FABRICANT EUROFOURS®

SPEC SHEET

Prover chamber - Range A, B, C, D, E CE

WARNINGS

1. General points

You have just acquired an appliance from us and we would like to thank you for placing your trust in us.

The purchase of this equipment constitutes acceptance of our general terms and conditions of sale.

This document has been written for the exclusive attention of the buyer.
The data in it is strictly confidential and must not be disclosed to third party under any circumstances.
Any transmission, communication of its contents or reproduction (even partial) of this document is prohibited unless authorised in writing by the manufacturer.
Any infringement shall give rise to claims for damages before the courts.

This notice is an integral part of the product and we recommend that you keep it near the machine so that you can read it easily and quickly.

This document was first written in French (ORIGINAL MANUAL) then translated into English.
If you have any doubts about the accuracy of the translation, please refer to the original French document which supersedes all other documents.

Please follow the advice contained in this documentation so that you are fully satisfied.

The manufacturer cannot guarantee the technical & legal predisposition of the installation room and support services used for the equipment, although it provides all the instructions for correct installation in the special section of this manual.

In this respect, we advise users to consult a professional technician with experience in the field to ensure compliance with the law or any local regulations.

Our company cannot be held responsible under any circumstances for the loss of goods or operating losses due to any kind of malfunctioning particularly in the event of incorrect and careless use such as, for example:

- Improper use not in accordance with these instructions by an untrained member of staff.
- Unapproved modifications or work.
- Use of non-original spare parts or parts not specific to the model.
- Non-compliance, even partial, of maintenance or adjustment work.

These losses can be covered by insurance cover taken out the user and his insurance provider.

Any installation and / or use which is at variance with our recommendations will automatically void the manufacture’s warranty.

Our equipment has been designed and manufactured with care. We hope you are 100% happy with it and are here for you if you require any information.

The machine has been designed for the food industry (baked goods, pastries and Viennese pastries) and must be operated in accordance with the manufacturer's instructions.

This machine is designed for professional use and thererefore must be installed in a work space which is NOT ACCESSIBLE TO THE PUBLIC for obvious safety reasons.

Any other use will be considered improper and therefore careless.

2. Technical warnings

Improper installation or adjustments to the settings, usage or maintenance can cause material damage, injury or death. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

The equipment must be installed by a qualified and authorised technician.
Before starting the installation of the equipment, the technician must check that the various site connections (electrics, water supply and drains to sewers) are completed and in accordance with the technical specifications of the equipment and the laws in force.

There are no user-serviceable parts inside.
Repairs must be performed by specialised service personnel only.

For your safety : Do not store or use fuel or any other flammable gases or liquids near this or any other appliance.

For continued protection against fire and electric shock, replace a defective fuse with the same type and rating fuse.

Fuses are supplementary overcurrent-protective devices and are not intended to be serviced when live.
Disconnect the power supply before servicing.

The stainless steel surfaces are delivered with a plastic film to protect them from scratches. Before commissioning, do not forget to remove the plastic film.

⚠ This installation contains fluorinated greenhouse gases covered by the Kyoto Protocol.
European regulations on the protection of the ozone layer and the fight against the greenhouse effect requires from all companies whose staff conducts refrigerant handling operations to have a CERTIFICATE OF ABILITY issued for 5 years by a organization approved by the Ministry of Ecology.

BEFORE UNDERTAKING ANY WORK ON THE EQUIPMENT

⚠ Before undertaking any work on electrical parts, disconnect the supply to the appliance at the external disconnecting switch.
Beware of residual voltage.

To disconnect the appliance from the electric plug, never pull the wire.

⚠ Do not touch the appliance :
- With any wet or damp body parts.
- If you are barefoot.

⚠ Do not touch the refrigerant pipes with bare hands during operation. The refrigerant pipes are hot or cold depending on the condition of the flowing refrigerant. If you touch the pipes, burns or frostbite may result.

ⓘ All work on the equipment must be done by a qualified and approved professional.
In the event of false alarm in the safety system, you must contact your supplier.

INSTALLATION

This machine is designed for professional use and thererefore must be installed in a work space which is NOT ACCESSIBLE TO THE PUBLIC for obvious safety reasons.

Before the installation, make sure that :

The equipment must be set up on a flat floor, with a sufficient safety allowable load (The maximum allowable slope is 5 mm/m).

The equipment shouldn't be in touch with any wall. Keep at least 10 mm to avoid condensation problems.

The room lay-out and the ventilation must comply with the legal standards.

The wall clearance at rear of the machine is at least 100 mm.

Important service area : service access to the technical part must be provided.

An adequate natural airflow must be provided around the equipment.

The appliance must be aerated in an ambient atmosphere below 32°C to ensure its proper operating.

⚠ Electric and hydraulic connections must comply with the applicable regulations and must be done by qualified workers.

1. Power supply

⚠ Each appliance must be individually protected with a system close to the appliance, easily accessible and in conformity with legislation.

Note : the EARTH continuity circuit must be provided between the appliance and its electrical connection.
The customer must install a differential circuit breaker (1 per appliance).
Be sure to ground the appliance. Do not connect the ground wire to gas or water pipes, lightning rods, or telephone grounding lines. If the appliance is not properly grounded, electric shock may result.

The power supply voltage must match the indicated voltage specified on the nameplate.

Connection directly on the terminal block at customer's charge.

2. Water supply

⚠ Appliances connected to drinking water supply must be equipped with means of protection against return to the drinking water circuit, and installed according to the national regulations in force.

