

PC RANGE

SUPERMARKET MULTIDECK COOLER

User's Manual



PC1250B



PC1870B



EXTRA2500CD

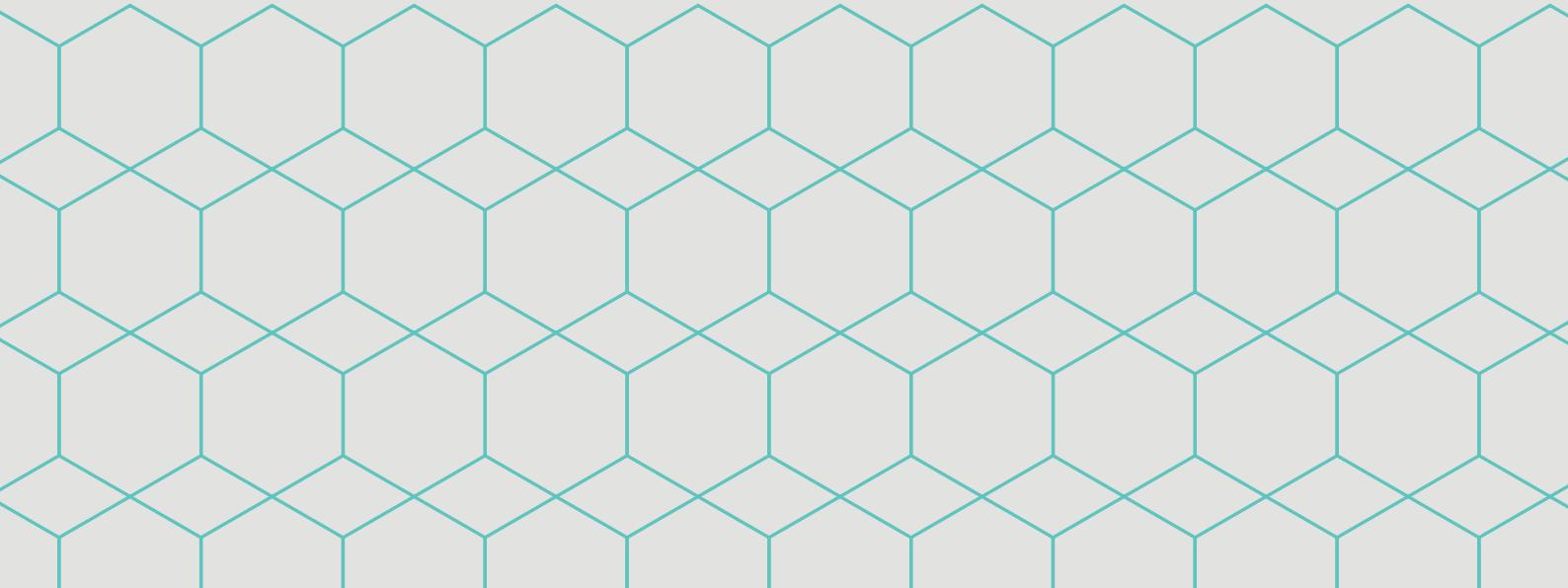


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Description

The PC multideck cooler is engineered for optimal product visibility, featuring frameless glass doors and transparent end walls to maximize line-of-sight. Integrated horizontal LED lighting is positioned both at the top of the cabinet and beneath each shelf to ensure uniform illumination across all display levels.

Shelves are 450 mm deep, fully adjustable, and include a tilting mechanism to enhance product presentation and accessibility. Front risers are included to support product stability.

