

MONOBLOCS

Compact wine cellar air conditioners that incorporate
all of Friax's know-how

THE WINE PRESERVATION

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

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

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



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

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



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

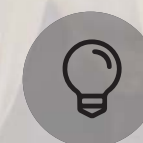
An **atmosphere that is too dry** can cause the contents of the bottles to flow, letting air in and causing the wine to become maderized.

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



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

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



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

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

Friax Monoblocs are easy to install devices. They do not necessarily require the intervention of a specialist.



Window MPCJ p 16

The MPCJ is a monobloc with a refined and customizable design to transform the atmosphere of the wine cellar.



Ductable MPC p 20

Equipped with the ducted front, the MPC monobloc can be installed inside or outside the cellar to optimize space.



MPCA cabinet p 24

The Monobloc MPCA has been specially developed to easily equip custom glass wine cabinets and small cellar spaces.

WINDOW MPCJ

The installation of a **Monobloc MPCJ** for the air conditioning of a cellar allows to **overcome the constraints** related to the refrigeration connections of a splits system thanks to a **cross-wall installation** ("window"). Controlled by their wireless remote control, the Genesis Plus and Vintage finish perfectly control the temperature and humidity of your cellar.

The modern and clean design of this wine cellar air conditioner can be **personalized** so that each cellar becomes unique.

Genesis Plus or Vintage finish

The Genesis Plus finish helps maintain a healthy cellar with air conditioning and heating regulation to limit temperature differences between seasons and best protect the wine. The Vintage version also incorporates the **HGR%** humidification system. It allows humidity to be raised without adding heat and does not require demineralized water or softeners. The use of a **KLPWSECU** kit will facilitate and secure the connection to the water.

Remote control

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

**Customizable**

The modern and clean design of this cellar air conditioner can be personalized so that each wine cellar becomes unique. The interchangeable colored front allows endless possibilities. The MPCJ comes standard with a glossy black front.

WineSupervisor

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

Sustainable design

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



WINDOW MPCJ

Easy to use

Installation, use or maintenance, MPCJ monoblocs are designed to be simple. Technical access is facilitated by quick dismantling.

Friax Industrie expertise guarantees that your wines will be well kept!



TRAVERSANT MPCJ - Description

Genesis Plus

Cooling - Heating

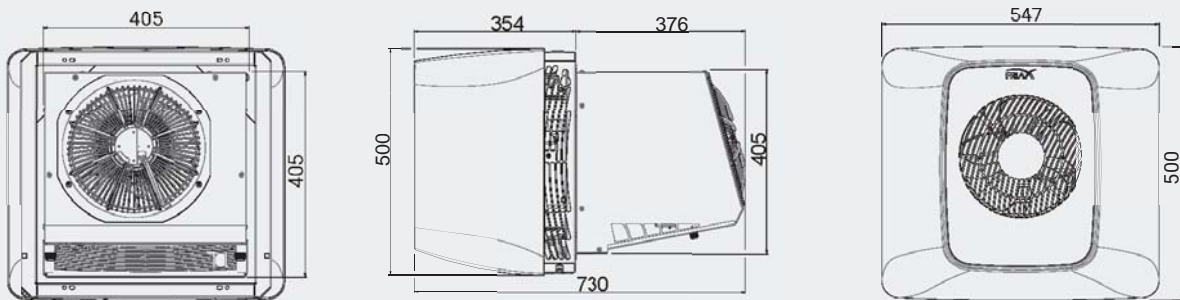
- Mounting through the wall
- Cellar side white ABS body
- Customizable front
- Black epoxy paint body
- Condensate drain
- **CWR** (Cold water recycling)
- Front panel operation and alarm indicators
- Power cord
- Variable speed **EC** low consumption fans
- **KPC** Condensing pressure control
- **RC** Heating belt on compressor (Winter Kit) with energy saving program
- **RSF** white wireless remote control
- Display of the temperature and the various functions of the device
- **KCH** integrated heating function
- Wall mounting frame
- R290 fluid