Valve Ø 3/4" to 1 m above the floor, close to the equipment and easily accessible.
Water pressure : 3 bars mini - 5 bars maxi
At the output of this valve, pipes and connection need to be prepared.

Appliance supplied with a 2 m flexible stainless steel hose for water supply.

ⓘ In case the water analysis results are critical, it is highly recommended to apply water treatment in order to avoid scaling problems.

⚠ If your water does not meet the quality criteria indicated in the section «Water quality», it may cause a malfunction even the degradation of the appliance. Non complying with our requirements may result in voiding the warranty.

3. Safety thermostat

1 not adjustable safety thermostat located above the chamber.

4. Condensation Drain

Condensation Drain Ø 32mm to drill on the rear or side panel during the installation (length of drain tube supplied : 4 m). Condensate draining to the sewer by a tube Ø 40mm minimum or a channel in the floor of 100x100 mm.

Water coming from a condensation process is not drinkable because it is devoid of minerals and may contain bacteria. It is therefore unfit for human or animal consumption.

5. Panels

Injected sandwich panels in galvanised metal plate, white lacquered (stainless steel possible in option).
Panels thickness : 68 mm.
Inside and outside cladding scheduled for an easy cleaning and to resist to blows and scratches.

6. Hot air

Air diffusion by fans.
Maximum temperature : 35°C (95°F).
Normal using temperature: from 17 to 25°C (63°F to 77°F). This temperature has an influence on the finished product quality.

7. Hygrometry

Control panel eDrive : Hygrometry controlled by probe.
Thermoregulator with digital display : Hygrostat adjustable from 30 to 100%.

8. Refrigeration unit

The refrigeration unit is cooled by air and use R452A as gas.

Cooling couplings :
- 1/2 - 3/8 for the models : 1A - 2A - 1B
- 7/8 - 1/2 for the models : 6C - 6D
- 5/8 - 3/8 for all others models

If the refrigeration unit is located remotely, it must be more powerful and pipes must be adapted accordingly (look at the paragraph : Remote refrigeration unit).
In the case of a remote refrigeration unit, the specialist technician responsible for the refrigeration system will have to charge the refrigerant into the circuit according to the distance of the unit (the refrigeration unit is then delivered empty).

From factory, the refrigeration unit is loaded with R452A as gas and the entire refrigerant line is set to operate with this gas.
However, the unit remains compatible with R404A but under two conditions :
- modifying of the different settings of the refrigeration line (adjustment for overheating)
- the unit and the entire refrigeration line must be empty (gas mixing is forbidden).
Before any gas change during a service intervention or when filling a remote unit, please contact your distributor to inquire about the procedure to be followed. Any change of gas during an intervention must be clearly identified on the machine (label) and the maintenance booklet must imperativeley stipulate this change of gas.

WATER QUALITY

Although if clean and safe for consumption, the water supplied can have a bad taste (caused by the chlorine), be corrosive or cause calcareous deposits.

After analysis, when the water characteristics reach critical levels, it is imperative to install a water treatment system upstream to increase the life duration of your equipment.

Depending on the concentrations of chloride, carbonate and the pH value, it may also be necessary to treat water to reduce the corrosion risks.

A system of water treatment is strongly recommended in the following cases :

- if the water hardness is greater than or equal to 15°f : Hard water. It is a calcareous water that generates a very important scale deposit especially in hot condition (60°C).
- if it is a very soft water (TH<9°f) and a pH more than or equal to 7 : Corrosive water termed aggressive. Aggressive water involves the metal rustThe soft water corrosiveness is increased when its pH is acidic.
- if the pH is less than 6,8 or more than 7,5
- for high concentrations of chlorides or nitrates.

Depending on water analysis results , various solutions are possible : neutralizing filters , water softener, activated carbon filters, ... A water treatment specialist will be able to propose you a solution in compliance with your installation and based on the water analysis results.

Once the treatment system installed, check its effectiveness through further analysis of the water.

The regular system maintenance as per the manufacturer's recommendations is imperative to maintain permanently a water quality suitable with the equipment.

The sediments presence in water is another factor to take into consideration. In such a case, a mud filter has to be added to the system.

If your water does not meet these quality criteria it may cause a malfunction even the degradation of the appliance. Non complying with the above mentioned requirements may result in voiding the warranty.

N.B : The water hardness is its calcium and magnesium content. The hydrotimetric title (TH) is measured in French degrees (°f): 1°f = 4 mg of calcium + 2.4 mg of magnesium per liter.

APPLIANCE CHARACTERISTICS

The chamber is composed as follows :

- Injected sandwich panels in galvanised metal plate, white lacquered (stainless steel possible in option)
- A door
- 1 Water solenoid valve
- 1 Safety thermostat (not adjustable)
- --- Evaporators (according to the chamber dimensions)
- 1 Refrigeration unit
- A touchscreen control panel (Hygrometry controlled by probe)

Control of the following functions :

Preblocking
Blocking
Proving
End of Proving
Holding
Lighting (option)
9 possible registered programs :

- 1 program «Direct cold»
- 1 program «Direct proving»
- 7 adaptable programs

Options :

- Lighting
- Remote refrigeration unit
- Tropicalized unit
- Double door (Not possible on some models. Consult us)
- A control panel constituted by 3 controllers with digital displays + An hygrostat adjustable from 30 to 100%

Proving
Timer
Blocking
Switch (3 positions)

\+

Hygrostat (option)

