



CoolCellar®

Cold storage solution for housing companies



Is your housing company looking for a cold storage solution?

The **CoolCellar®** product range is a completely new type of **cold storage solution** for housing companies and apartment buildings. CoolCellar® cooling cabinets are suitable for new and renovation projects. CoolCellar® **plug-in** modules can be used to replace the old cold cellar rooms or to design a modern cold cellar solution for new buildings.

The range includes cabinet models with two and six lockers. Each cabinet module is equipped with own cooling cassette machinery on top. The lock type used in resident's individual locker, is defined case by case to meet the needs of the housing company.

With cabinet modules you can build a cabinet complex in the basement that meets the needs of the housing company. Based on the floor plan, we can make a proposal for the implementation.

The two-part structure of the plug-in modules enables the easy delivery of cabinet modules even in cramped spaces. The refrigeration cassette and cabinet body are separate parts - cassette is lifted on top only when cabinets are installed in place. The manufacturer is responsible for the installation.

Benefits

- Energy saving
- Long-lasting solution (fully changeable refrigeration machinery)
- Easy turnkey installation with low costs
- Modernized look of cold cellar
- More versatile use of space
- Enabling home deliveries to a locker



Savings by

- reducing energy consumption in the housing company
- reducing repair and maintenance costs
- cooling only the required amount of cold room for the resident
- renting the required number of cold lockers for the resident to meet the real need
- offering additional cold space, it is possible for the resident to buy more at one time

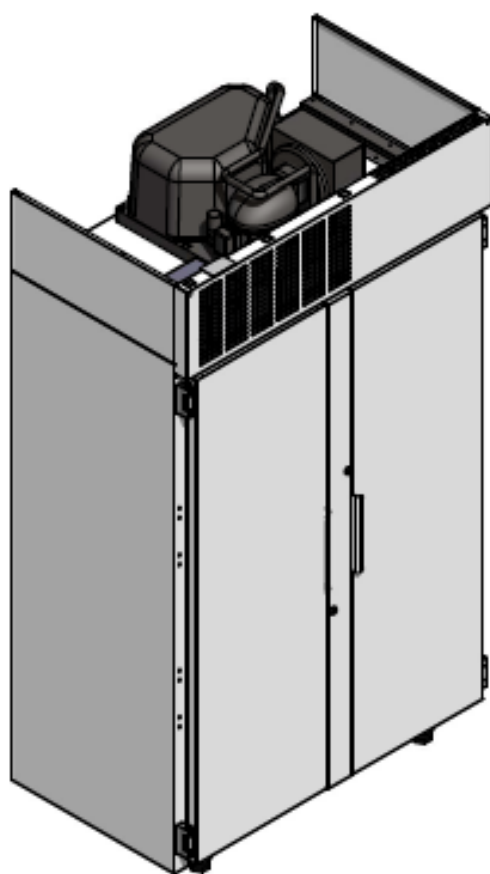
Features

- Lockable, resident-specific cooling locker of 115 or 345 liters
- Easily expandable when needed by increasing the number of cabinets
- Suitable for wall and/or center floor installation
- Each plug-in module is equipped with its own refrigeration unit
- Changeable refrigeration machinery (cooling cassette technology)
- Plug-in connection
- Flexible use (cabinets can be temporarily disabled if not needed)
- Efficient and stable fan-assisted cooling
- Environmentally friendly refrigerant
- Electronic temperature control
- Robust frame construction of stoving-painted steel
- Elegant textured paint
- Surfaces easy to clean
- Numbered lockers
- Abloy CL100 Classic lock as standard in lockers
- Also available with number or electric locks (ask more about options)
- Temperature alarms can be included in the monitoring system
- Possibility to join manufacturer's regular maintenance program

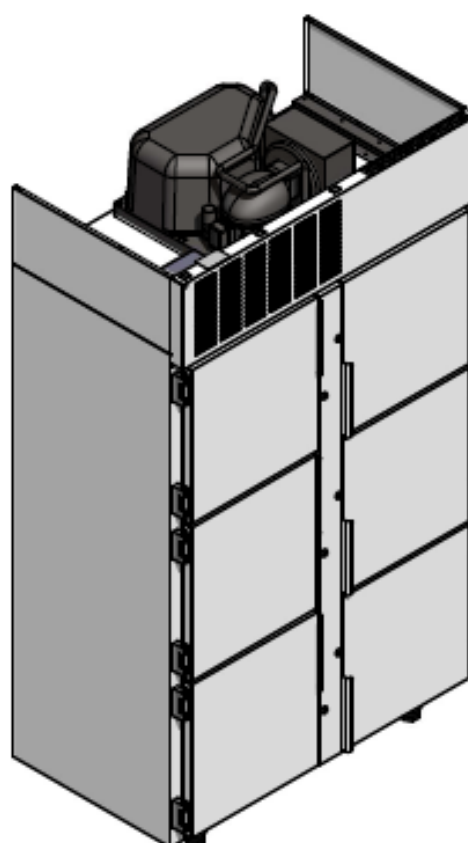
CoolCellar® – cold cellar space solution from Finland

Dimensions of **CoolCellar®** cabinet frame are standard, and it can have two or six lockers.