Vintage

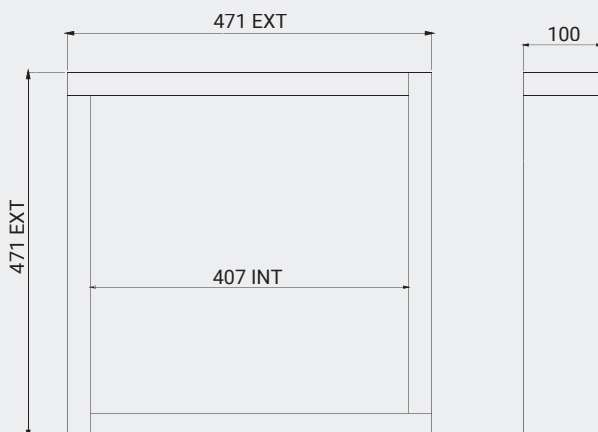
Cooling – Heating – Humidification

- Mounting through the wall
- Cellar side white ABS body
- Customizable front
- Black epoxy paint body
- Condensate drain
- **CWR** (Cold water recycling)
- Front panel operation and alarm indicators
- Power cord
- Variable speed **EC** low consumption fans
- **KPC** Condensing pressure control
- **RC** Heating belt on compressor (Winter Kit) with energy saving program
- **RSF** white wireless remote control
- Display of temperature, humidity, and various functions of the device
- **KCH** integrated heating function
- **KHGR%** Integrated humidifier
- Wall mounting frame
- R290 fluid

Dimensions



MPCJ Wall mounting frame



WINDOW MPCJ

Technical characteristics

	MPCJ	30	48
Cooling capacity 12°C / 32°C ext.	W	780	1100
Heating capacity	W	800	800
	MPCJ	30	48
Voltage	50Hz	230 V/1+T	230 V/1+T
Max cooling Intensity absorbed	A	4	4.7
Max heating Intensity absorbed	A	3.9	3.9
Air flow in the cellar	m3/h	452	442
Sound pressure level at 5m	db	-	-
Net weight	kg	-	-
Body color		White / Black	White / Black
Refrigerant		R290	R290
PRICES - Monobloc MPCJ			
GENESIS PLUS	<i>Product code</i>	MPCJ30 GN PLUS	MPCJ48 GN PLUS
VINTAGE	<i>Product code</i>	MPCJ30 VT	MPCJ48 VT

Customization

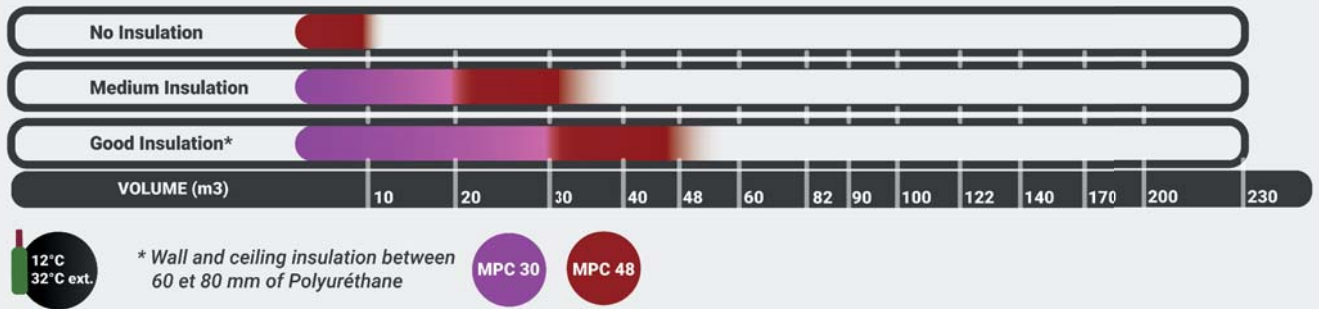
Code	Description
KFXJ-OR	Gold Mirror color custom front
KFXJ-CEDRE	Cedar Wood color custom front
KFXJ-ROUGE	Lipstick Red color custom front

Contact us for more possibilities

Accessories

Code	Description	Infos	Compatibility	
			Genesis	Vintage
KLPWSECU-XJ	Secure connection kit for H20X and MPCJ humidifiers	p53		X
KLPR20	20m extension kit for humidifier	p53		X
KPR-XJ	H20X and MPCJ lift pump kit	p53	X	X
KLED-XJ	LED backlight kit	p53	X	X
KWSP-I	WineSupervisor I - Kit Modbus version	p55	X	X
KWSP-III	WineSupervisor III - Kit Connected version	p55	X	X

Quick selection



WARNING

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

DUCTABLE MPC



The installation of a **MPC Monobloc** for air conditioning a cellar **overcomes the constraints related to the refrigeration connections** of the split systems.