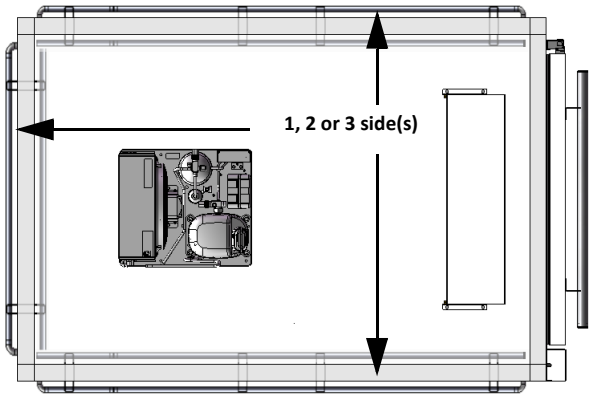
- Electrical protection :

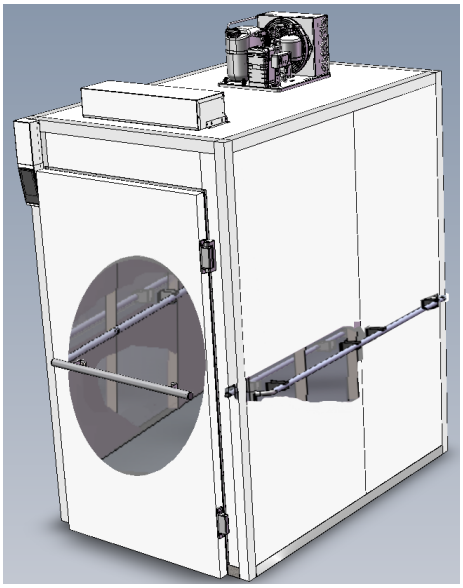
  --> CHF-PROTELECM (~1x230V+N+G)
  --> CHF-PROTELECT (~3x400V+N+G)

Electrical protection : This function is intended to protect the electrical equipment by ensuring a constant voltage regardless of fluctuations in the mains voltage.
The voltage control relay on the power supply line of the regulator trips if the mains voltage is outside the adjustment range for 6 seconds and automatically resets when the line voltage returns to its normal state.

- Reinforced protection : CHF-PROTEXT---

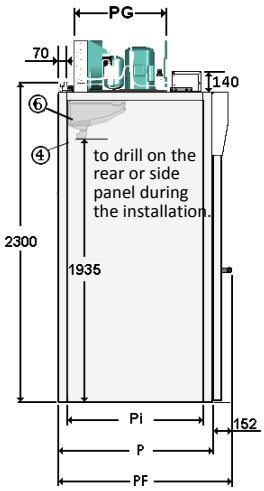
Devices for external panels protection (when ordering, the customer will specify the number of sides to be protected according to the location of the chamber in the premises).

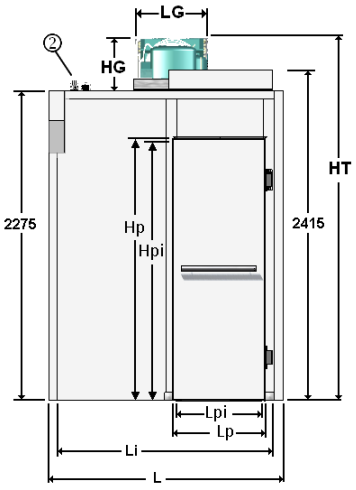




SPEC SHEET

Prover chamber - Range A





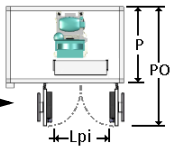
Door :

P1
Hp : 1915
Hpi : 1900
Lp : 680
Lpi : 600

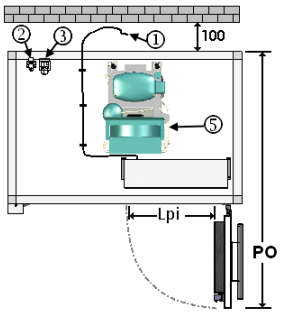
P3
Hp : 2015
Hpi : 2000
Lp : 1060
Lpi : 980

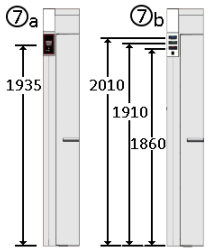
Option : Double door

if Lpi = 1020 : PO=P+619
if Lpi = 1420 : PO=P+819
if Lpi = 1670 : PO=P+944



Not possible on some models. Consult us





① Electric supply (must be connected directly on the terminal block)
② Water solenoid valve Ø3/4M (2m of hose supplied)
③ Safety thermostat
④ Condensation Drain (4m of drain tube supplied)
⑤ Compressor location depends of prover type
⑥ Evaporator
⑦a Touchscreen regulator - E-Drive
⑦b Electro mechanical control panel

⚠ Inlets ① ② and outlets ④ are at customer's charge and have to be in-service the day of installation.

To avoid any scaling problems, it is IMPERATIVE to treat the water if the analysis results are critical.