CoolCellar® 120 2D

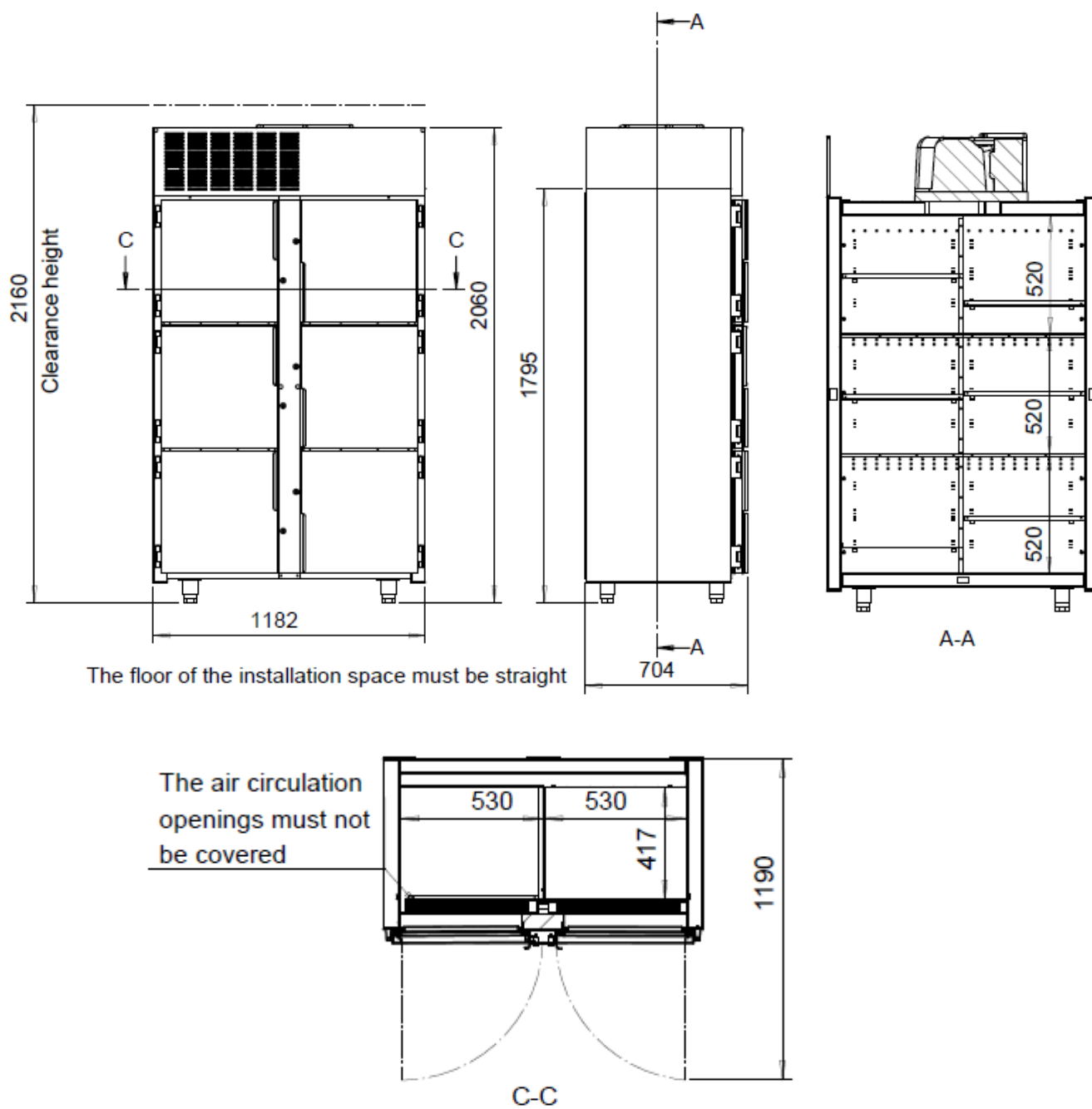


CoolCellar® 120 6D



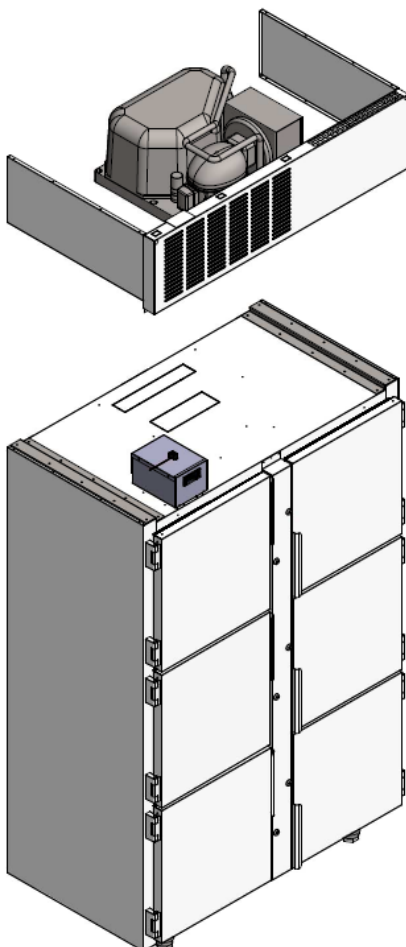
	CoolCellar 120 2D	CoolCellar 120 6D
External dimensions (W x D x H)	1182 x 704 x 2060 mm the required clear installation height 2160 mm	
Number of lockers	2 pcs	6 pcs
Locker dimensions (W x D x H)	530 x 417 x 1560 mm	530 x 417 x 520 mm
Number of shelves per locker	6 shelf levels, 3 of which are height-adjustable	2 shelf levels, one of which is height-adjustable
Locker net capacity	345 l	115 l
Temperature area	+5...-8 °C	
Frame color inner parts	white RAL9003	