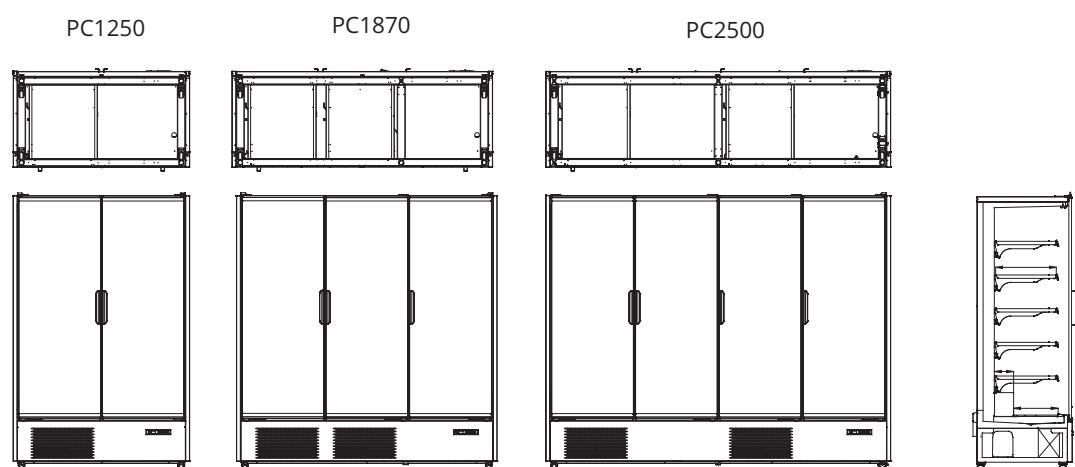
Designed with energy efficiency in mind, the PC cooler offers a spacious interior while maintaining low power consumption. It conforms to temperature class 3M1, making it suitable for the display of temperature-sensitive items such as packaged fresh meat, dairy products, and fresh produce. This makes it particularly well-suited for use in supermarkets, convenience stores, delicatessens, and sandwich shops.

This user's manual covers the three models PC1250B, PC1870B, and EX-TRA2500CD

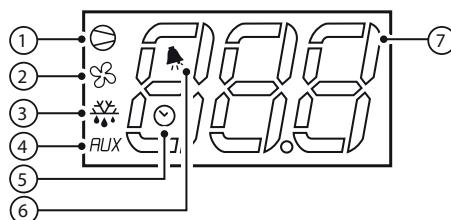
Common Product Features

- Frameless glass doors for great product visibility
- Low energy consumption
- Black interior and exterior
- Adjustable shelves with tilting function
- LED light under each shelf
- Ventilated cooling for fast pull-down and even temperature
- Digital controller and temperature display
- Glass end walls as standard
- Castors and locking feet
- 33 mm ticket strips with shelf risers included

Versions

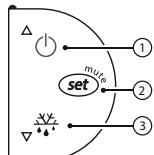


Controller



Button	Function	Normal operation			Start up
		ON	OFF	Flash	
1	Compressor	on	off	call	ON
2	Fan	on	off	call	ON
3	Defrost	on	off	call	ON
4	Aux. output			-	ON
5	Clock (RTC)	RTC available, enabled (tEN=1) and at least one time band has been set	RTC not available or not enabled (tEN=0) or no time band set		ON (if the clock is fitted)
6	Alarm	Alarm in progress	No alarm in progress	-	No alarm in progress
7	Digits	Three digits with decimal point and range -199 to 999. See parameters /4, /5, /6 for the type of probe displayed, values in °C/°F and decimal point			

Keypad Operation



Button	Normal operation		Start up
	pressing the button alone	pressing with other buttons	
1	more than 3 s: switch ON/OFF	pressed together with 3 activates / deactivates the continuous cycle	-
2	1 s: displays/sets the set point - more than 3 s: accesses the parameter setting menu (enter password 22) - mutes the audible alarm (buzzer)	pressed together with 3 activates / deactivates the continuous cycle	for 1s RESET current EZY set
3	more than 3 s: activates / deactivates the defrost	pressed together with 1 activates / deactivates the continuous cycle	for 1 s displays firmware version pressed together (2 and 3) activate parameter reset procedure

Set point

To view and modify the set point:

- press SET for 1s, the set value will start flashing;
- increase or decrease the value using UP or DOWN; (1 or 3 on the keypad)
- Press SET to confirm the new value.

Safety instructions

1. To obtain full use of the cabinet, we recommend reading this instruction manual.
2. It is the user's responsibility to operate the appliance according to these instructions.
3. Contact your dealer immediately in case of any malfunctions.
4. Place the cabinet in a dry and ventilated place.
5. Keep the cabinet away from heat-emitting sources and do not expose it to direct sunlight.
6. Note: all electrical devices are sources of potential danger.
7. Do not store inflammable material such as paint thinner, gasoline etc. in the cabinet.
8. We declare that neither asbestos nor any CFC is used in this product.
9. The oil in the compressor does not contain PCB.

This product contains refrigerant, type R290.

The amount of refrigerant is indicated on the nameplate.

R290 is a natural, efficient and internationally approved refrigerant.

It does not affect the ozone layer and barely contributes to the greenhouse effect.

R290 is flammable, however, so avoid any contact with open fire.

The flammable refrigerant, requires you to have ensure good ventilation around the appliance. Do not use mechanical devices when defrosting, as this can cause the cooling system to leak. Do not use electrical appliances inside the refrigerated storage compartment.