MODEL	CHF-01A1	CHF-02A1	CHF-02A2	CHF-03A1	CHF-03A2	CHF-04A1	CHF-04A2	CHF-05A1	CHF-06A1	CHF-06A2
	8x10	**12x10**	**8x18**	**16x10**	**8x26**	**20x10**	**12x18**	**12x24**	**12x32**	**16x18**
Number of trolleys :	1	2		3		4		5	6	
Voltage (V) / Frequency (Hz) :	~1x230V+N+G / 50							~3x400V+N+G / 50		
Intensity (A) :	13,4	14,7		23,2	23,5	23,2		19,4	21	
Electrical power (kW) :	3,08	3,38		5,33	5,4	5,33		13,41	14,42	
Heating power (kW) :	2x0,75	2x0,75		2x1,5	4x0,75	2x1,5		4x1,5		
Power of the refrigeration unit (CV) :	1/2	5/8		1				1 1/4	1 1/2	
Cooling capacity of the unit (W)*:	1112	1250		1516				2166	2752	
Sound power (dB(A)) :	70	70		69				76		
Cooling couplings (Ø) :	3/8 - 1/4	1/2 - 3/8		5/8 - 3/8						
Weight of the group (Kg) :	27,6	36		38				44		
Gaz charge R-452A (Kg) :	0,84	1,05		1,26	1,89	1,26		1,575	2,1	

* these cooling capacities are given for an evaporation temperature of -10°C and intake and ambient temperatures of 32°C

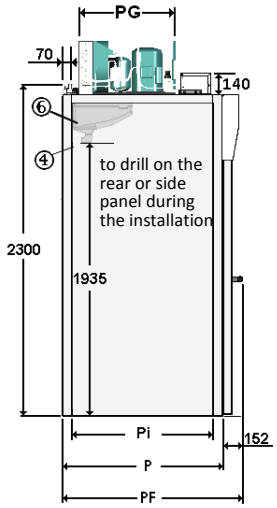
DIMENSIONS mm

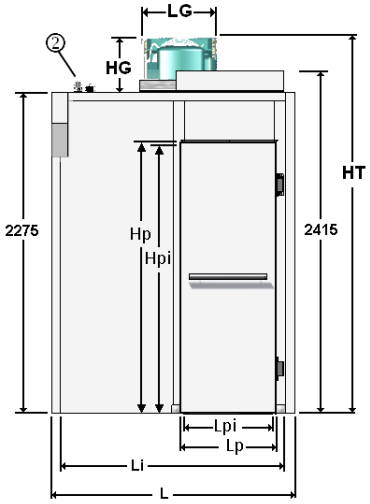
HT :	2613	2615						2720		
L :	920	1320	920	1720	920	2120	1320	1320	1320	1720
P :	1120		1920	1120	2720	1120	1920	2520	3320	1920
Door :	P1	P3	P1				P3			
PO :	1889	2269	2684	1884	3484	1884	3064	3664	4464	3064
PF :	1272	1272	2072	1272	2872	1272	2072	2672	3472	2072
Li :	620	1000	620	1450	620	1900	1000			1400
Pi :	950		1750	850	2550	850	1700	2350	3150	1700
PG :	496	485		490				607		
LG :	433	430		430				512		
HG :	338	340		340				445		
Unit centre-to-centre fixing distance :	310x385	310x385		310x385				326x190		

R452A is a Fluorinated Greenhouse gas, covered by the Kyoto Protocol, with a Global Warming Potential (GWP) = 2141.

SPEC SHEET

Prover chamber - Range B



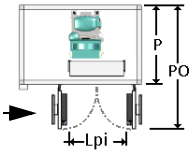


Door :

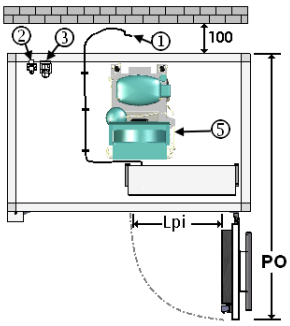
P2	Hp : 2015 Hpi : 2000 Lp : 860 Lpi : 780
P3	Hp : 2015 Hpi : 2000 Lp : 1060 Lpi : 980

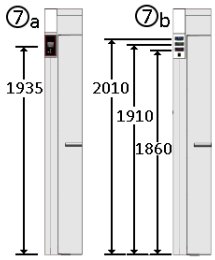
Option : Double door

if Lpi = 1020 : PO=P+619
if Lpi = 1420 : PO=P+819
if Lpi = 1670 : PO=P+944



Not possible on some models. Consult us





① Electric supply (must be connected directly on the terminal block)
② Water solenoid valve Ø3/4M (2m of hose supplied)
③ Safety thermostat
④ Condensation Drain (4m of drain tube supplied)
⑤ Compressor location depends of prover type
⑥ Evaporator
⑦a Touchscreen regulator - E-Drive
⑦b Electro mechanical control panel

⚠ Inlets ① ② and outlets ④ are at customer's charge and have to be in-service the day of installation.

To avoid any scaling problems, it is IMPERATIVE to treat the water if the analysis results are critical.

MODEL	CHF-01B1	CHF-02B1	CHF-02B2	CHF-03B1	CHF-03B2	CHF-04B1	CHF-04B2	CHF-04B3	CHF-05B1	CHF-05B2	CHF-06B1	CHF06B2	CHF-06B3
	10x10	**16x10**	**10x18**	**24x10**	**10x26**	**32x10**	**10x36**	**16x18**	**12x36**	**10x44**	**12x44**	**10x50**	**24x18**
Number of trolleys :	1	2		3		4			5		6		
Voltage (V) / Frequency (Hz) :	~1x230V+N+G / 50					~3x400V+N+G / 50							
Intensity (A) :	14,7	18,6		25,4		13,3			20,8				
Electrical power (kW) :	3,38	4,28		5,84		9,24			14,4		12,7		
Heating power (kW) :	2x0,75	2		2x1,5		4x0,75			4x1,5				
Power of the refrigeration unit (CV) :	5/8	1		1 1/8		1 1/2					2		
Cooling capacity of the unit (W)*:	1250	1516		1758		2752					3009		
Sound power (dB(A)) :	70	69		69		76					77		
Cooling couplings (Ø) :	1/2-3/8	5/8 - 3/8											
Weight of the group (Kg) :	36	38		41		44					53		
Gaz charge R-452A (Kg) :	1,05	1,26				1,89			2,1				

