates, in addition to cooling, the HGR% humidification system and heating to limit temperature fluctuations between seasons and provide optimal wine protection. The humidification system raises humidity without adding heat and does not require water softening with a demineralizer.
The use of a KLPWSECU kit will facilitate and secure its connection to the water network.

RSF2 Next-Generation Remote Control

It is the simplest solution for accessing your wine cellar air conditioning control. With the RSF2 wireless remote control operating on radio frequency, distance is no longer an issue – the signal passes through walls. You can control your cellar from your kitchen. On Vintage models, it displays temperature and humidity.



WineSupervisor

Monitor and Control Your Cellar Remotely (Web/Android/iOS) to never take any risk with your bottles. Adding a WineSupervisor connected kit (KWSP-III) allows you to control the air conditioning unit, receive alerts in case of anomalies, record the complete history of conservation conditions, and provide direct access to a technician if needed. For more complex home automation installations, data is available in Modbus.



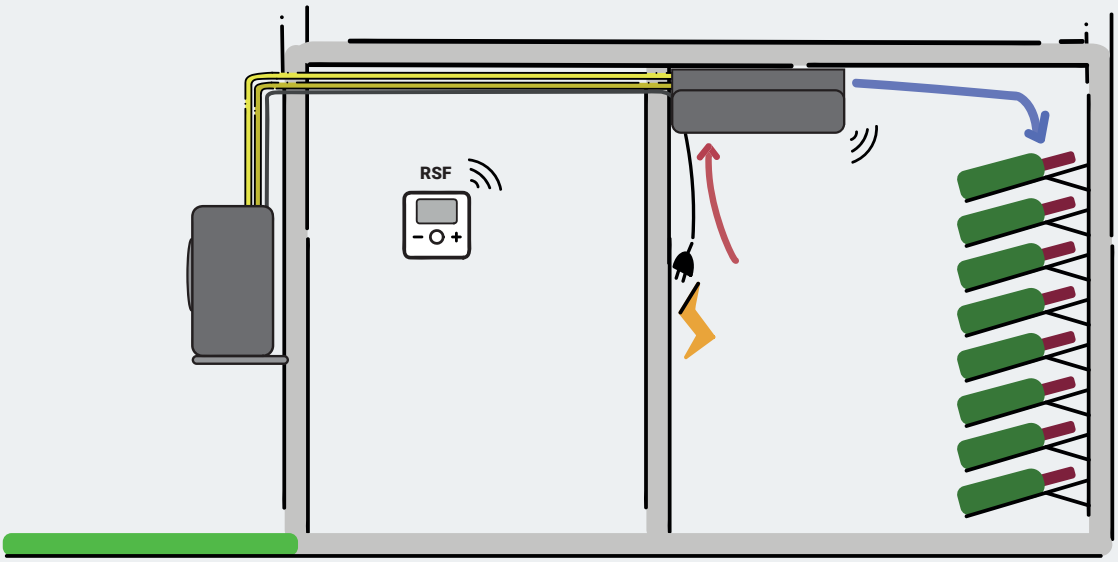
EVPL2 Ceiling Unit

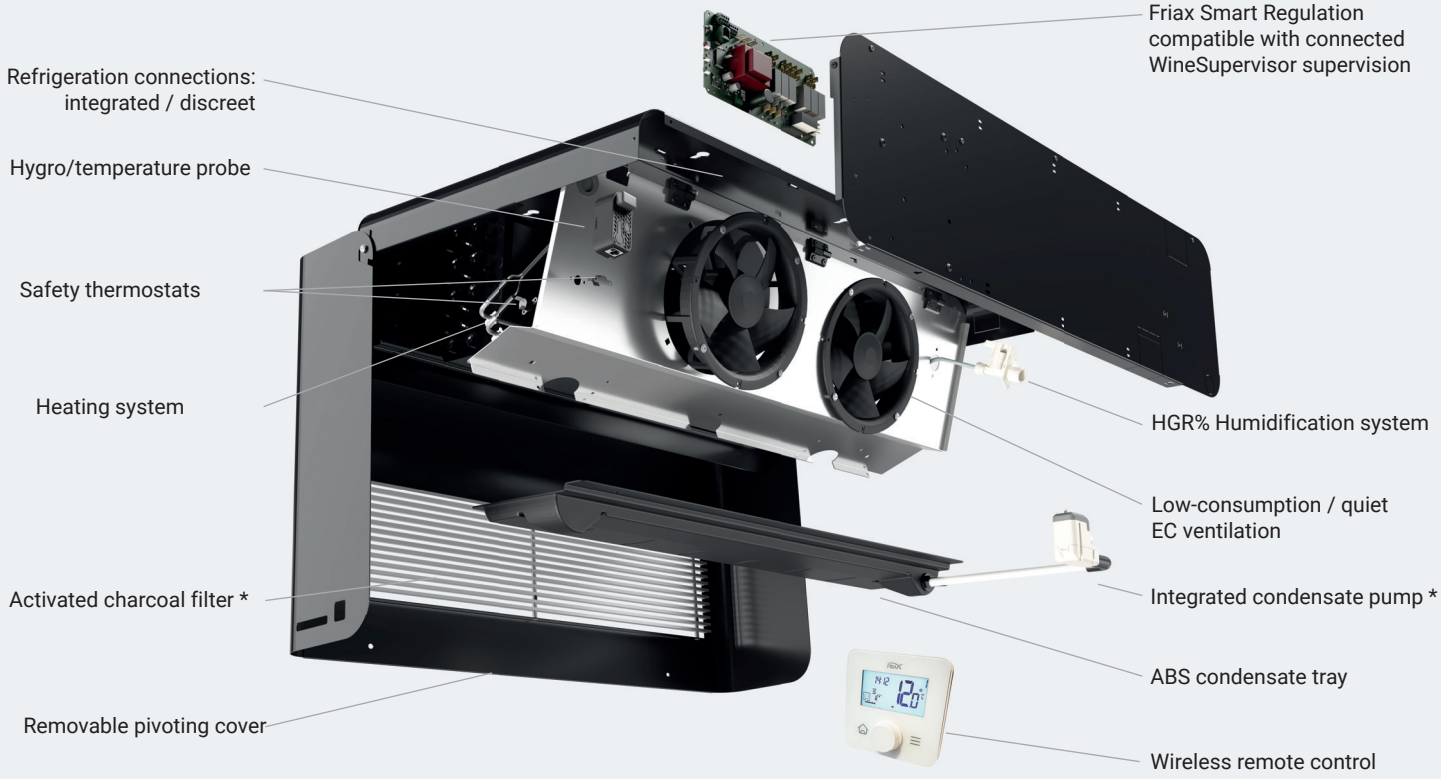
The Split Ceiling Unit Solution

The evaporator is installed directly in the corner between the wall and ceiling.

The optimized ergonomics of the EVPL2 facilitate installation and maintenance, while the integrated wireless regulation significantly reduces wiring and commissioning time, enabling fast and efficient installation.

Thanks to their compact and quiet design, EVPL2 evaporators integrate perfectly into all types of cellars, whether glass or traditional, elegantly concealing technical connections.







*accessories

EVPL2 Ceiling Unit

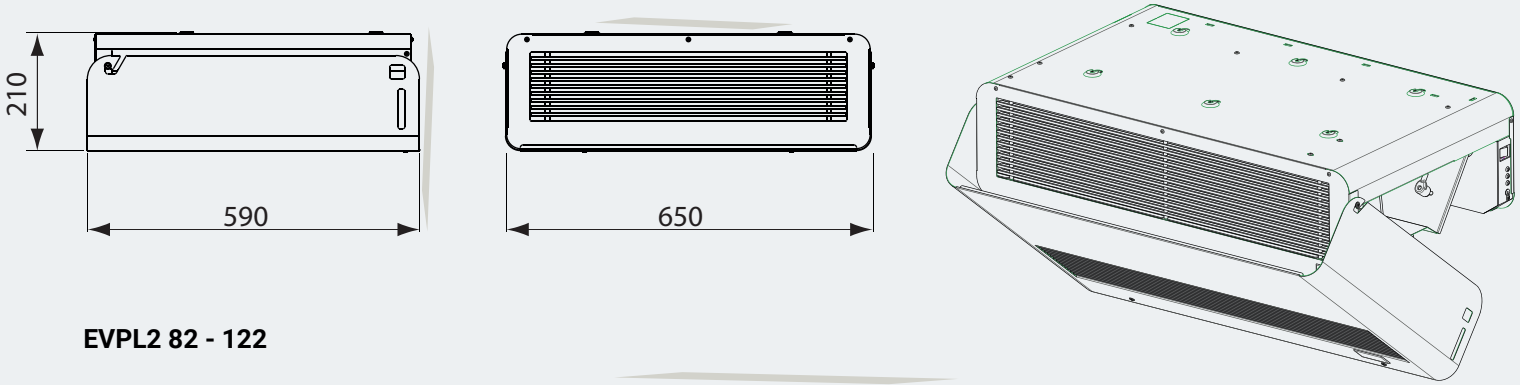
Vintage Evaporator

Cooling – Heating – Humidification

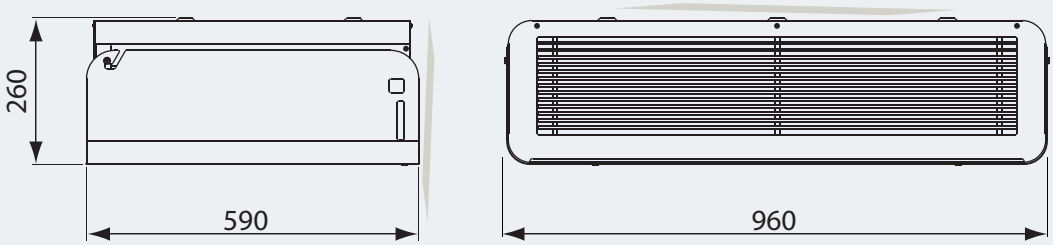
- Ceiling mounting in the cellar corner
- Galvanized anti-corrosion lacquered body
- Flare refrigeration connection in the body
- Thermostatic expansion valve
- Pump Down solenoid valve PDO on 170 and 230 models
- ABS condensate tray Cold water recycling CWR
- Drain connection in the body
- Control and connection box integrated in the body
- Operating and alarm indicators on the front panel
- Integrated heating KCH with double safety thermostat
- Integrated humidifier KHGR%
- Low-energy EC fans with low noise level
- Evaporator delivered under nitrogen pressure
- Wireless radio remote control RSF2 with display of temperature, humidity and various unit functions