MPC Monoblocs multiplies the installations solutions during assembly. Available in several sizes, they can be positioned through the wall, inside or outside the space to be air-conditioned with the use of a **KFG** kit.



MPC + KFG

Genesis Plus or Vintage finish



The Genesis Plus finish helps maintain a healthy cellar with air conditioning and heating regulation to limit temperature differences between seasons and best protect the wine. The Vintage version also incorporates the **HGR%** humidification system. It allows humidity to be raised without adding heat and does not require demineralized water or softeners.

The use of a **KLPWSECU** kit facilitates and secures the connection to water.

Remote control



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



WineSupervisor

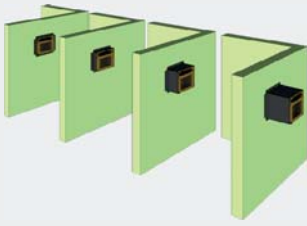


This is the connected solution. Whatever your environment, Friax offers the solution to remain constantly connected to your cellar. Using the **KWSP-I** kit, you connect to the supervision of your home through a Modbus protocol. The **KWSP-III** solution brings all the cellar information directly to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



DUCTABLE MPC

Installation Possibilities



Window solution

The MPC can be pushed through walls ranging from **70 to 600 mm in thickness**. The insulation of its body allows to have the conditioners completely IN or OUT of the cellar.

Ductable solutions

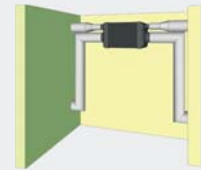
Those units can be equipped with **KFG30-48** ducting fronts allowing for many installation solutions.



Mounting IN



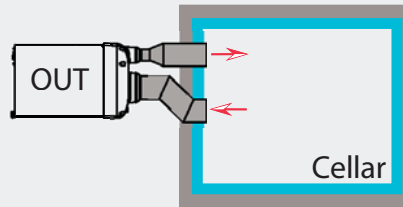
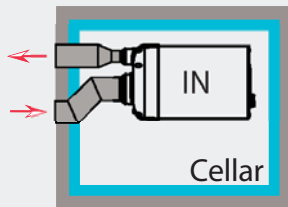
Mounting OUT



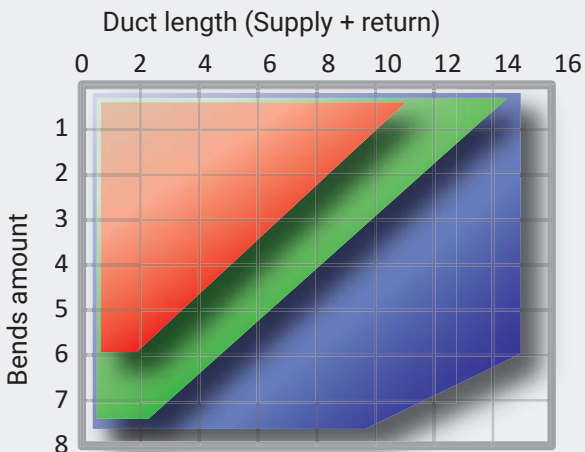
Mounting IN/OUT

Which ducts for MPC?

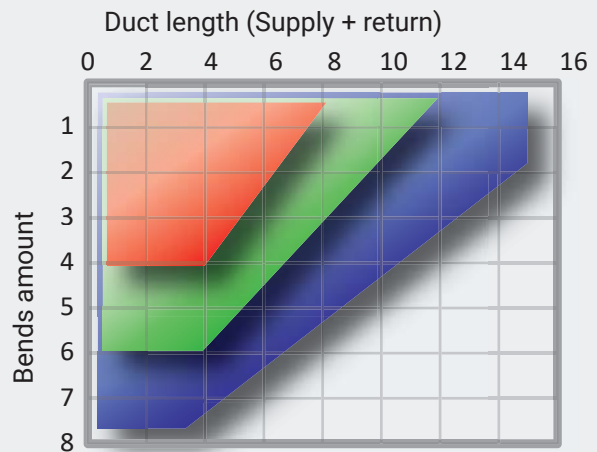
Using the following tables, determine the ducts diameter to be used to connect the MPC in IN or OUT assembly. Prefer large diameter ducts to reduce noise emissions and shorter lengths to limit heat exchange with the surrounding environment.