* these cooling capacities are given for an evaporation temperature of -10°C and intake and ambient temperatures of 32°C

DIMENSIONS mm

HT :	2615					2720					2721		
L :	1120	1720	1120	2520	1120	3320	1120	1720	1320	1120	1320	1120	2520
P :	1120	1120	1920	1120	2720	1120	3720	1920	3720	4520	4520	5120	1920
Door :	P2	P3	P2	P3	P2	P3	P2	P3		P2	P3	P2	P3
PO :	2064	2264	2864	2964	3664	2264	4664	3064	4864	5464	5464	6264	3064
PF :	1272		2072	1272	2872	1272	3872	2072	3872	4672	4672	5272	2072
Li :	800	1450	800	2250	800	3050	800	1400	1000	800	1000	800	2200
Pi :	950	850	1750	850	2550	850	3550	1700	3550	4350	4350	4950	1700
PG :	485	490				607					615		
LG :	430	430				512					512		
HG :	340	340				445					446		
Unit centre-to-centre fixing distance :	310x385	310x385				326x190					430x190		

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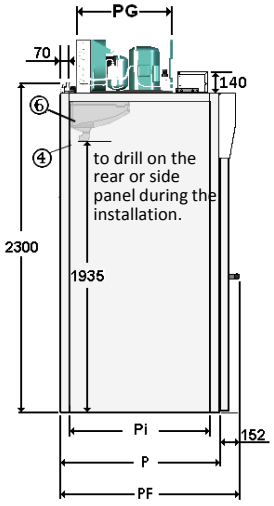
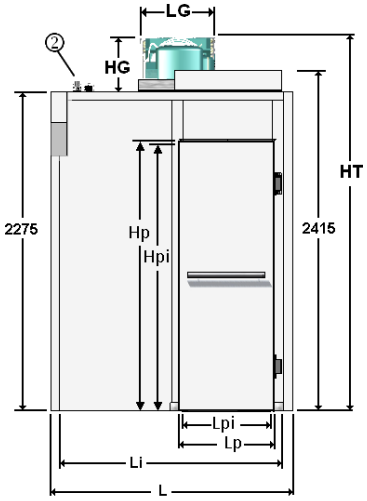
SPEC SHEET

Prover chamber - Range C

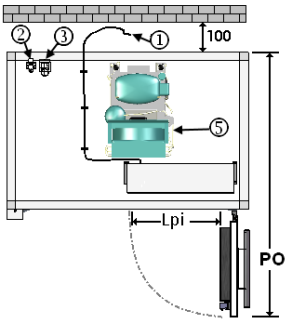




Door :

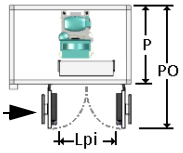
P3

Hp : 2015
Hpi : 2000
Lp : 1060
Lpi : 980

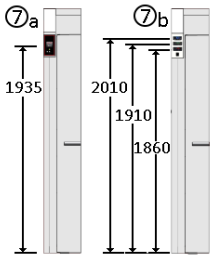


Option : Double door

if Lpi = 1020 : PO=P+619
if Lpi = 1420 : PO=P+819
if Lpi = 1670 : PO=P+944



Not possible on some models. Consult us



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MODEL	CHF-01C1	CHF-02C3	CHF-02C2	CHF-03C3	CHF-03C2	CHF-04C4	CHF-04C2	CHF-04C3	CHF-05C3	CHF-05C4	CHF-06C3	CHF-06C4
	12x12	18x12	12x20	26x12	12x28	34x12	12x40	20x20	12x42	12x52	12x52	28x20
Number of trolleys :	1	2		3		4			5		6	
Voltage (V) / Frequency (Hz) :	~1x230V+N+G / 50	~3x400V+N+G / 50										
Intensity (A) :	21	12,7		13,5		22,9			26,1		27,8	
Electrical power (kW) :	4,8	8,68		9,24		15,46			17,5		18,2	
Heating power (kW) :	2	2x1.5				4x1,5						
Power of the refrigeration unit (CV) :	1 1/8	1 1/4		1 1/2		2			2 1/2		3	
Cooling capacity of the unit (W)*:	1758	2166		2752		3009			4226		5477	
Sound power (dB(A)) :	69	76				77			77		81	
Cooling couplings (Ø) :	5/8 - 3/8								7/8 - 1/2			
Weight of the group (Kg) :	41	44				53			75		89	
Gaz charge R-452A (Kg) :	1,26	1,575				2,1			2,415			

* these cooling capacities are given for an evaporation temperature of -10°C and intake and ambient temperatures of 32°C