EVPL2 Evaporator Dimensions

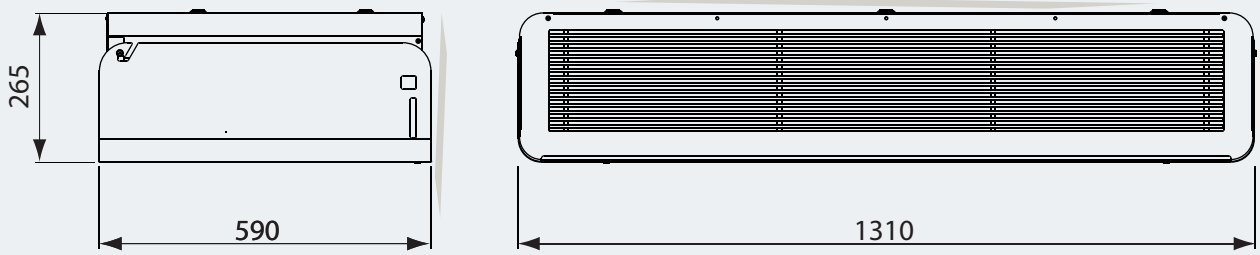
EVPL2 30 - 48



EVPL2 82 - 122



EVPL2 170 - 230



EVPL2 Ceiling Unit

Technical Specifications

Split Ceiling System EVPL2 Vintage	SPC	30	48	82	122	170	230
Cooling Power 12°C / 32°C external	W	780	1130	1470	2370	2750	3440
Heating Power on Vintage	W	870	870	1030	1030	2040	2040
EVPL2 Evaporator Specifications	SPC	30	48	82	122	170	230
Voltage	50Hz	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T
Cooling Current	A max	0.27	0.51	0.51	0.51	0.97	0.97
Heating Current	A max	3.85	4.09	5.06	5.06	9.75	9.75
Fan	Nombre	1 x 200	2 x 200	2 x 200	2 x 200	3 x 200	3 x 200
Air Flow Rate	m3/h	400	560	820	760	1070	1070
Suction Gas Connection (Flare)	Φ	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"
Liquid Connection (Flare)	Φ	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
Net Weight	Kg	19	21	30	32	40	40
Body Color		Noir	Noir	Noir	Noir	Noir	Noir
Refrigerant		R513A	R513A	R513A	R513A	R513A	R513A

EVPL2 Condensing Unit Specifications	SPC	30	48	82	122	170	230
Air-Cooled Condensing Unit	Type	GCH30	GCH48	GCH82	GCH122	GCH170	GCH230
Ducted Air-Cooled Condensing Unit	Type	GCG30	GCG48	GCG82	GCH122	GCG170	GCG230
Water-Cooled Condensing Unit	Type	GCW30	GCW48	GCW82	GCW122	GCW170	GCW230

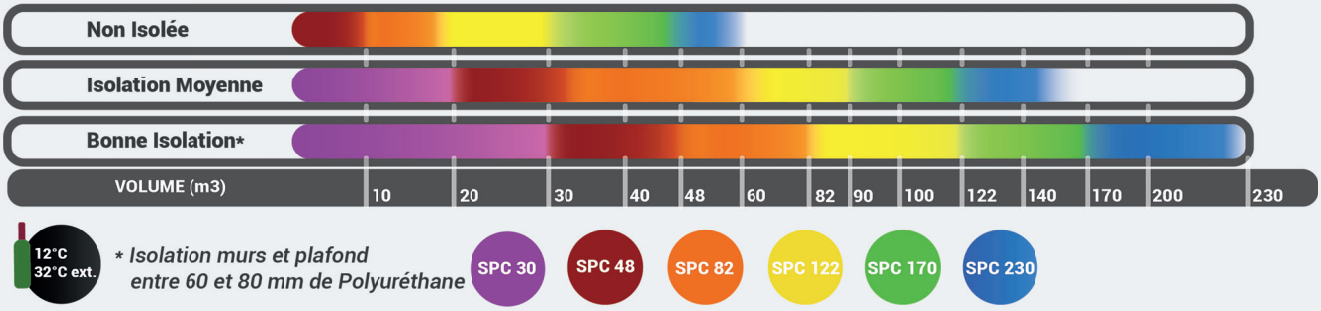
EVPL2 Split Ceiling System

Split Plaf. EVPL2 | condensation à air	*Code art.*	***SPC30_HEVPL2_VTX***	***SPC48_HEVPL2_VTX***	***SPC82_HEVPL2_VTX***	***SPC122_HEVPL2_VTX***	***SPC170_HEVPL2_VTX***	***SPC230_HEVPL2_VTX***
Split Plaf. EVPL2 | cd à air gainable	*Code art.*	***SPC30_GEVPL2_VTX***	***SPC48_GEVPL2_VTX***	***SPC82_GEVPL2_VTX***	***SPC122_GEVPL2_VTX***	***SPC170_GEVPL2_VTX***	***SPC230_GEVPL2_VTX***
Split Plaf. EVPL2 | condensation à eau	*Code art.*	***SPC30_WEVPL2_VTX***	***SPC48_WEVPL2_VTX***	***SPC82_WEVPL2_VTX***	***SPC122_WEVPL2_VTX***	***SPC170_WEVPL2_VTX***	***SPC230_WEVPL2_VTX***

Accessories

Code	*Description*	*Compatibilité*	*Infos*
		Vintage	
KWSP-I	WineSupervisor I Kit Modbus Version	X	p68
KWSP-III	WineSupervisor III Kit Connected Version	X	p68
KLPWSECU-XJ	Secure Connection Kit for Humidifier	X	p69
KLPR20	20m Extension Kit for Humidifier	X	p69
KPR-UF	Friax Universal Plug&Play Condensate Pump Kit	X	p69
KHGCHAPL	Activated Charcoal Filter	X	p69
KNET125	Odorless Wine Cellar Air Conditioning Cleaner 125 ml	X	p69
KSTART-1	Friax Starting Pack including KWSP-III, KLPWSECU/XJ, KNET125	X	p69
BNS-30-48-GCH	Low Noise Level Kit for GCH GCG 30 to 48 Unit	X	p69
BNS-82-122-GCH	Low Noise Level Kit for GCH GCG 82 to 122 Unit	X	p69
BNS-170-230-GCH	Low Noise Level Kit for GCH GCG 170 to 230 Unit	X	p69
BNS-30-230-GCW	Low Noise Level Kit for Water-Cooled Condensation Unit GCW 30 to 230	X	p69
KS2M	Wall Support Kit MPCG, Chill'loop, Unit GCH GCG GCW	X	p70
KFG-GCG30-48	Plenum Kit for GCG 30-48 Unit	X	p70
KFG-GCG82-122	Plenum Kit for GCG 82-122 Unit	X	p70
KFG-GCG170-230	Plenum Kit for GCG 170-230 Unit	X	p70

Quick Selection



WARNING

The selections presented are provided for informational purposes only and cannot in any way replace a thermal analysis that will take into account all parameters related to the cellar.

DUCTABLE EVG / EVI



The discreet comfort of ductables... The evaporators of split ductable ceiling EVG and console EVI integrate easily indoors or outdoors of spaces where aesthetics is privileged. This type of invisible and silent air conditioner will provide additional comfort in the cellar thanks to its interior unit designed to be installed with a duct network. The variety of dimensions and the many possibilities of placements facilitate their integration into spaces of different styles.

Vintage designation

It is the most complete solution. On EVG and EVI it ensures cellar cooling, heating and humidification functions. Optimized for cellar that are too dry, these models are equipped with the HGR% system. It allows humidity to be increased without adding heat and does not require demineralized water or water softener. The use of a KLPWSECU kit will facilitate and secure the water connection.

New generation RSF2 remote control

It is the simplest solution to access the control of your cellar air conditioning. With the RSF2 wireless remote control at radio frequency, no more distance problems, the signal passes through the walls. You can control your cellar even from your kitchen. On Vintage models, it displays temperature and humidity.



WineSupervisor

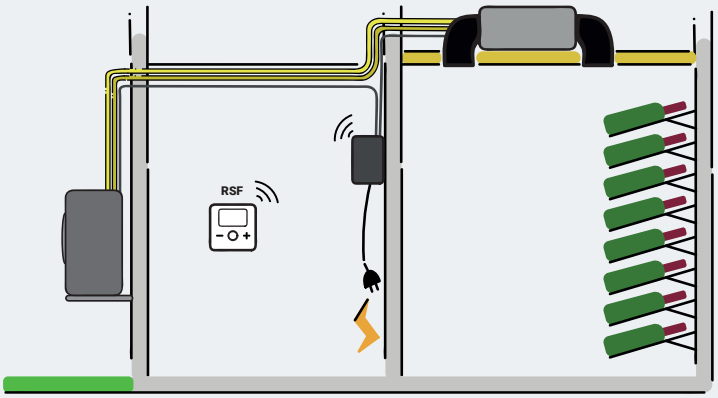
Monitor and control your cellar remotely (Web/Android/iOS) to never take the slightest risk with your bottles. Adding a connected WineSupervisor kit (KWSP-III) allows you to control the air conditioner, be alerted in case of anomaly, record the complete history of the conservation atmosphere, and give direct access to a technician if needed. For more complex home automation installations, data are available in Modbus.



DUCTABLE EVG / EVI - Installation possibilities

Dress up the EVG and EVI evaporators and they blend into the cellar environment: they are invisible and silent! The wide power range of the range allows you to air-condition large volumes without ever compromising user comfort.

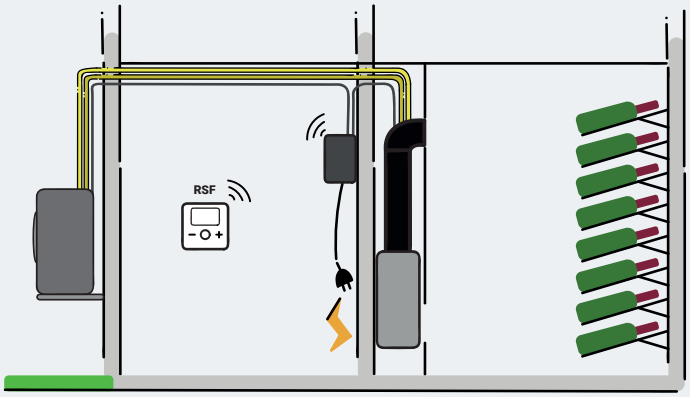
Horizontal ductable evaporator EVG





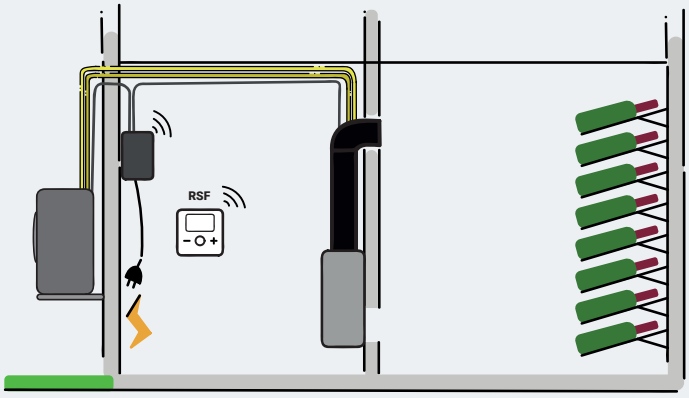
Vertical ductable evaporator EVI IN version*





*The EVIs are delivered in IN configuration as standard. Simply swap the removable panels to put them in OUT configuration. Download the assembly instructions in the Pro section of the friax.fr website.