MPC 30



MPC 48



Ø160 glass wool insulated flexible duct (KGS160)

Ø160 Semi-rigid polyethylene duct (KGR160)

Ø200 glass wool insulated flexible duct (KGS200) or
Ø180 Semi-rigid polyethylene duct (KGR180)

DUCTABLE MPC

Genesis Plus
Cooling - Heating

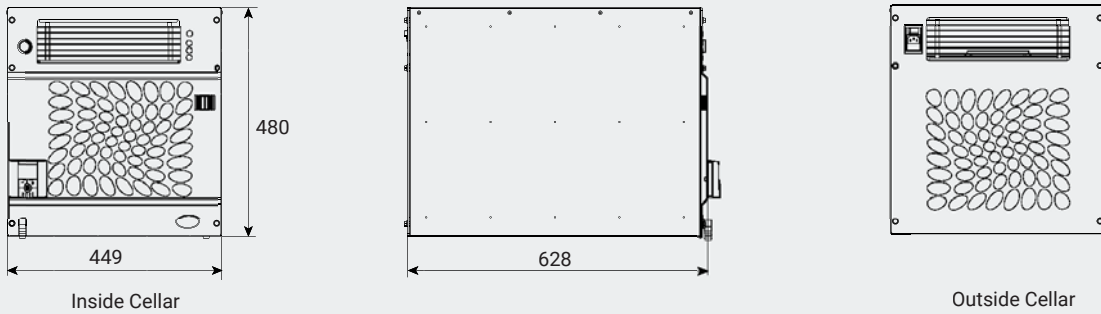
- Mounting through the wall
- Black epoxy paint body
- Aluminum fronts bronze color
- Condensate drain on the front
- **CWR** (Cold water recycling)
- Front panel operation and alarm indicators
- Power cord with power switch
- Variable speed **EC** low consumption fans
- **KPC** Condensing pressure control
- **RC** Heating belt on compressor (Winter Kit) with energy saving program
- **RSF** wireless remote control
- Display of the temperature and the various functions of the device
- **KCH** integrated heating function
- R134A fluid

Vintage
Cooling – Heating - Humidification

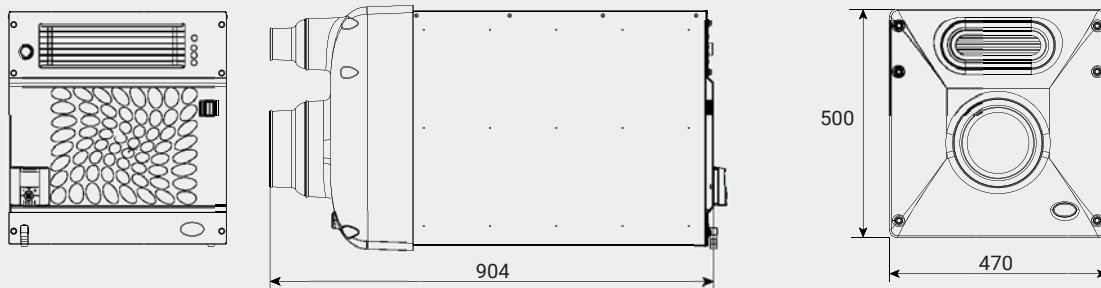
- Mounting through the wall
- Black epoxy paint body
- Aluminum fronts bronze color
- Condensate drain on the front
- **CWR** (Cold water recycling)
- Front panel operation and alarm indicators
- Power cord with power switch
- Variable speed **EC** low consumption fans
- **KPC** Condensing pressure control
- **RC** Heating belt on compressor (Winter Kit) with energy saving program
- **RSF** wireless remote control
- Display of the temperature and the various functions of the device
- **KCH** integrated heating function
- **KHGR%** Integrated humidifier
- R134A fluid

Dimensions

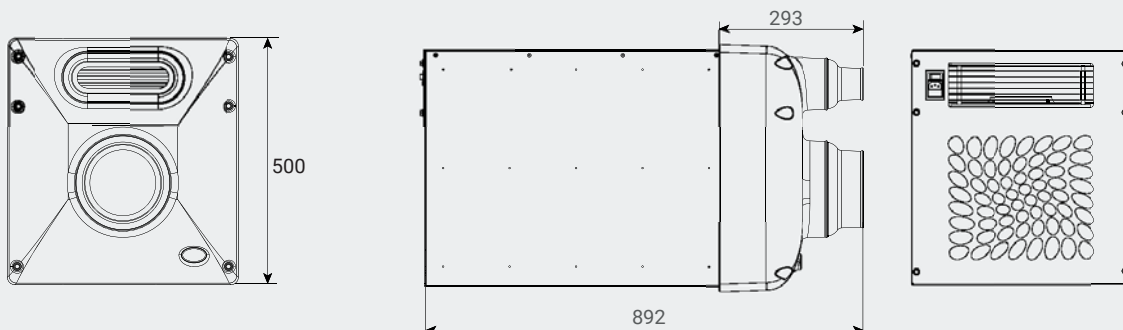
MPC Monoblocs 30 and 48 for wall mounting