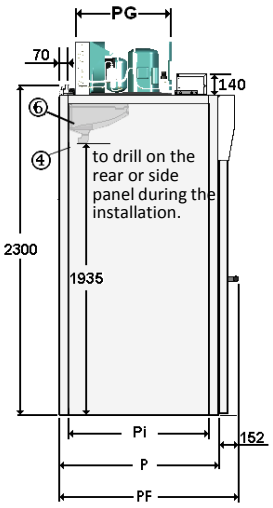
DIMENSIONS mm

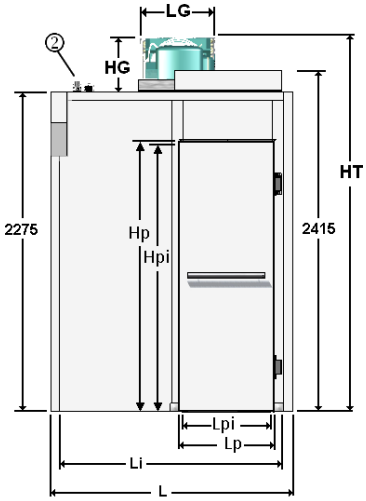
HT :	2615	2720				2721			2744		2840	
L :	1320	1920	1320	2720	1320	3520	1320	2120	1320	1320	1320	2920
P :	1320	1320	2120	1320	2920	1320	4120	2120	4320	5320	5320	2120
Door :	P3											
PO :	2464	2464	3264	2464	4064	2464	5264	3264	5464	6464	6464	3264
PF :	1472		2272	1472	3072	1472	4272	2272	4272	5072	4672	2272
Li :	1000	1650	1000	2450	1000	3250	1000	1800	1000			2600
Pi :	1150	1050	1950	1050	2750	1050	3950	1900	4150	5150		1900
PG :	490	607				615			618		642	
LG :	430	512				512			1002		1002	
HG :	340	445				446			469		469	
Unit centre-to-centre fixing distance :	310x385	326x190				430x190			405x854		405x854	

R452A is a Fluorinated Greenhouse gas, covered by the Kyoto Protocol, with a Global Warming Potential (GWP) = 2141.

SPEC SHEET

Prover chamber - Range D





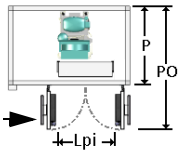
Door :

P2 Hp : 2015 / Hpi : 2000 / Lp : 860 / Lpi : 780

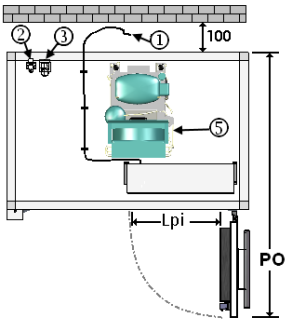
P3 Hp : 2015 / Hpi : 2000 / Lp : 1060 / Lpi : 980

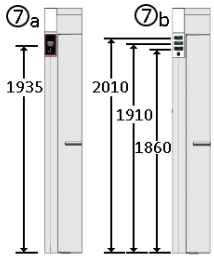
Option : Double door

if Lpi = 1020 : PO=P+619
if Lpi = 1420 : PO=P+819
if Lpi = 1670 : PO=P+944



Not possible on some models. Consult us





① Electric supply (must be connected directly on the terminal block)
② Water solenoid valve Ø3/4M (2m of hose supplied)
③ Safety thermostat
④ Condensation Drain (4m of drain tube supplied)
⑤ Compressor location depends of prover type
⑥ Evaporator
⑦a Touchscreen regulator - E-Drive
⑦b Electro mechanical control panel

⚠ Inlets ① ② and outlets ④ are at customer's charge and have to be in-service the day of installation.

To avoid any scaling problems, it is IMPERATIVE to treat the water if the analysis results are critical.

MODEL	CHF-02D1	CHF-02D2	CHF-03D1	CHF-03D2	CHF-04D1	CHF-04D2	CHF-04D3	CHF-05D1	CHF-05D2	CHF-06D1	CHF06D2	CHF-06D3
	16x10	10x18	24x10	10x26	32x10	10x36	16x18	12x36	10x44	12x44	10x50	24x18
Number of trolleys :	2		3		4			5		6		
Voltage (V) / Frequency (Hz) :	~3x400V+N+G / 50											
Intensity (A) :	12,7		13,5		22,9			26,1		27,8		
Electrical power (kW) :	8,68		9,24		15,46			17,5		18,2		
Heating power (kW) :	2x1.5				4x1,5							
Power of the refrigeration unit (CV) :	1 1/4		1 1/2		2			2 1/2		3		
Cooling capacity of the unit (W)*:	2166		2752		3009			4226		5477		
Sound power (dB(A)) :	76				77			77		81		
Cooling couplings (Ø) :	5/8 - 3/8							7/8 - 1/2				
Weight of the group (Kg) :	44				53			75		89		
Gaz charge R-452A (Kg) :	1,575				2,1	2,31		2,415				

* these cooling capacities are given for an evaporation temperature of -10°C and intake and ambient temperatures of 32°C

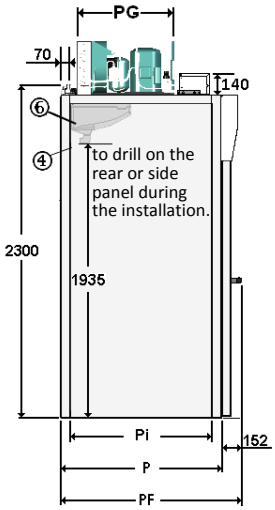
DIMENSIONS mm

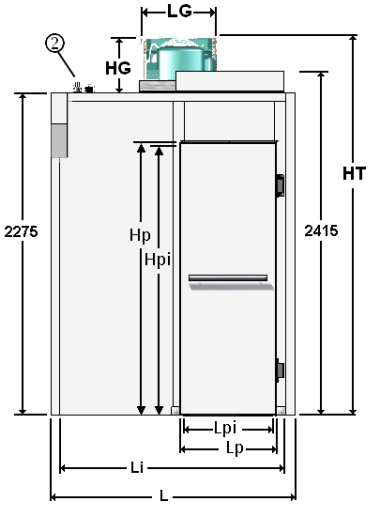
HT :	2720				2721			2744		2840		
L :	1720	1120	2520	1120	3320	1120	1720	1320	1120	1320	1120	2520
P :	1120	1920	1120	2720	1120	3720	1920	3720	4520	4520	5120	1920
Door :	P3	P2	P3	P2	P3	P2	P3		P2	P3	P2	P3
PO :	2264	2864	2964	3664	2264	4664	3064	4864	5464	5464	6264	3064
PF :	1272	2072	1272	2872	1272	3872	2072	3872	4672	4672	5272	2072
Li :	1450	800	2250	800	3050	800	1400	1000	800	1000	800	2200
Pi :	850	1750	850	2550	850	3550	1700	3550	4350	4350	4950	1700
PG :	607				615			618		642		
LG :	512				512			1002		1002		
HG :	445				446			469		469		
Unit centre-to-centre fixing distance :	326x190				430x190			405x854		405x854		