Vertical ductable evaporator EVI OUT version*





DUCTABLE EVG / EVI - Description

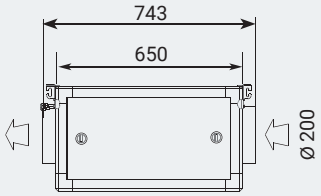
Vintage evaporator

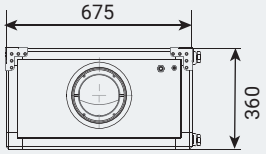
Cooling – Heating – Humidification

- Aluminum chassis with thermal break • Polyurethane panels with aluminum coating
- • EVI supplied standard in IN version (OUT version by reversing panels) • Thermosta-
- tic expansion valve • CWR (Cold water recycling) • Variable speed ventilation •
- ECRSF2 wireless radio remote control • Temperature, humidity and function display •
- KCH integrated heating • KHGr% integrated humidifier • Evaporator supplied under
- Nitrogen pressure
-
-
-
-
-

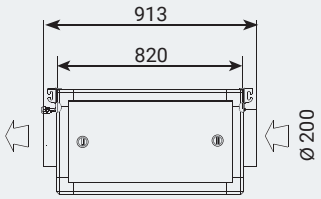
EVG | Horizontal evaporator dimensions

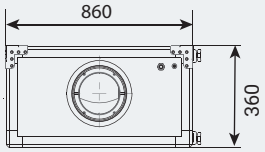
SPC 30 - 48

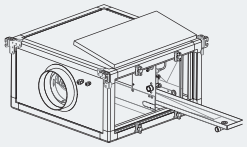




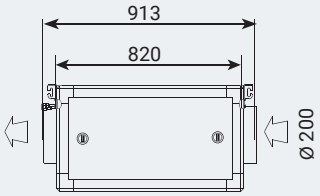
SPC 82 - 122

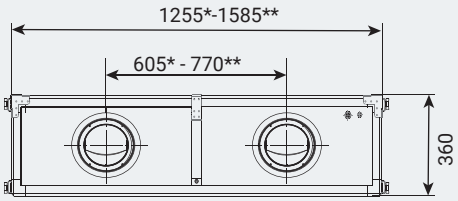




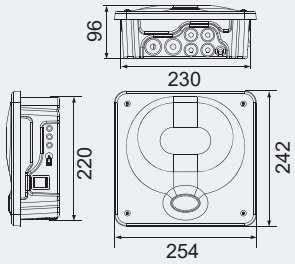


SPC 170* - 230**



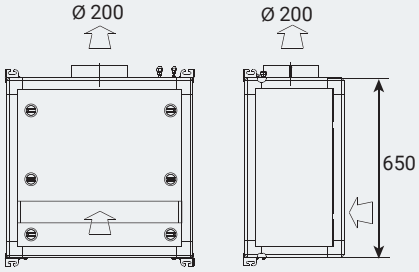


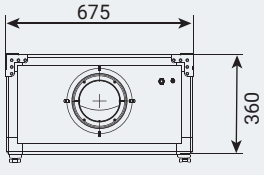
Connection box



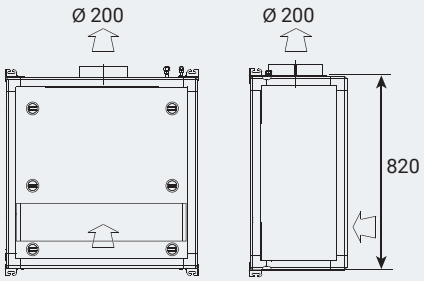
EVI | Vertical evaporator dimensions

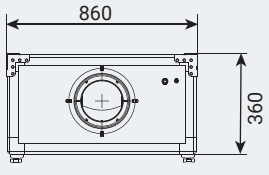
SPC 30 - 48



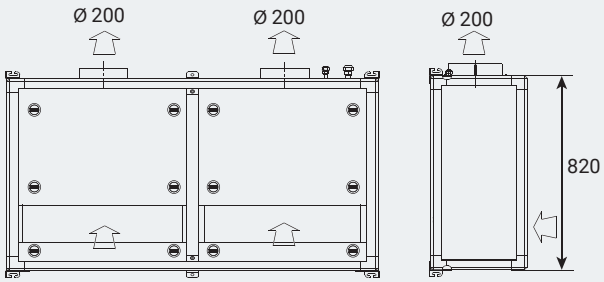


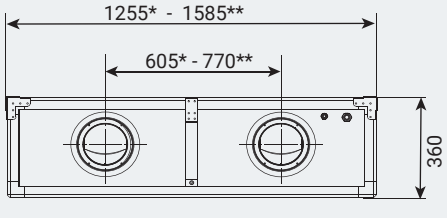
SPC 82 - 122





SPC 170* - 230**





DUCTABLE EVG / EVI

Technical characteristics

Vintage ductable EVG/EVI splits	SPC	30	48	82	122	170	230
Cooling capacity 12°C / 32°C external	W	780	1130	1470	2370	2750	3440
Vintage heating power	W	800	800	850	1000	1600	2000
EVG/EVI evaporator characteristics	SPC	30	48	82	122	170	230
Voltage	50Hz	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T
Cooling capacity	A max	1.4	1.4	1.4	1.4	2.9	2.9
Heating capacity	A max	4.9	4.9	5.1	5.8	10	11.7
Fan	Nombre	1	1	1	1	2	2
Air flow	m3/h	310	490	560	580	1075	1100
Suction gas connection (Flare)	Φ	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"
Liquid gas connection (Flare)	Φ	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
Net weight	Kg	26	26	32	36	48	56
Chassis color		Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Refrigerant		R513A	R513A	R513A	R513A	R513A	R513A
Maximum available static pressure	Pa	100	100	100	100	100	100
Characteristics of EVG/EVI groups (see p60)	SPC	30	48	82	122	170	230
Air-cooled condenser group	Type	GCH30	GCH48	GCH82	GCH122	GCH170	GCH230
Ductable air-cooled condenser group	Type	GCG30	GCG48	GCG82	GCH122	GCG170	GCG230
Water-cooled condenser group	Type	GCW30	GCW48	GCW82	GCW122	GCW170	GCW230

Vintage horizontal ductable evaporator split system EVG

Split EVG | condensation à air	*Code art.*	***SPC30_HEVG_VTX***	***SPC48_HEVG_VTX***	***SPC82_HEVG_VTX***	***SPC122_HEVG_VTX***	***SPC170_HEVG_VTX***	***SPC230_HEVG_VTX***
Split EVG | condensation à air gainable	*Code art.*	***SPC30_GEVG_VTX***	***SPC48_GEVG_VTX***	***SPC82_GEVG_VTX***	***SPC122_GEVG_VTX***	***SPC170_GEVG_VTX***	***SPC230_GEVG_VTX***
Split EVG | condensation à eau	*Code art.*	***SPC30_WEVG_VTX***	***SPC48_WEVG_VTX***	***SPC82_WEVG_VTX***	***SPC122_WEVG_VTX***	***SPC170_WEVG_VTX***	***SPC230_WEVG_VTX***

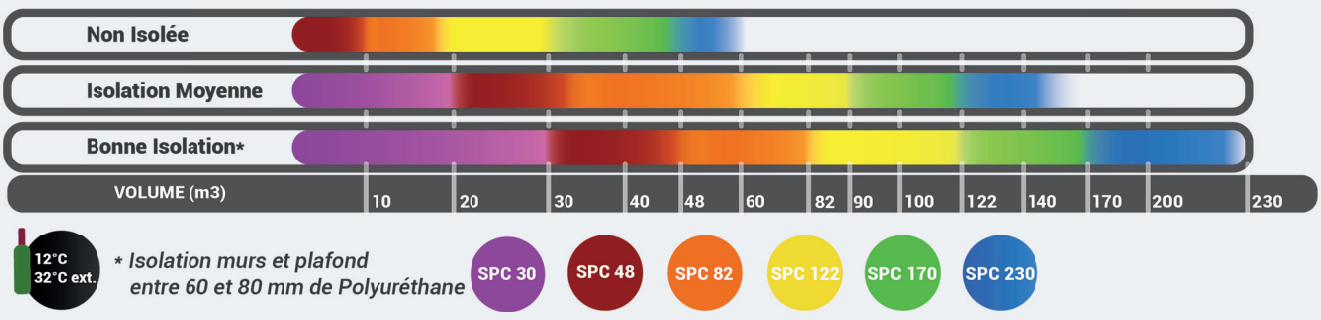
Vintage vertical ductable evaporator split system EVI

Split EVI | condensation à air	*Code art.*	***SPC30_HEVI_VTX***	***SPC48_HEVI_VTX***	***SPC82_HEVI_VTX***	***SPC122_HEVI_VTX***	***SPC170_HEVI_VTX***	***SPC230_HEVI_VTX***
Split EVI | condensation à air gainable	*Code art.*	***SPC30_GEVI_VTX***	***SPC48_GEVI_VTX***	***SPC82_GEVI_VTX***	***SPC122_GEVI_VTX***	***SPC170_GEVI_VTX***	***SPC230_GEVI_VTX***
Split EVI | condensation à eau	*Code art.*	***SPC30_WEVI_VTX***	***SPC48_WEVI_VTX***	***SPC82_WEVI_VTX***	***SPC122_WEVI_VTX***	***SPC170_WEVI_VTX***	***SPC230_WEVI_VTX***

Accessories

Code	*Description*	*Compatibilité*	*Infos*
		Vintage	
KWSP-I	WineSupervisor I Modbus version kit	X	p68
KWSP-III	WineSupervisor III Connected version kit	X	p68
KLPWSECU-XJ	Secure connection kit for humidifier	X	p69
KLPR20	20m extension kit for humidifier	X	p69
KPR-UF	Friax universal plug&play lift pump kit	X	p69
KNET125	Odorless cellar air conditioner cleaner 125 ml	X	p69
KSTART-1	Friax starting pack comprising KWSP-III, KLPWSECU/XJ, KNET125	X	p69
BNS-30-48-GCH	Low noise kit for GCH GCG 30 to 48 group	X	p69
BNS-82-122-GCH	Low noise kit for GCH GCG 82 to 122 group	X	p69
BNS-170-230-GCH	Low noise kit for GCH GCG 170 to 230 group	X	p69
BNS-30-230-GCW	Low noise kit for water-cooled condenser group GCW 30 to 230	X	p69
KS2M	Wall mount kit MPCG, Chill'loop, GCH GCG GCW group	X	p70
KFG-GCG30-48	Plenum kit GCG group 30-48	X	p70
KFG-GCG82-122	Plenum kit GCG group 82-122	X	p70
KFG-GCG170-230	Plenum kit GCG group 170-230	X	p70
	Covering accessories for EVG and EVI	X	p70 - p71

Quick selection



WARNING

The selections presented are given for information purposes only and cannot in any way replace a thermal analysis which will take into account all parameters related to the cellar

EVA2 CABINET

LES SPLITS SYSTEM

The evaporators of EVA2 split systems have been specially developed to equip your custom cabinets.
These units respond to the current trend, in catering and in private homes, of displaying wine bottles over large wall surfaces without taking up significant space in the display room. In this way, discerning wine enthusiasts can enjoy their collection to the fullest.