MPC Monoblocs 30 and MPC 48, ducted IN application with KFG30-48 front panel



MPC Monoblocs 30 and MPC 48, ducted OUT application with KFG30-48 front panel



DUCTABLE MPC

Technical characteristics

	MPC	30	48
Cooling capacity 12°C / 32°C ext.	W	780	1100
Heating capacity	W	800	800
	MPC	30	48
Voltage	50Hz	230V/1+T	230V/1+T
Max cooling Intensity absorbed	A max	4	5
Max heating Intensity absorbed	A max	4.4	4.4
	MPC	30	48
Air flow in the cellar	m3/h	310	365
Sound pressure level at 5m	db	41	41
Condensing unit air flow	m3/h	405	510
Net weight	kg	45	49
Body color		Bronze	Bronze
Refrigerant		R134A	R134A

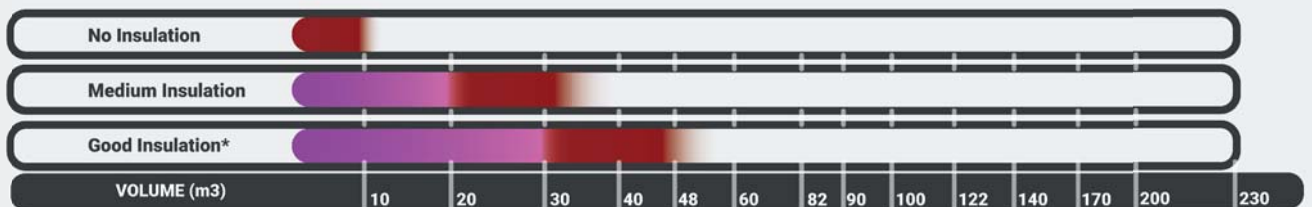
PRICES - Monobloc MPC

GENESIS PLUS	<i>Product code</i>	MPC30 GENESIS PLUS	MPC48 GENESIS PLUS
VINTAGE	<i>Product code</i>	MPC30 VINTAGE	MPC48 VINTAGE

Accessories

Code	Description	Infos	Compatibility	
			Genesis	Vintage
KLPWSECU	Secure connection kit for humidifier	p53		X
KLPR20	20m extension kit for humidifier	p53		X
KPR	Lift pump kit	p53	X	X
KWSP-I	WineSupervisor I - Kit Modbus version	p55	X	X
KWSP-III	WineSupervisor III - Kit Connected version	p55	X	X
KFG30-48	Ductable Front Kit for MPC	p54	X	X
KS2M	Wall Mounting Kit	p54	X	X

Quick selection



* Wall and ceiling insulation between 60 et 80 mm of Polyuréthane



WARNING

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

CABINET MPCA

The integration capability of the MPCA range gives you the freedom to create your very own custom cellar. You can display your wines in a single or multi-temperature cabinet at controlled humidity and this in absolute silence ...

INTEGRATED monobloc for wine cabinet***Genesis Finish***

This is the ideal solution for cellars that are too hot. Air conditioning brings the atmosphere back to the optimum storage temperature. For rooms that are neither too humid nor too dry, the humidity is stabilized in the correct range using the Cold Water Recycling (**CWR**) process.

Vintage Finish

This is the all-inclusive solution. On the **MPCA** range it insures the air conditioning and humidification of the cellar. Optimized for cellars that are too dry, these models are equipped with the **HGR%** system. It allows humidity to be raised without adding heat and does not require demineralized water or softeners.