R452A is a Fluorinated Greenhouse gas, covered by the Kyoto Protocol, with a Global Warming Potential (GWP) = 2141.

SPEC SHEET

Prover chamber - Range E





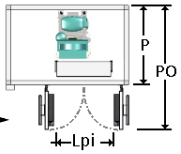
Door :

P1
Hp : 1915
Hpi : 1900
Lp : 680
Lpi : 600

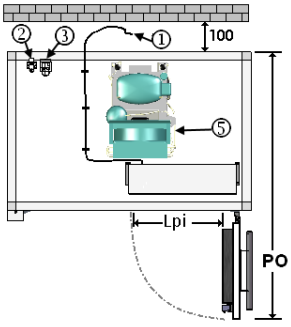
P2
Hp : 2015
Hpi : 2000
Lp : 860
Lpi : 780

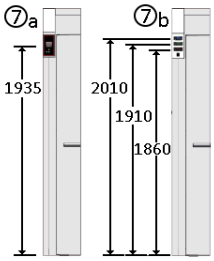
P3
Hp : 2015
Hpi : 2000
Lp : 1060
Lpi : 980

Option : Double door
if Lpi = 1020 : PO=P+619
if Lpi = 1420 : PO=P+819
if Lpi = 1670 : PO=P+944



Not possible on some models. Consult us





① Electric supply (must be connected directly on the terminal block)
② Water solenoid valve Ø3/4M (2m of hose supplied)
③ Safety thermostat
④ Condensation Drain (4m of drain tube supplied)
⑤ Compressor location depends of prover type
⑥ Evaporator
⑦a Touchscreen regulator - E-Drive
⑦b Electro mechanical control panel

⚠ Inlets ① ② and outlets ④ are at customer's charge and have to be in-service the day of installation.

To avoid any scaling problems, it is IMPERATIVE to treat the water if the analysis results are critical.

MODEL	CHF-01E1	CHF-01E2	CHF-02E1	CHF-02E2	CHF-02E3	CHF-03E1	CHF-03E2	CHF-03E3	CHF-04E1	CHF-04E2	CHF-04E3	CHF-05E1	CHF05E2	CHF-05E3	CHF-06E1	CHF06E2	CHF-06E3
	8x8	10x8	8x16	10x12	14x10	8x22	10x18	18x10	8x30	10x24	24x10	8x36	10x28	30x10	8x44	10x34	36x10
Number of trolleys :	1		2			3			4			5			6		
Voltage (V) / Frequency (Hz) :	~1x230V+N+G / 50								~3x400V+N+G / 50								
Intensity (A) :	14,7		18,6			25,6			13,5	12,7		15,6		13,3	22,3		
Electrical power (kW) :	3,38		4,28			5,84			9,24	8,69		10,82		9,24	15,46		
Heating power (kW) :	2x0,75		2			2x1,5			4x0,75	2x1,5		2x2		4x0,75	4x1,5		
Power of the refrigeration unit (CV) :	5/8		1			1 1/8			1 1/2	1 1/4		1 1/2			2		
Cooling capacity of the unit (W)*:	1250		1516			1758			2752	2166		2752			3009		
Sound power (dB(A)) :	70		69						76						77		
Cooling couplings (Ø) :	1/2-3/8		5/8 - 3/8														
Weight of the group (Kg) :	36		38			41			44						53		
Gaz charge R-452A (Kg) :	1,05		1,26						1,89	1,575				1,89	2,1		