EVA evaporators blend into the atmosphere of your cabinets and your living spaces! Friax split systems are based on the most modern and least energy-consuming silent technologies. Once installed in the cellar, you will forget about them...

Céos designation

It is the most complete solution on EVA2. It ensures the functions of air conditioning and humidification of the cellar. Optimized for cellars and cabinets that are too dry, these models are equipped with the HGR% system. It allows humidity to be increased without heat input and does not require demineralized water or a water softener.

Using a KLPWSECU kit will facilitate and secure the water connection.

RSF2 new generation remote control

It's the simplest solution to access control of your wine cellar air conditioning. With the RSF2 wireless remote control with radio frequency, no more distance problems, the signal passes through walls. You can control your cellar even from your kitchen. On Céos models, it displays temperature and humidity.



WineSupervisor

Monitor and control your cellar remotely (Web/Android/iOS) to never take any risk with your bottles. Adding a connected WineSupervisor kit (KWSP-III) allows you to control the air conditioner, be alerted in case of anomaly, record the complete history of the storage atmosphere, and provide direct access to a technician if needed. For more complex home automation installations, data is available in Modbus.



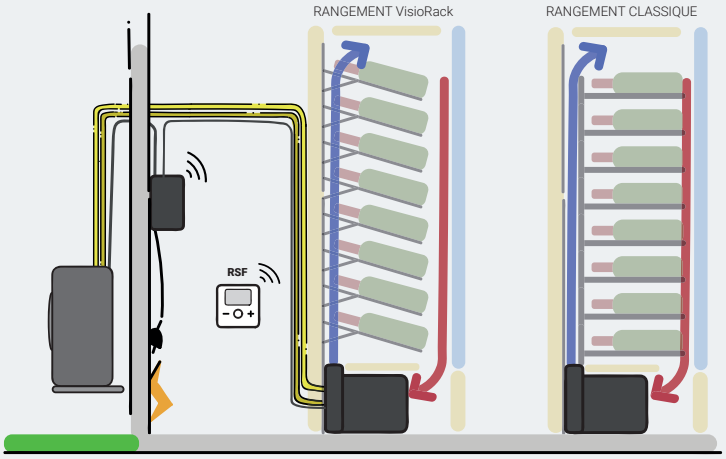
EVA2 CABINET

These units have been developed to integrate as best as possible into the smallest spaces.
Be creative, EVA2 will fit into all your cabinet, display case and small cellar projects.
The very compact EVA2 evaporator is designed to equip furniture from a depth of 350 mm. EC ventilation allows you to adjust the flow rate to the pressure drop of the furniture in which it is installed, directly with the remote control. The retractable diffuser rotates 180° depending on whether the unit is positioned as a baseboard or a cornice in the wine cabinet. Very narrow, it allows double-bottom air discharge in a cabinet. The condensate tray is mounted on sliding rails to facilitate cleaning during maintenance operations.

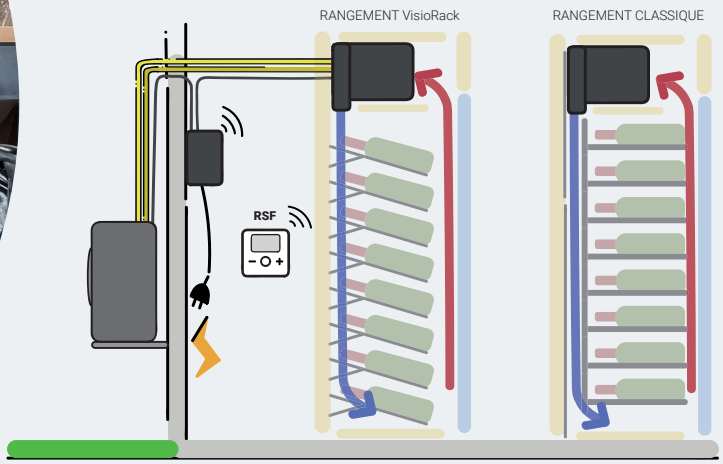
Offered as standard in its glossy black PMMA version, the EVA2 body can be customized and adapted to the color and material of your project to disappear into the cellar environment. Your creativity is the only limit... Discover standard colors in the accessories section.

Configurations





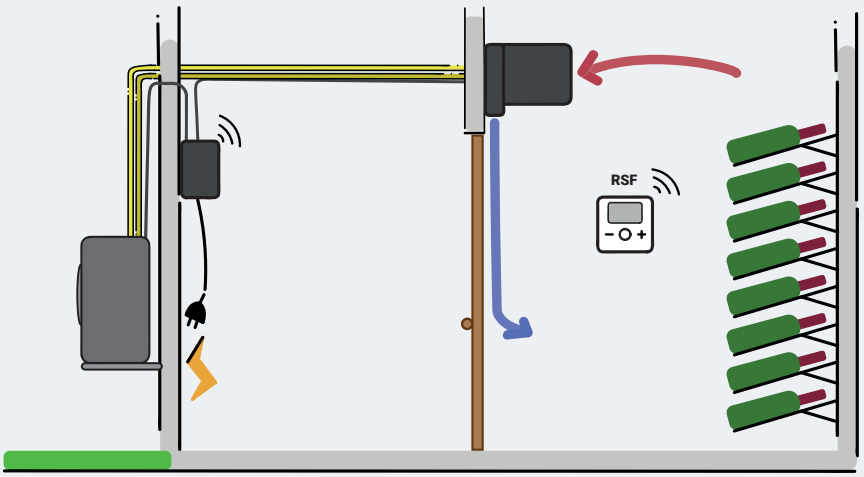
Display case upward air discharge



Display case downward air discharge

EVA2 associated with its invisible wall-mounted support KPM-EVA2 solves the problem of narrow cellars where face-to-face air discharge can be uncomfortable and where installation of a ductable unit is impossible.

Plan for installation of a lower casing panel in the case of wall mounting. (ex: KPM-EVA-HINOIR for standard black body)



EVA2 CABINET - Description

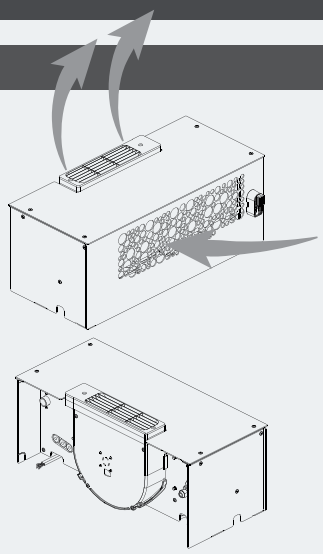
Céos evaporator

Cooling - Humidification

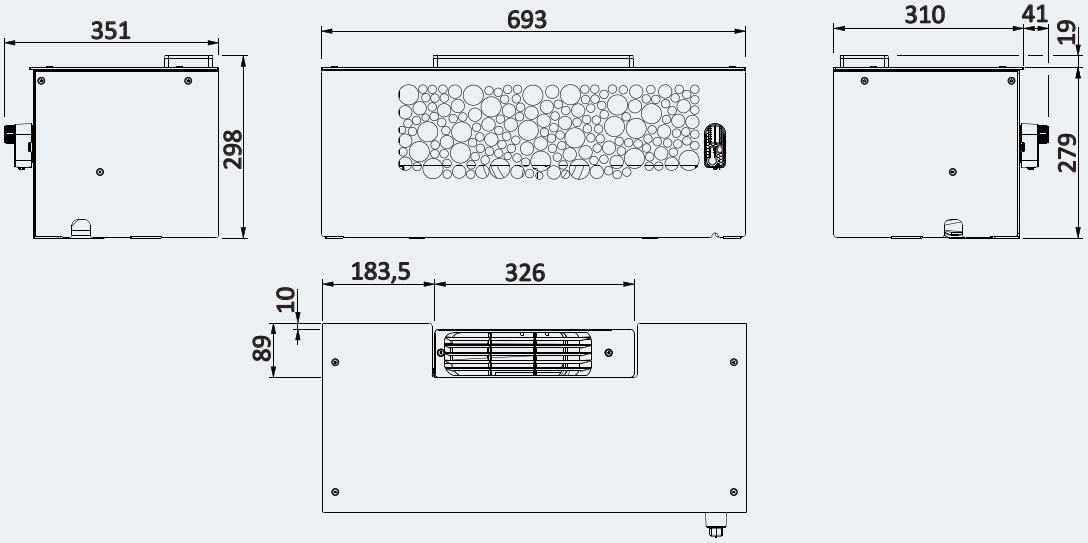
- PMMA body
- Flare refrigerant connection
- Removable condensate tray
- Thermostatic expansion valve
- CWR (Cold water recycling) humidity stabilization
- Variable-speed EC ventilation
- RSF2 wireless radio remote control
- Temperature, humidity and various appliance function display
- Adjustable diffuser pointing upwards or downwards (Standard configuration: upward)
- KHGR% integrated humidifier
- Evaporator supplied under nitrogen pressure