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

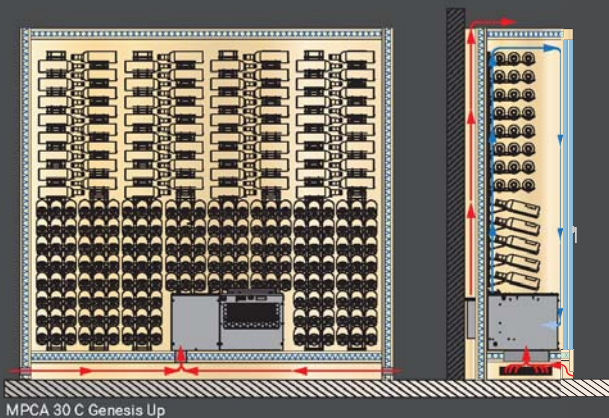
Remote control

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

***WineSupervisor***

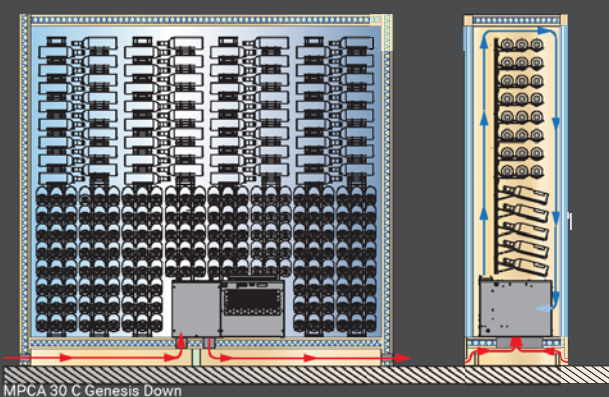
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CABINET MPCA - Installation Possibilities



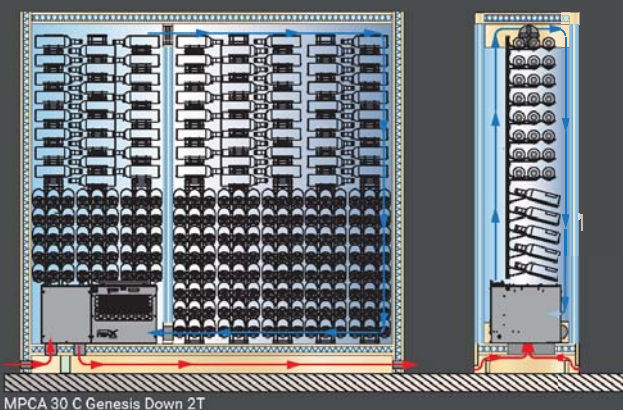
AIR BLOWING UP

Used for cabinets standing against a wall. The air conditioning is forced behind the bottle holders to gently stir the atmosphere in the cellar. The ventilation of the condensing unit is done by sucking in the air from the underside of the cabinet and exhausting it from the rear side against the wall.



AIR BLOWING DOWN

For showcases cabinet positioned as an island or as a separation of two spaces with 2, 3 or 4 glass sides. The air conditioning is forced behind the bottle storage and is then sucked in through the front of the mono-bloc. The ventilation of the condensing unit is done by sucking the air from the underside of the cabinet. The hot air is exhausted downwards in the opposite direction opposite (requires adjustment).



2 TEMPERATURE VERSION

The MPCA makes it possible to combine in the same cabinet a white wines and Champagnes (+ 6 ° C) section, as well as a section for the service of red wines (+ 16 ° C) or a conservation section (+ 12 ° C) for all wines.

The MPCA 2T is placed in the coldest zone. The KBT2 ventilation kit connected to the 2nd MPCA regulator ensures the circulation of air from the coldest zone to the hottest zone.

For all models the cabinet lighting can be operated by the air conditioner wireless remote control. All CC models are equipped with a double condensate evaporation system. Connection to a drain is still possible.

CABINET MPCA - Description

Genesis

Cooling only

- Installation through the wall / cabinet
- Black epoxy paint body
- **CWR** (Cold water recycling)
- Front panel operation and alarm indicators
- Power switch
- Variable speed **EC** low consumption fans
- **KPC** Condensing pressure control
- **RSF** wireless remote control
- Display of the temperature and the various functions of the device
- CC condensate drain (hot + electric)
- R290 fluid