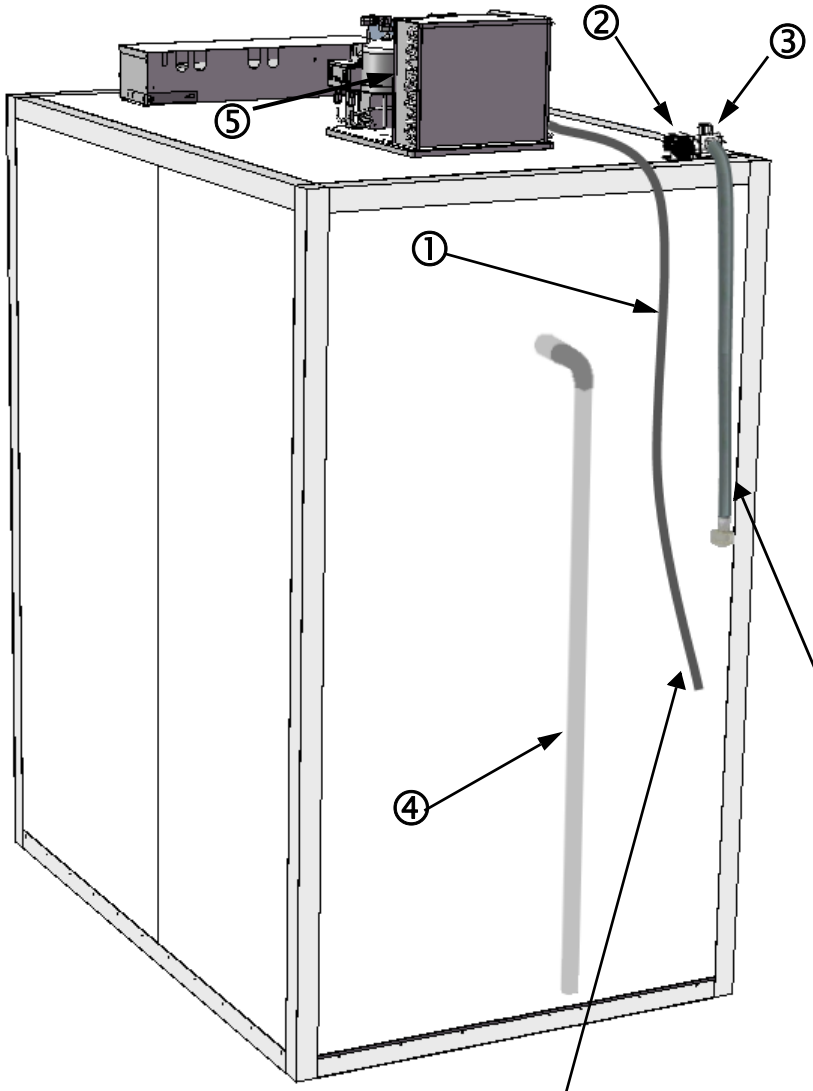
* these cooling capacities are given for an evaporation temperature of -10°C and intake and ambient temperatures of 32°C

DIMENSIONS mm

HT :	2615								2720						2721		
L :	920	1120	920	1120	1520	920	1120	1920	920	1120	2520	920	1120	3120	920	1120	3720
P :	920	920	1720	1320	1120	2320	1920	1120	3120	2520	1120	3720	2920	1120	4520	3520	1120
Door :	P1	P2	P1	P2	P2	P1	P2	P3	P1	P2	P3	P1	P2	P3	P1	P2	P3
PO :	1740	1920	2540	2320	2120	3140	2920	2320	3940	3520	2320	4540	3920	2320	5340	4520	2320
PF :	1072	1072	1872	1472	1272	2472	2072	1272	3272	2672	1272	3872	3072	1272	4672	3672	1272
Li :	620	800	620	800	1250	620	800	1650	620	800	2250	620	800	2850	620	800	3450
Pi :	750	750	1550	1157	867	2150	1750	850	2950	2350	850	3550	2750	850	4350	3350	850
PG :	485		490						607						615		
LG :	430		430						512						512		
HG :	340		340						445						446		
Unit centre-to-centre fixing distance :	385x310		310x385						326x190						430x190		

R452A is a Fluorinated Greenhouse gas, covered by the Kyoto Protocol, with a Global Warming Potential (GWP) = 2141.

REAR VIEW / CONNECTIONS PRINCIPLE



1x2m (15-21 / 20-27)

Supplied with the chamber

① Electric supply

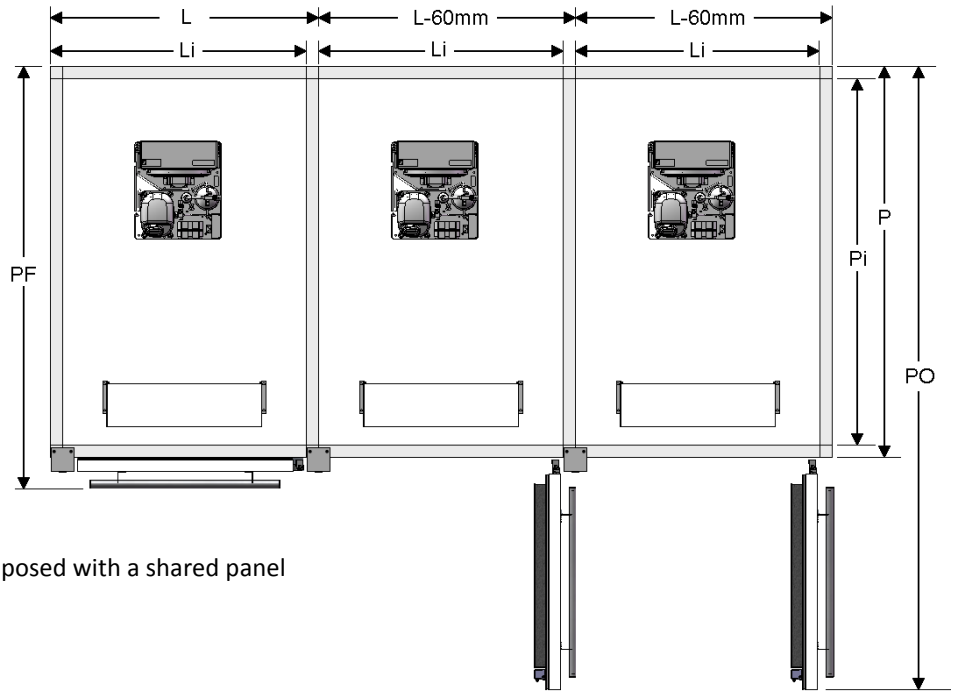
② Safety thermostat

③ Water solenoid valve

④ Condensation Drain

⑤ Refrigeration unit

JUXTAPOSITION OF SEVERAL CHAMBERS



These chambers can be juxtaposed with a shared panel

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