The machine part of the cooler can contain sharp, moving and hot components. Repairs should only be carried out by a skilled technician who is familiar with the product.



(EN 60335-2-89: 2010).

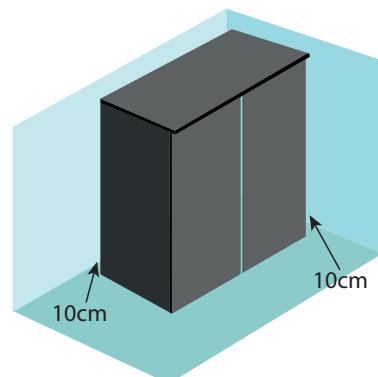
Unpacking and installation

Remove the wooden pallet and all packing material.

The cabinet must be placed level.

Leave at least 10 cm of free space around the cabinet (wall or other cabinets) for proper ventilation.

To allow the refrigerant to properly settle within the system, let the cabinet sit for a couple of hours after moving it.



Electrical connection

Check the cable and plug for damage before use.

Only connect the product to a fused and properly earthed socket.

Voltage: 230 Volt – 16A – 50Hz.

Start-up the cabinet

Before use, make sure that electrical connections are dry and intact.

We also recommend cleaning the cabinet prior to first use.

See the section on maintenance and cleaning.

Temperature settings

Extended shelf life: Correct temperature (0-5°C) significantly extends food shelf life, reducing spoilage in a commercial refrigerator.

Preserved quality: Optimal temperature maintains food taste, texture, and nutrition, minimizing discards due to quality loss.

Minimized risk of food poisoning: Proper low temperature inhibits harmful bacteria growth, ensuring food safety and reducing related waste.

Efficient energy consumption: Correct temperature ensures efficient refrigerator operation.

Maintenance and cleaning

Clean the product with a soft cloth Use lukewarm water with mild soap.

Do not use aggressive cleaning materials, such as scouring pads, abrasives or chlorine. **Do not** use water at or near electrical components.

Clean the condenser and the compressor compartment using a vacuum cleaner and a brush at least four times a year.

If this cleaning is not carried out it will reduce the efficiency of the cooler significantly.

The condenser is the black grate located behind the machine door.

The door is equipped with a magnetic seal and is easy to open/close.

Service

The cooling system is a hermetically sealed system that does not require frequent service inspections.

If the cabinet fails to cool, check if the reason is a power cut.

Product label

The product label is usually found in or on the back of the cooler.

The serial number indicates the production date. See arrow to the right.

In this example the production date is: Feb. 2nd, 2023

Tefcold carries the necessary spare parts at least 8 years after production date.

TEFCOLD®		RoHS	WEEE	CE
Industrivej 25, DK-8800 Viborg, Denmark				
MODEL: DB106H		BACKBAR COOLER		
CLIMATIC CLASS	4	VOLTAGE(V)	220-240	
NET.VOL(L)	92	CURRENT(A)	0.6	
R-600a(g.)	46	FREQ.(HZ.)	50	
LAMP POWER(W)	1.3	GWP	3	
Manufacture name: Tefcold A/S				
Manufacture address: Industrivej 25, DK-8800 Viborg				
Serial no.:				
 (01)06708181713980(11)230214(21)0031				

Sample
product label

Production date

Trouble shooting

SYMPTOMS	POSSIBLE CAUSE	SOLUTION
The unit is not operating as expected	Faulty electrical contact	Verify electrical connections
	Poor electrical power	Check the power connection and electrical outlet
	Thermostat setting "0" Unit is exposed to direct sun light	Change the thermostat setting to a higher value Relocate the unit to a shaded area
	Thermostat is not properly adjusted	Adjust the thermostat setting to a higher value
	Clogged condenser	Review maintenance instructions listed in the manual
	Blocked grate	Clean the grate
	Door not properly closed	Check the leveling of the unit and door seal
	Products poorly distributed or excess product load	Redistribute the product load according to Start instructions
	For Models with electronic temperature controller, indicates E0 or E1	Unplug the unit from the outlet. If the error continues, contact an authorized service technician
	The unit is not properly level	Level the unit according to the Installation instructions
Friction with other objects	Friction with other objects	Move the unit and avoid contact with other objects
	Drain hose is outside of the drain pan	Place the hose in the drain pan

Disposal

The use of the symbol indicates that this product may not be treated as household waste.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

Please recycle this product in accordance with applicable local regulation.