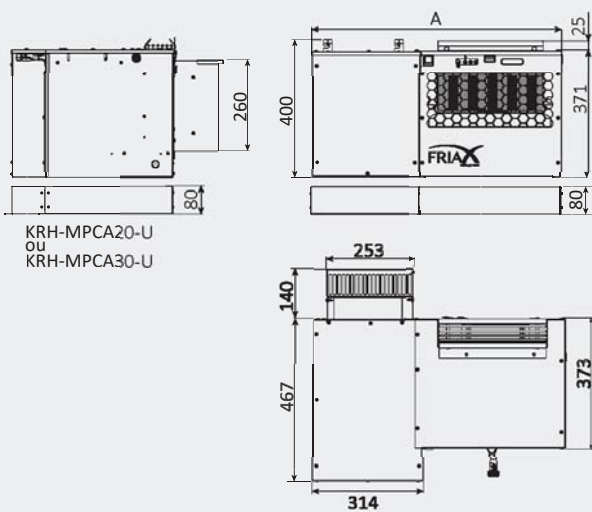
Vintage

Cooling - Humidification

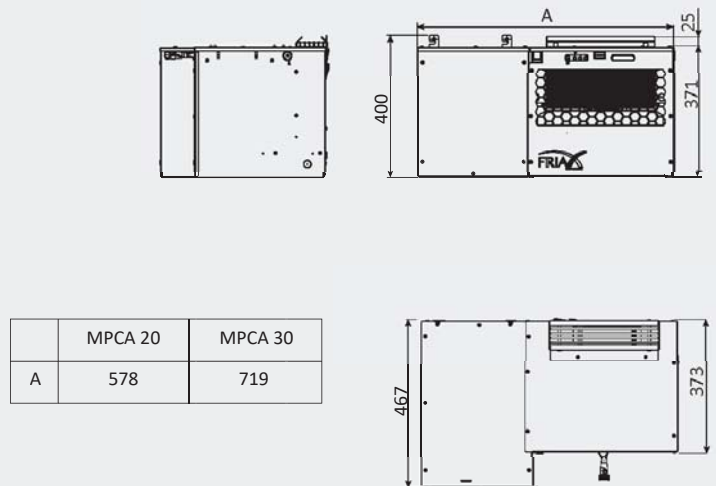
- Installation through the wall / cabinet
- Black epoxy paint body
- **CWR** (Cold water recycling)
- Front panel operation and alarm indicators
- Power switch
- Variable speed **EC** low consumption fans
- **KPC** Condensing pressure control
- **RSF** wireless remote control
- Display of the temperature and the various functions of the device
- **KHGR%** Integrated humidifier
- CC condensate drain (hot + electric)
- R290 fluid

Dimensions

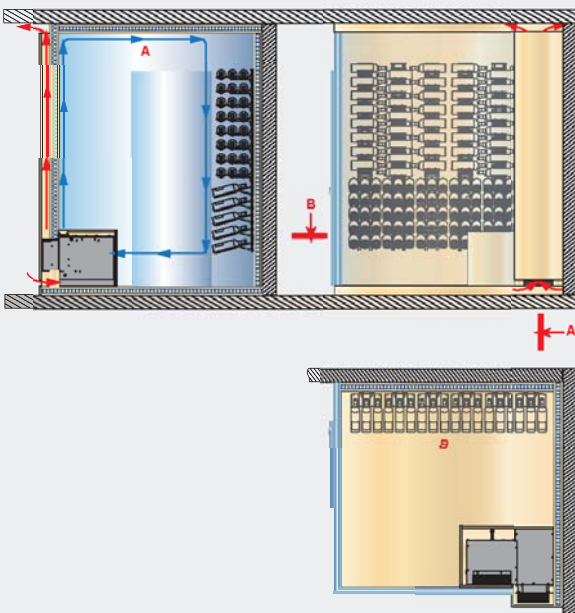
MPCA Monobloc 20 and 30 AIR BLOWING UP



MPCA Monobloc 20 and 30 AIR BLOWING DOWN

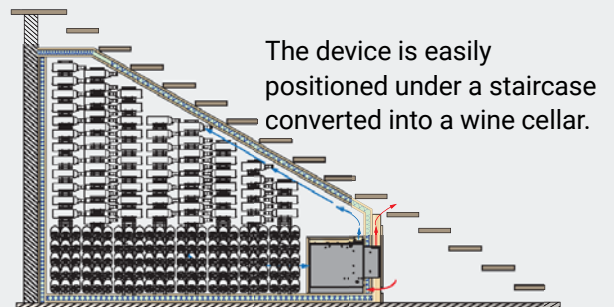


Custom cellar spaces



Installation of an air-conditioned cellar space in a living room or leisure room becomes relatively simple with the **MPCA**. Autonomous, it sits in the room and plugs into a power outlet.