EVA2 evaporator dimensions

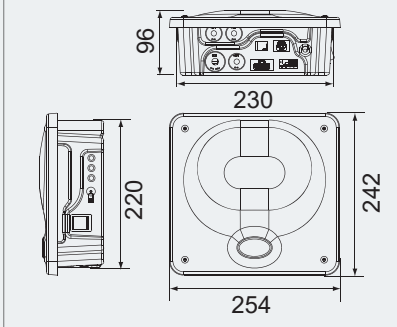
SPC 30 - 48 - 82 - 122*- 170*



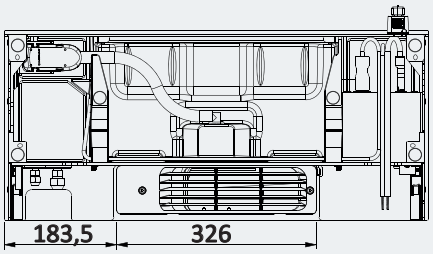
Upward air discharge configuration

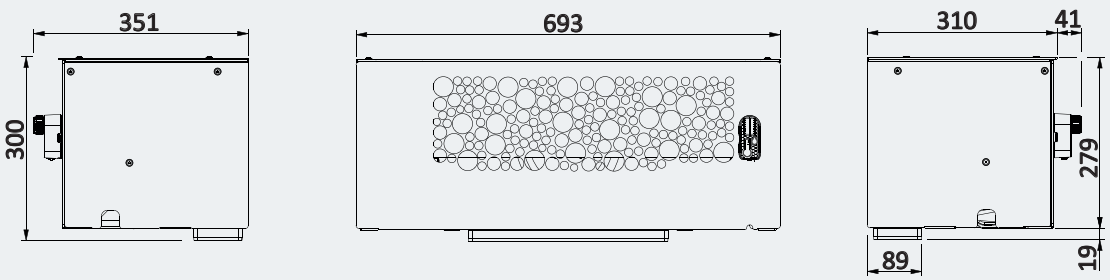


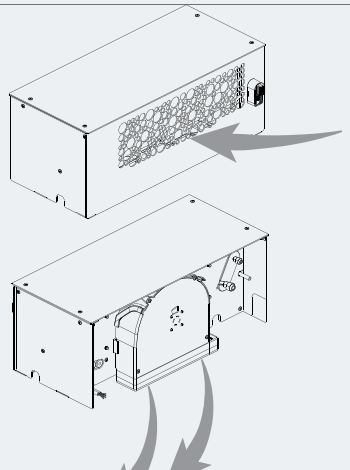
Connection box



Downward air discharge configuration







EVA2 CABINET

Technical characteristics

EVA2 cabinet split Céos	SPC	30	48	82	122	170
Cooling power 12°C / 32°C ext.	W	780	1130	1470	2370	2750
Heating power	W	-	-	-	-	-
EVA2 evaporator characteristics	SPC	30	48	82	122	170
Voltage	50Hz	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T
Intensity	A max	0.8	0.8	0.8	1.6	1.8
Evaporator *	Nombre	1	1	1	2	2
Air flow / Evaporator	m3/h	310	490	560	2 x 490	2 x 560
Suction gas connection (Flare)	Φ	3/8"	3/8"	3/8"	2 x 3/8"	2 x 3/8"
Liquid connection (Flare)	Φ	1/4"	1/4"	1/4"	2 x 1/4"	*2 x 1/4" + EVPD 3/8"
Net weight	Kg	9	9	10	2 x 9	2 x 10
Body color		Noir brillant	Noir brillant	Noir brillant	Noir brillant	Noir brillant
Refrigerant fluid		R513A	R513A	R513A	R513A	R513A
EVA2 unit characteristics (see p60)	SPC	30	48	82	122	170
Air-cooled condenser unit	Type	GCH30	GCH48	GCH82	GCH122	GCH170
Ductable air-cooled condenser unit	Type	GCG30	GCG48	GCG82	GCH122	GCG170
Water-cooled condenser unit	Type	GCW30	GCW48	GCW82	GCW122	GCW170

Split system evaporator cabinet EVA2 Céos

Split EVA2 | condensation à air	*Code art.*	***SPC30_HEVA2_CSX***	***SPC48_HEVA2_CSX***	***SPC82_HEVA2_CSX***	***SPC122_HEVA2_CSX***	***SPC170_HEVA2_CSX***
Split EVA2 | condensation à air gainable	*Code art.*	***SPC30_GEVA2_CSX***	***SPC48_GEVA2_CSX***	***SPC82_GEVA2_CSX***	***SPC122_GEVA2_CSX***	***SPC170_GEVA2_CSX***
Split EVA2 | condensation à eau	*Code art.*	***SPC30_WEVA2_CSX***	***SPC48_WEVA2_CSX***	***SPC82_WEVA2_CSX***	***SPC122_WEVA2_CSX***	***SPC170_WEVA2_CSX***

*EVPD 3/8": Pump down solenoid valve

Customization

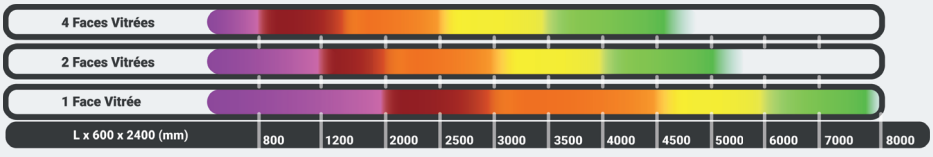
	Code	*Description*	*Compatibilité*	*Infos*
	KCEVA-CUIVRE	PMMA body finish EVA/H2OA Brushed copper per unit	X	p68
	KCEVA-ARGENT	PMMA body finish EVA/H2OA Brushed silver per unit	X	p68
	KCEVA-GLITTER	PMMA body finish EVA/H2OA Sparkle black per unit	X	p68
	KCEVA-OV	PMMA body finish EVA/H2OA Vintage gold sparkle per unit	X	p68
	KCEVA-AGN	Painted aluminium body finish EVA/H2OA Anodic Grey Natura per unit	X	p68

Accessories

Code	*Description*	*Compatibilité*	*Infos*
		Céos	
KWSP-I	WineSupervisor I Modbus version kit	X	p68
KWSP-III	WineSupervisor III connected version kit	X	p68
KLPWSECU-XJ	Secure connection kit for humidifier	X	p69
KLPR20	20m extension kit for humidifier	X	p69
KNET125	Wine cellar air conditioning cleaner without odor 125 ml	X	p69
KPR-UF	Friax universal plug&play lift pump kit	X	p69
KSTART-I	Friax starting pack including KWSP-III, KLPWSECU/XJ, KNET125	X	p69
BNS-30-48-GCH	Low noise level kit for GCH GCG 30 to 48 unit	X	p69
BNS-82-122-GCH	Low noise level kit for GCH GCG 82 to 122 unit	X	p69
BNS-170-230-GCH	Low noise level kit for GCH GCG 170 to 230 unit	X	p69
BNS-30-230-GCW	Low noise level kit for water-cooled condenser unit GCW 30 to 230	X	p69
KS2M	Wall mounting support kit MPCG, Chill'loop, GCH GCG GCW unit	X	p70
KPM-EVA2	H2OA refrigerant wall installation kit, EVA2 evaporator	X	p70
KPM-EVA2-HINOIR	Lower casing for EVA2 and H2OA wall installation	X	p70
KB2T-SPLIT	Dual-temperature regulation kit for multi-zone cabinet	X	p71

Quick selection

EVA2 for custom wine cabinet

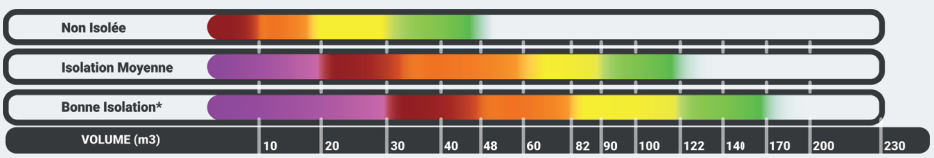


12°C 32°C ext.

Isolation parois, sol et plafond
30 mm Polyuréthane + 20 mm Bois
Double vitrage anti-UV 4x12x4
Menuiseries rupture de pont thermique

SPC 30 SPC 48 SPC 82 SPC 122 SPC 170

EVA2 for cellar



WARNING
The selections presented are given for informational purposes only and can in no way replace a thermal assessment which will take into account all parameters related to the cellar.

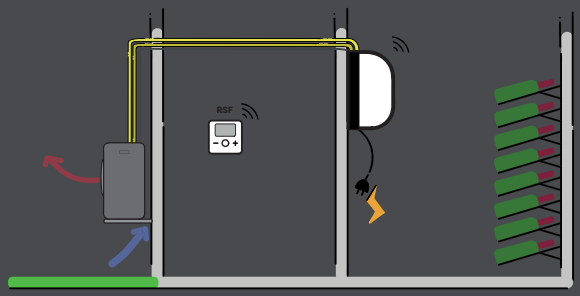
Condenser groups

Friax split systems are complete air conditioning solutions that always consist of an evaporator, a condenser group and associated regulation. To facilitate installation and meet all architectural constraints, 3 versions are available across the entire power range:

Which condenser group to use, GCH - GCG or GCW?

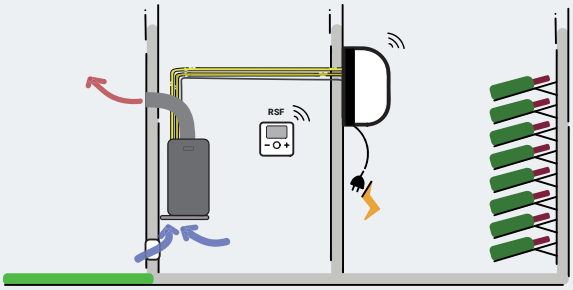
GCH | Air-cooled condenser group

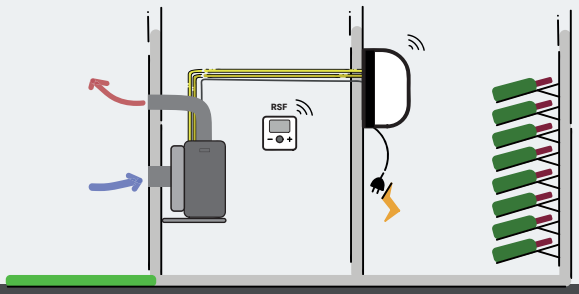
Ideal for outdoor building installations, GCH groups feature modern design and all the technologies necessary to ensure power while reducing disturbance. Maintenance is simplified thanks to simple but complete design.



GCG | Ductable condenser group

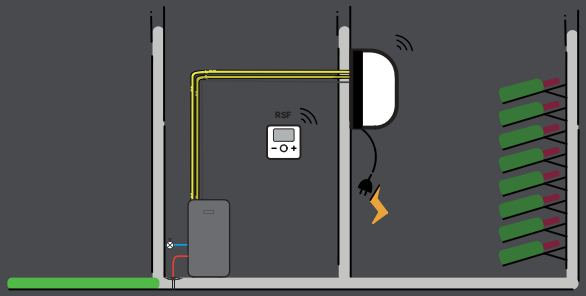
When the air conditioning environment does not allow placing the group outside, it may be wise to install it inside the building in a technical room away from the cellar. To avoid renewing the air in the room and to avoid changing its temperature, the use of a KBPL-GCG plenum is necessary. It is placed directly at the intake of the group. Combined with a return duct, the intake is made directly from the outside.





GCW | Water-cooled condenser group

If no solution with a ventilated group is possible, Friax proposes its new water-cooled condenser units GCW. Installed inside the building in a technical room separate from the cellar, GCW groups can be connected to a chilled water loop, a cooling tower or to waste water on the city water network.