Dimensions of cabinet frame



To be considered while installation

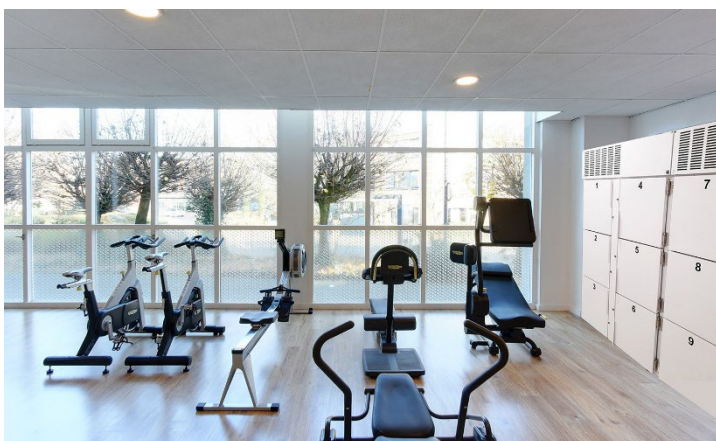
- Manufacturer provides an installation drawing for preparation of the installation site
- If needed, manufacturer reviews the installation site to ensure smooth installation on site.
- Local valid fire safety regulations
- The frame and machinery are transported separately to facilitate hauling. The machinery is attached to the frame only in the installation space.
- Adequate ventilation of the installation space
- Plug-in installation. There must be enough sockets in the installation space.
- The floor of the installation space must be as straight as possible.
- Minimum installation distances: 40mm from the wall, 100mm free ventilation space above
- The air circulation openings in the upper grille must not be covered.
- Automatic defrost water evaporation, no drainage required.



The frame and machinery are hauled separately, which allows the equipment to pass through narrow access routes.

Frame dimensions:
W1182 D704 H1795

CoolCellar® gives a fresh look and new possibilities to utilize housing company's old cold cellar premises.



Locker equipment

Adjustable shelves in lockers.

Maximum number of adjustable shelves:

3 pcs per 115 l locker

9 pcs per 345 l locker



Abloy Classic CL100C locks on doors as standard

2 keys per locker

Numbered doors

Keys are available with a max. of 5 characters



Receiving deliveries in a locker

The cool locker accommodates e.g. commonly used online grocery picking boxes (box size W300 D500 H260mm).

If the doors are equipped with code locks (Eurolocks A151), the resident can give their code to the courier and receive the delivery to the locker regardless of the schedule.



Maintenance and service

- The unit has a long service life.
- The only regular maintenance required is vacuuming the condenser.
- The door seals are easy to replace, which increases the service life of the equipment and the maintenance of energy efficiency.
- The detachable refrigeration unit is easy to maintain or replace with a new one.
- The manufacturer provides a two-year full warranty on the devices it manufactures.
- Maintenance and spare parts are available from manufacturer with short delivery time.



Technical data

External dimensions (W x D x H)	1182 x 704 x 2060 mm	
Locker size (W x D x H)	2D model: 530 x 417 x 1560 mm	
	6D model: 530 x 417 x 520 mm	
Weight net gross	frame 120 kg, machinery 45 kg	
Lock type	Abloy Classic CL100C* as standard * Alternatives: Abloy Easy CL100J, Abloy Protec2 CL100T, Abloy Pulse CLE130, iLOQ C55.50, code lock Eurolocks A151	
Material	frame and interior components made of powder-coated steel	
Input power fuse	336 W (10 A)	
Length of connecting wire	2,5 m	
Voltage	230 V / 50 Hz	
Temperature area	+5...8 °C	
Operating conditions	max +25°C / 60% RH	
Climate class	3	
Refrigerant	R290	
Temperature control	electronic *remote monitoring as accessory (requires internet connection)	
Temperature alert	yes, audible alarm and visual alarm for incorrect temperature	
Defrosting	automatic	
Type of cooling	fan assisted	
Condenser	lamel condenser with fans	
Evaporator	lamel evaporator with fans	
Adjustable legs	4 pcs (adjustment range -12 mm ..+38 mm)	
Self-closing doors	no	
Door handing	doors open from the center outwards	
Doors reversible	no	
Max weight on shelf	40 kg	
Light in locker	no	
Energy consumption	1,7 kWh/24 h	620 kWh / year
Heat load	max 336 W/24 h	
Noise level	48 dB	

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