No other connection required for Genesis models. The **KRH** riser kit eliminates the need for a plinth by raising the MPCA to facilitate air circulation under the group. Without noise, in a perfectly controlled atmosphere, your wines will be sheltered for a long time.



CABINET MPCA

Technical characteristics

	MPCA	20	30
Cooling capacity +6°C / +12°C 28°C ext	W	460/680	620/800
Temperature setting	°C	6-16	6-16
	MPCA	20	30
Voltage	50Hz	230V/1+T	230V/1+T
Intensity absorbed	A max	5	5.8
	MPCA	20	30
Air flow in the cellar	m3/h	210	240
External environment temperature	C°	28	28
Outlet Air flow	m3/h	250	320
Net weight	kg	45	47
Body color		Black	Black
Refrigerant		R290	R290

PRICES - Monobloc MPCA AIR BLOWING UP

GENESIS	<i>Product code</i>	MPCA20 CC GN U	MPCA30 CC GN U
GENESIS 2 temp. version	<i>Product code</i>	MPCA20 CC GN U 2T	MPCA30 CC GN U 2T
VINTAGE	<i>Product code</i>	MPCA20 CC VT U	MPCA30 CC VT U
VINTAGE 2 temp. version	<i>Product code</i>	MPCA20 CC VT U 2T	MPCA30 CC VT U 2T

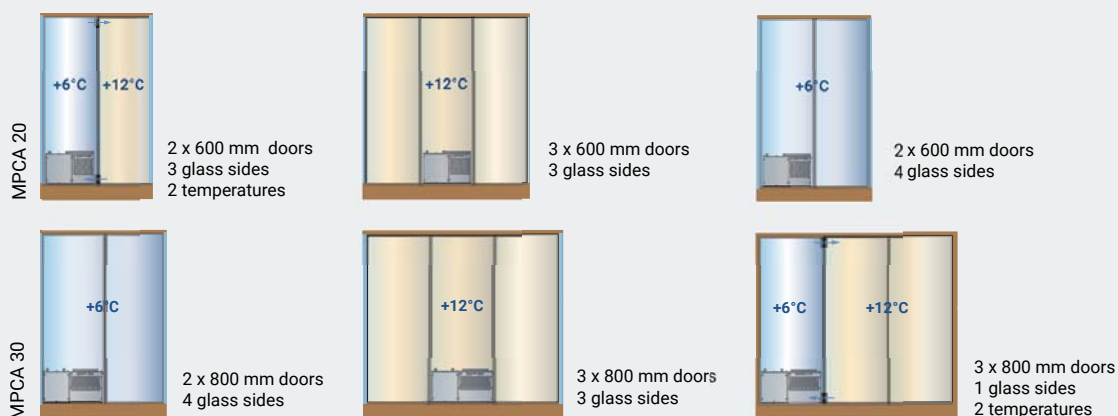
PRICES - Monobloc MPCA AIR BLOWING DOWN

GENESIS	<i>Product code</i>	MPCA20 CC GN D	MPCA30 CC GN D
GENESIS 2 temp. version	<i>Product code</i>	MPCA20 CC GN D 2T	MPCA30 CC GN D 2T
VINTAGE	<i>Product code</i>	MPCA20 CC VT D	MPCA30 CC VT D
VINTAGE 2 temp. version	<i>Product code</i>	MPCA20 CC VT D 2T	MPCA30 CC VT D 2T

Accessories

Code	Description	Infos	Compatibility	
			Genesis	Vintage
KLPWSECU	Secure connection kit for humidifier	p53		X
KLPR20	20m extension kit for humidifier	p53		X
KB2T	MPCA Bi-Temperature ventilation kit	p54	X	X
KRH-MPCA20-U	MPCA 20 UP extension kit for rear air intake	p54	X	X
KRH-MPCA30-U	MPCA 30 UP extension kit for rear air intake	p54	X	X
PR60010256	ABS Duct 90° Horizontal Bend (60x200)	p55	X	X
PR60010257	ABS Duct 1m length (60x200)	p55	X	X
PR60010261	ABS Duct Flange (60x200)	p55	X	X
PR60010263	ABS Duct 90° Vertical Bend (60x200)	p55	X	X
KWSP-I	WineSupervisor I Kit - Modbus version	p55	X	X
KWSP-III	WineSupervisor III - Kit Connected version	p55	X	X

Custom cabinet configurations





YOUR RETAILER

EN-DC-FRIAX-0521-V2 - Non Contractual