Air-cooled condenser units GCH for splits 30 to 230

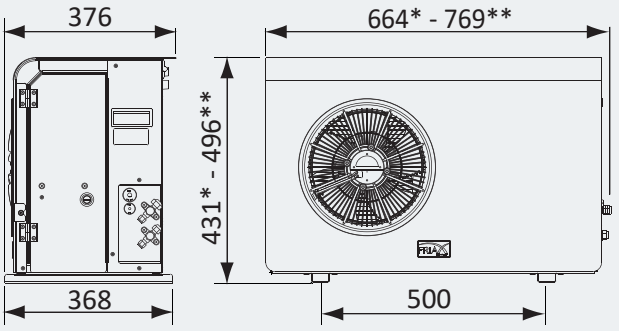


The compressor receives a crankcase resistance RC regulated to ensure its protection when the Friax split operates in heating mode. Electrical connection is made to a sealed electrical enclosure. Condenser groups are pre-charged with refrigerant for a 6m connection. Access to the electrical part is facilitated by a door located on the side of the unit. The hinged cover simplifies commissioning and maintenance operations. The acoustic insulation of the group can be reinforced with a BNS kit (see accessories for splits).

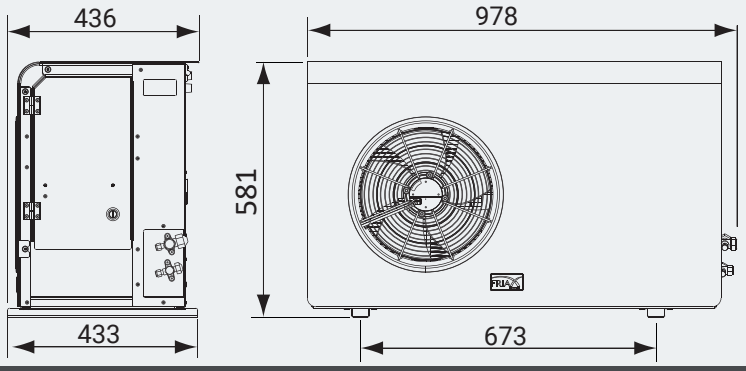
Splits of size 30 to 230 with outdoor air-cooled condensers are equipped with new GCH groups. GCH groups consist of a painted galvanized sheet steel frame and a body covered with bicolor paint designed for outdoor installation. They are equipped with a liquid reservoir, a liquid line with desiccant and sight glass. Flare valves are provided for refrigerant connection. Group safety is ensured by high and low pressure pressure switches with cartridge. KPC condensation temperature regulation ensures proper operation of the refrigeration system in summer and winter.



SPC 30* - 48* - 82** - 122** GCH



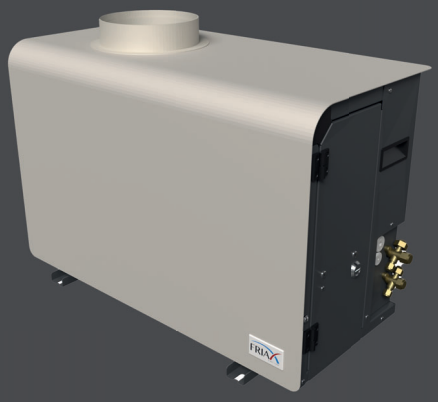
SPC 170 et 230 GCH



Technical characteristics

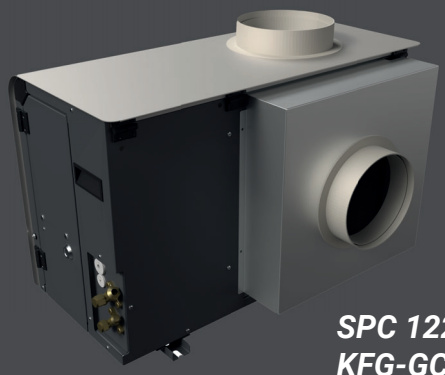
Group GCH 30 - 230	SPC	30	48	82	122	170	230
Refrigeration capacity	W	780	1130	1470	2370	2750	3440
Voltage	50Hz	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T
Current	A max	5.31	5.41	8.81	10.31	11.81	12.31
Power absorbed	W	454	607	795	1093	1209	1371
Air flow	m3/h	321	520	607	1025	1170	1460
Sound pressure level at 5m without BNS	dBA	32	40	41	43	51	51
Sound pressure level at 5m with BNS	dBA	29	37	38	40	48	48
Suction gas connection (Flare)	Φ	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"
Liquid gas connection (Flare)	Φ	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
Net weight	Kg	36	38	54	57	60	70
Chassis color		RAL7016 + anodic Grey Natura					
Refrigerant		R513A	R513A	R513A	R513A	R513A	R513A
Pre-charged for	m	6	6	6	6	6	6

Ductable air-cooled condenser units GCG for splits 30 to 230



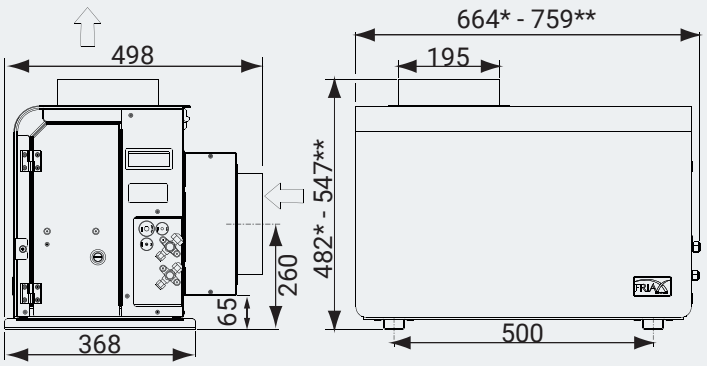
Splits of size 30 to 230 with ductable air conditioning are equipped with GCG groups. GCG groups consist of a painted galvanized sheet steel frame and a body covered with bicolor paint designed for indoor or outdoor installation. They are equipped with variable speed EC centrifugal ventilation (Maximum static pressure of 100 Pa), a liquid reservoir, a liquid line with desiccant and sight glass. Flare valves are provided for refrigerant connection. Group safety is ensured by high and low pressure pressure switches with cartridge. KPC condensation pressure regulation ensures proper operation of the refrigeration system in summer and winter.

The compressor receives a crankcase resistance RC regulated to ensure its protection when the Friax split operates in heating mode. Electrical connection is made to an IP65 electrical enclosure. Condenser groups are pre-charged as standard with refrigerant for a 6m connection. Duct connection diameter 200mm or 355mm depending on model. A KFG-GCG plenum is offered as an accessory when the unit must be connected to a fresh air intake duct. The acoustic insulation of the group can be reinforced with a BNS kit (see accessories for splits).

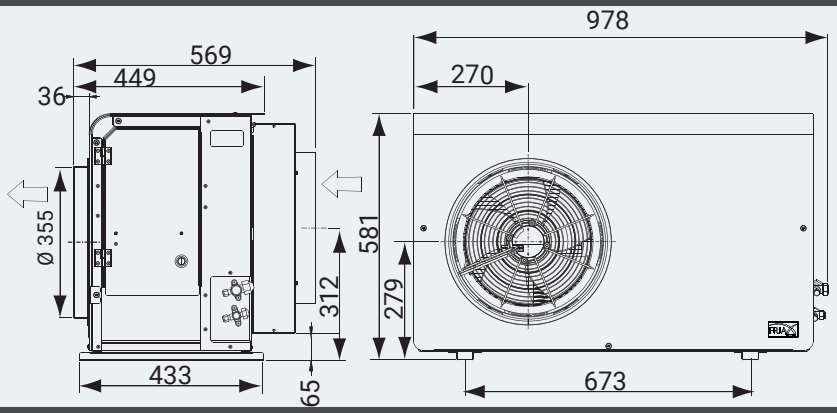


SPC 122 GCG + KFG-GCG82-122

SPC 30* - 48* - 82** - 122** GCG



SPC 170 et 230 GCG

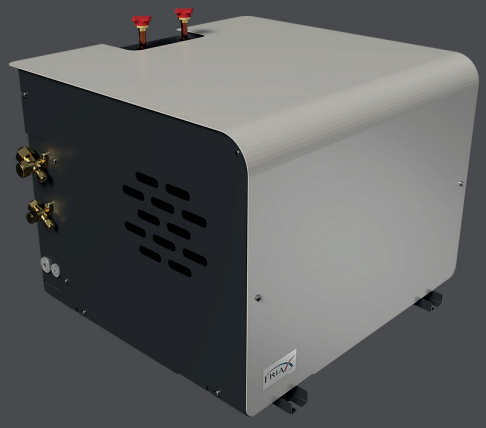


Technical characteristics

Group GCG 30 - 230	SPC	30	48	82	122	170	230
Refrigeration capacity	W	780	1130	1470	2370	2750	3440
Voltage	50Hz	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T
Current	A max	5.21	5.31	8.71	10.21	13.61	14.11
Power absorbed	W	464	640	829	1177	1350	1590
Air flow	m3/h	321	520	607	1025	1170	1460
Available pressure on air	Pa	100	100	100	100	80	80
Duct ventilation connection	Φ	200	200	200	200	355	355
Sound pressure level at 5m without BNS	dBA	32	40	41	43	51	51
Sound pressure level at 5m with BNS	dBA	29	37	38	40	48	48
Suction gas connection (Flare)	Φ	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"
Liquid gas connection (Flare)	Φ	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
Net weight	Kg	36	38	54	57	69	79
Chassis color		RAL7016 + anodic Grey Natura					
Refrigerant		R513A	R513A	R513A	R513A	R513A	R513A
Pre-charged for	m	6	6	6	6	6	6

Water-cooled condenser units for GCW 30 to 230 splits

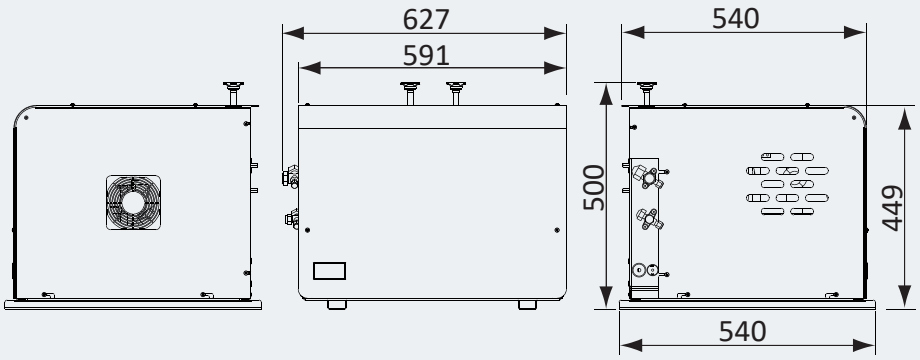
Splits of size 30 to 230 with ductable air conditioning are equipped with GCW groups. GCW groups consist of a galvanized sheet steel frame and a body covered with bicolor paint. They are installed under shelter in a frost-free environment. They are not thermally insulated and therefore cannot be installed in the cellar. They are equipped with a liquid line with desiccant and sight glass. Flare valves are provided for refrigerant connection. Group safety is ensured by high and low pressure pressure switches with cartridge. Condensation pressure regulation is ensured by a water pressure regulating valve to be adjusted when commissioning the unit. It ensures proper operation of the system in summer and winter and optimizes consumption of units connected to city water. GCW units can also be connected to chilled water networks when available on site.



Electrical connection is made to a sealed electrical enclosure. Condenser groups are pre-charged as standard with refrigerant for a 6m connection. The acoustic insulation of the group can be reinforced with a BNS kit (See accessories for splits)



SPC 30 - 48 - 82 - 122 - 170 - 230 GCW



Water-cooled condenser units must be installed in a room where the temperature is above 0°C if the network is not glycolated.

Technical characteristics

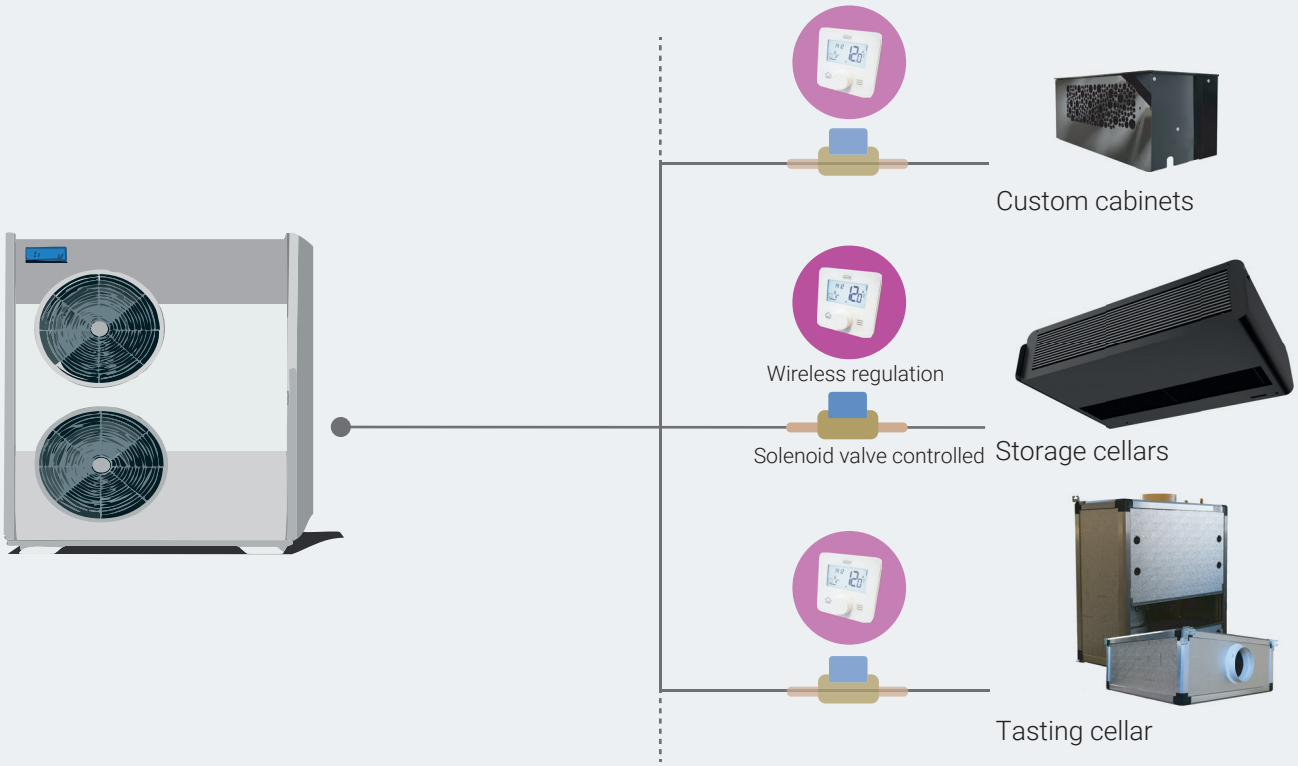
Group W 30 - 230	SPC	30	48	82	122	170	230
Refrigeration capacity	W	780	1130	1470	2370	2750	3440
Voltage	50Hz	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T	230 V/1+T
Current	A max	3.82	3.92	7.32	8.82	10.32	10.82
Power absorbed	W	400	553	741	1023	1150	1290
Sound pressure level at 5m Group W	dB	37	40	40	40	47	47
Suction gas connection (Flare)	Φ	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"
Liquid gas connection (Flare)	Φ	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
Water connection on W	Φ	2 x 1/2" M	2 x 1/2" M	2 x 1/2" M	2 x 1/2" M	2 x 1/2" M	2 x 1/2" M
Net weight	Kg	30	39	52	54	55	64
Chassis color		RAL7016 + anodic Grey Natura					
Refrigerant		R513A	R513A	R513A	R513A	R513A	R513A
Pre-charged for	m	6	6	6	6	6	6

Friax Multi-Splits Solutions

The solution to meet your most prestigious and ambitious projects! High-end wine cellar, large storage volume, display space, specific application... Our technical experts support you in designing a custom solution by drawing from our ranges of products manufactured in France.

From the smallest to the largest projects, Friax stands out to ensure flawless security for your cellars throughout the year: air conditioning, heating, humidification, maintenance or service, nothing is left to chance. The Multi-Split offer now gives you access to the best of Friax air conditioning with solutions for large-scale projects! High capacity, multi-cellar, multi-temperature, homogeneous distribution... we study with you the possibilities for installations of 2 evaporators and beyond.

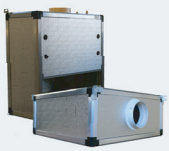
A ready-to-install solution for all environments: Air condenser group + Regulation + Evaporators

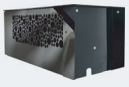


Compatible with all Friax evaporators, the Multi-Splits solution allows you to match one group with all cellars of the project by mixing the range to meet all needs, all architectures and all capacities...


Wall-mounted EVX2


Ceiling unit EVPL2


Ductable EVG / EVI


Cabinet EVA2

To define with us a solution for your project, contact our technical team by email at service.client@friax.fr or by telephone at +33 4 79 34 91 84

LES ACCESSOIRES

The Friax essentials for professional installation

LES ACCESSOIRES

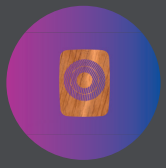
To facilitate, secure and improve the installation of Friax products, we offer you a complete range of compatible accessories.



HygroVino humidifier ..... p 67



Connected cellar ..... p 68



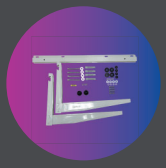
Customization ..... p 68



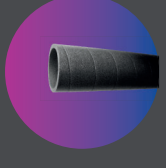
Protection and sanitation ..... p 69



Acoustics ..... p 69



Installation and supports ..... p 70



Ductwork and ventilation ..... p 70



Regulation ..... p 71

HYGROVINO 2.4 HUMIDIFIER



The HygroVino humidifier is a true complement for naturally very dry cellars or equipped with an air conditioner without an integrated humidifier. This small device with modern design operates independently of any other system to ensure maximum protection of the wine cellar thanks to Friax Industrie expertise.

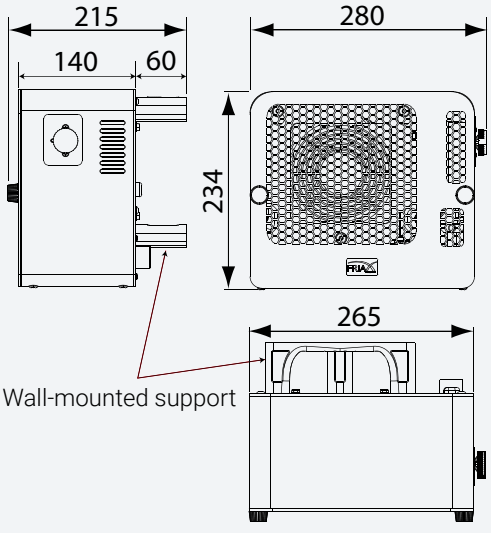
Humidified and filtered air

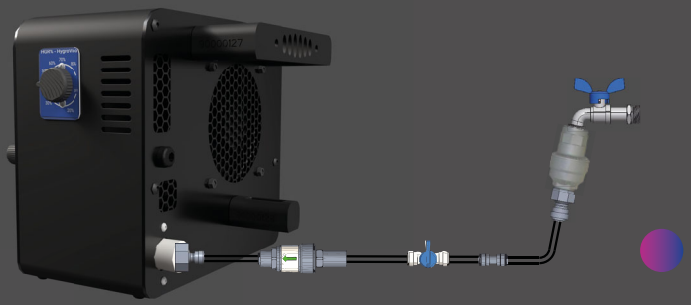
Thanks to its anti-microbial filter, the HygroVino humidifier gently humidifies wine cellars with clean and healthy air. Unlike ultrasonic technology, its operation is risk-free for the cellar. Water does not need to be treated before use.



Simple and sustainable design

The humidifier connects to the home's water supply. Once plugged in, it is ready to operate. Fixed to the wall or placed on a shelf, it always maintains the requested humidity. No drainage is necessary. For cigar cellars it can be used as a humidor. HygroVino is based on an eco-responsible design with fully recyclable materials that are not afraid of corrosion. The humidification principle used is low energy-consuming, does not scale up and does not bring heat into the cellar like electric resistance systems. The matte black color of its modern design can be customized on request.





The KLPWSECU-XJ kit offered as an accessory simplifies hydraulic connection, limits water pressure to its optimal value and secures the installation of the unit.

Wine cellar humidifier		
HygroVino 2.4	*Product code*	***KHGV24***

Accessories		
Code	Description	Information
KLPWSECU-XJ	Secure connection kit for humidifier	p69
KLPR20	20m extension kit for humidifier	p69
KHGVRF1	Replacement filter	p69
KHGVRF4	Replacement filter pack of 4	p69

Connected cellar

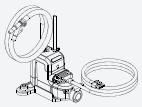
	Product code	Description	Compatibility	Céos	Vintage
	KWSP-I	WineSupervisor I kit - MODBUS version	H2OX, H2OA MPCJ, MPCG, MPCA EVX2, EVPL2, EVG, EVI, EVA2	●	●
	KWSP-III	WineSupervisor 3 kit - Connected version - winesupervisor.fr	H2OX, H2OA, H2OPL MPCJ, MPCG, MPCA EVX2, EVPL2, EVG, EVI, EVA2	●	●

Customization

	Product code	Description	Compatibility	Céos	Vintage
	KLED-XJ	Friax plug&play LED backlighting kit	H2OX MPCJ EVX2		●
	KFXJ-CEDRE	Custom facade - Cedar wood color	H2OX MPCJ EVX2		●
	KFXJ-ROUGE	Custom facade - Lipstick red color	H2OX MPCJ EVX2		●
	KFXJ-BLEU	Custom facade - Intense blue color	H2OX MPCJ EVX2		●
	KFXJ-GP	Custom facade - Polar grey color	H2OX MPCJ EVX2		●
	KFXJ-GLITTER	Custom facade - Sparkle black color	H2OX MPCJ EVX2		●
	KFXJ-CUIVRE	Custom facade - Brushed copper color	H2OX MPCJ EVX2		●
	KFXJ-ARGENT	Custom facade - Brushed silver color	H2OX MPCJ EVX2		●
	KFXJ-OV	Custom facade - Vintage gold color	H2OX MPCJ EVX2		●
	KCEVA-CUIVRE	PMMA body finish EVA/H2OA brushed copper per unit	H2OA EVA2	●	
	KCEVA-ARGENT	PMMA body finish EVA/H2OA brushed silver per unit	H2OA EVA2	●	
	KCEVA-GLITTER	PMMA body finish EVA/H2OA sparkle black per unit	H2OA EVA2	●	
	KCEVA-OV	PMMA body finish EVA/H2OA vintage gold sparkle per unit	H2OA EVA2	●	
	KCEVA-AGN	Painted aluminium body finish EVA/H2OA Anodic Grey Natura per unit	H2OA EVA2	●	
	KCXJ-NOIR	Custom body finish - Matte midnight black color	H2OX MPCJ EVX2		●

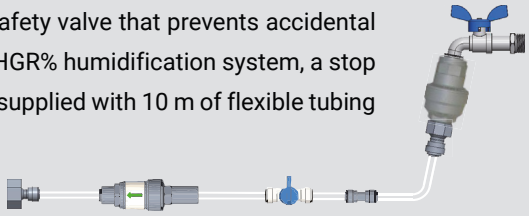
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Protection and sanitation

	Product code	Description	Compatibility	Onyx	Céos	Vintage
	KLPWSECU-XJ	Pressure limiter kit with 1/4" safety valve for HGR% humidifier	H2OX, H2OPL, H2OA MCPJ, MPCG, MPCA EVX2, EVPL2, EVG, EVI, EVA2 HygroVino 2.4		●	●
	KLPR20	20m extension kit for HGR% humidifier	H2OX, H2OPL, H2OA MCPJ, MPCG, MPCA EVX2, EVPL2, EVG, EVI, EVA2 HygroVino 2.4		●	●
	KPR-UF	Friax universal plug&play lift pump kit	H2OXO, H2OX, H2OPL, H2OA, MPCO, MPCJ, MPCG, MPCA EVXO, EVX2, EVPL2, EVG, EVI, EVA2	●	●	●
	KHGVRF1	Replacement filter - wine cellar humidification	HygroVino 2.4		-	-
	KHGVRF4	Replacement filter - wine cellar humidification - Pack of 4	HygroVino 2.4		-	-
	KHGCHAPL	Activated charcoal filter	H2OPL, EVPL2		●	●
	KNET125	Wine cellar air conditioning cleaner without odor 125 ml	H2OXO, H2OX, H2OPL, H2OA MPCO, MCPJ, MPCG, MPCA EVXO, EVX2, EVPL2, EVG, EVI, EVA2	●	●	●
	KGRFR-18-20L	Antifreeze fluid kit 20 liters - GREENFREEZE -18°C (2 containers required for CL50)	H2OXO, H2OX, H2OPL, H2OA	●	●	●

Connect FRIAX humidification

The KLPWSECU-XJ kit facilitates and secures water connection of Céos, Vintage products and the HygroVino humidifier. The system should not exceed 2.8 bars for ideal humidification. For this, the kit includes a safety valve that prevents accidental flooding in case of circuit leakage, a pressure limiter pre-set to the optimal value for the HGR% humidification system, a stop valve to be positioned on the water circuit, connections to feed a second evaporator. It is supplied with 10 m of flexible tubing with 6.35 mm diameter. The KLPR20 kit allows you to extend a circuit that is too short.



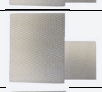
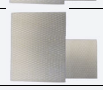
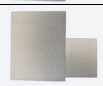
FRIAX starting pack

The accessory kit to protect your air conditioner and wine

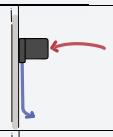
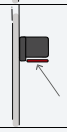


Product code	Composed of	Compatibility	Onyx	Céos	Vintage
KSTART-I	KWSP-III - KLPWSECU-XJ - KNET125	H2OX, H2OA, H2OPL MPCJ, MPCG, MPCA EVX2, EVPL2, EVG, EVI, EVA2		●	●

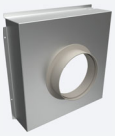
Acoustics

	Product code	Description	Compatibility	Onyx	Céos	Vintage
	BNS-30-48-GCH	Low noise level kit for GCH, GCG 30 and 48 unit	EVXO, EVX2, EVPL2, EVG, EVI, EVA2	●	●	●
	BNS-82-122-GCH	Low noise level kit for GCH, GCG 82 and 122 unit	EVPL2, EVG, EVI, EVA2		●	●
	BNS-170-230-GCH	Low noise level kit for GCH, GCG 170 to 230 unit	EVPL2, EVG, EVI, EVA2		●	●
	BNS-30-230-GCW	Low noise level kit for GCW 30 to 230 unit	EVX2, EVPL2, EVG, EVI, EVA2		●	●
	KFG30-48	Ductable facade kit for MPC with probe extension	MPCG			●

Installation and supports

	Product code	Description	Compatibility	Onyx	Céos	Vintage
	KS2M	Wall-mounted unit support kit	Groupes Chill'loop MPCG Groupes GCH, GCG, GCW	●	●	●
	KPM-EVA2	Wall installation kit for indoor unit	H2OA EVA2		●	
	KPM-EVA2-HINOIR	Lower casing for EVA2 and H2OA wall installation	H2OA EVA2		●	
	KRH-MPCA20-U	MPCA 20 UP raise kit for air intake from rear	MPCA		●	
	KRH-MPCA30-U	MPCA 30 UP raise kit for air intake from rear	MPCA		●	

Ductwork and ventilation

	Product code	Description	Compatibility	Onyx	Céos	Vintage
	KBPL300	Plenum box 300x150 for ducts Ø160 to Ø200	MPCG EVG, EVI			●
	KGDD300	Double deflection grille for KBPL300 box	MPCG EVG, EVI			●
	KFG-GCG30-48 KFG-GCG82-122 KFG-GCG170-230	Plenum kit for GCG 30-48 unit Plenum kit for GCG 82-122 unit Plenum kit for GCG 170-230 unit	EVX2, EVPL2, EVG, EVI, EVA2 EVPL2, EVG, EVI, EVA2 EVPL2, EVG, EVI, EVA2		● ● ●	● ● ●
	KFG30-48	Ductable facade kit for MPCG with probe extension	MPCG			●
	KGR160-KR	Semi-rigid duct kit Ø160 2 x 1m lengths - 2 x 90° elbows - 3 couplings	MPCG EVG, EVI			●
	KGR160-C45	45° elbow for rigid insulated duct Ø160	MPCG EVG, EVI			●
	KGR160-C90	90° elbow for rigid insulated duct Ø160	MPCG EVG, EVI			●
	KGR160	Rigid insulated duct Ø160 - 1m	MPCG EVG, EVI			●
	KGR160-RC	Coupling for rigid insulated duct Ø160	MPCG EVG, EVI			●
	KGR160-FX	Fastening clip for rigid insulated duct Ø160	MPCG EVG, EVI			●
	KGR180-KR	Semi-rigid duct kit Ø180 2 x 1m lengths - 2 x 90° elbows - 3 couplings - 1 x Ø180-200 reduction	MPCG EVG, EVI			●

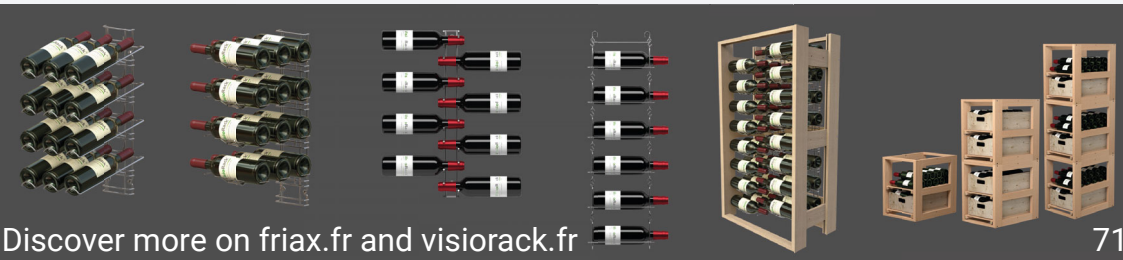
Ductwork and ventilation

	Product code	Description	Compatibility	Céos	Vintage
	KGR180-KR2	Semi-rigid duct kit Ø180 Evap. EVG2 *1m lengths - 2 x 90° elbows - 4 couplings - 2 x Ø180-200 reductions	EVG		●
	KGR180-C45	45° elbow for rigid insulated duct Ø180	MPCG EVG, EVI		●
	KGR180-C90	90° elbow for rigid insulated duct Ø180	MPCG EVG, EVI		●
	KGR180	Rigid insulated duct Ø180 - 1m	MPCG EVG, EVI		●
	KGR180-RC	Coupling for rigid insulated duct Ø180	MPCG EVG, EVI		●
	KGR180-FX	Fastening clip for rigid insulated duct Ø180	MPCG EVG, EVI		●
	KGR180-R200	Reduction for rigid insulated duct Ø180 / 200	MPCG EVG, EVI		●
	KGS160	Flexible insulated duct Ø160 - 10m	MPCG EVG, EVI		●
	KGS200	Flexible insulated duct Ø200 - 10m	MPCG EVG, EVI		●
	PR60010256	ABS mini-duct 90° horizontal elbow 60x200	MPCA	●	
	PR60010257	ABS mini-duct 1m length 60x200	MPCA	●	
	PR60010261	ABS mini-duct fixing flange 60x200	MPCA	●	
	PR60010263	ABS mini-duct 90° vertical elbow 60x200	MPCA	●	

Regulation

	Product code	Description	Compatibility	Céos	Vintage
	KB2T-SPLIT	Dual-temperature regulation kit for multi-zone wine cabinet regulation	MPCA EVA2, H2OA	●	

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Cover page: Tasting cellar 40 m³ – Private chalet – Courchevel 1850 – France // Split system SPC 82 HEVPL2 Vintage + WineSupervisor 3

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