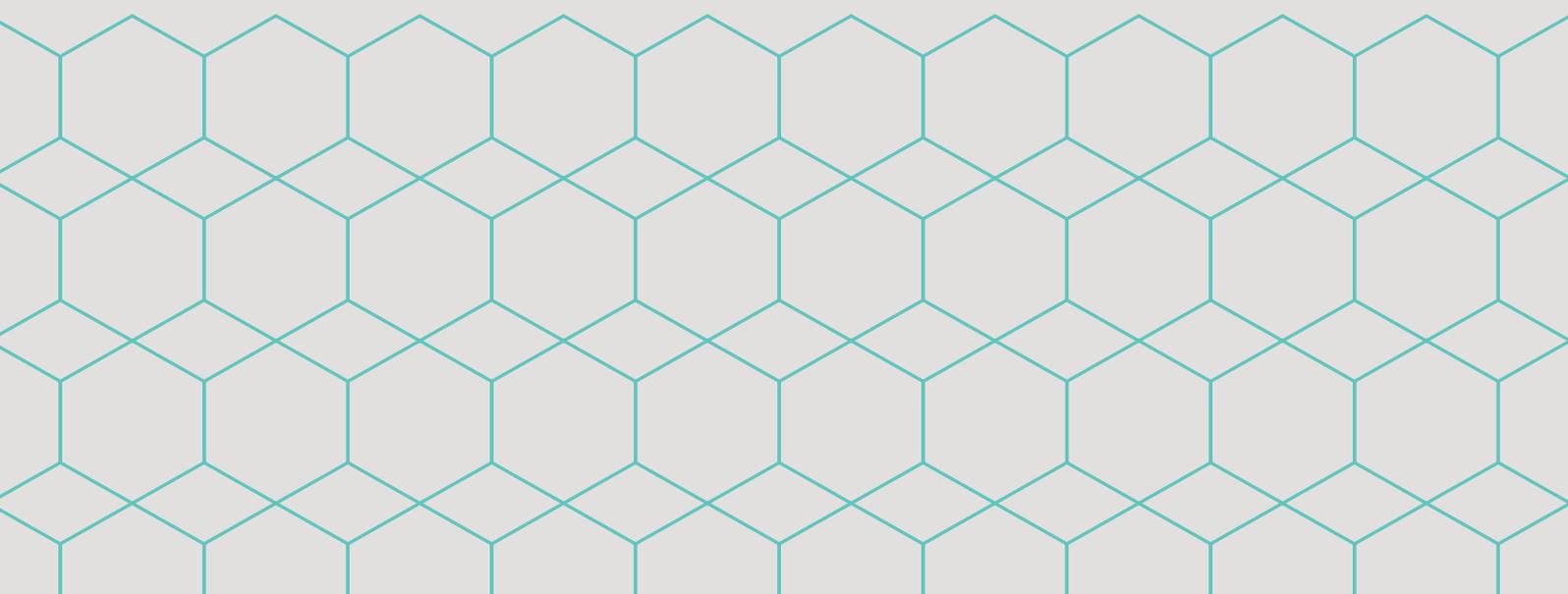
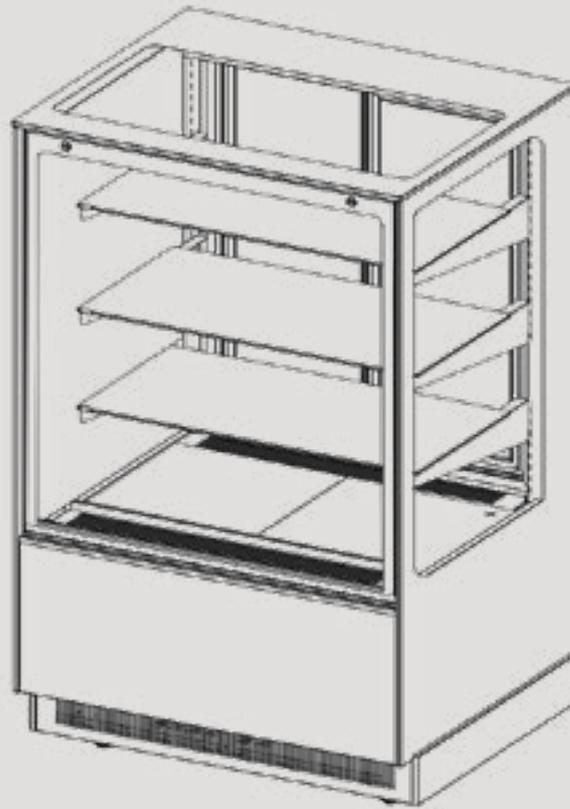


PDA3 CTF

DISPLAY COUNTERS

User's Manual



Introduction



Thank you for purchasing a Tefcold product.

Leveraging over 35 years of expertise, TEFCOLD delivers reliable commercial cooling and freezing solutions designed to drive profitability for our customers across diverse food and beverage sectors.

As a market leader, we create tangible value by understanding our clients' needs and applying our extensive industry experience.

Our substantial inventory of over 70,000 units, coupled with efficient logistics, ensures rapid and accurate delivery, supporting businesses of any scale.

Beyond product excellence, TEFCOLD provides expert consultation and personalized service, fueled by our deep passion for refrigeration, freezing, and ultimately, our customers' commercial success.

Founded in Viborg in 1987 by Torben and Frede Christensen, TEFCOLD is your trusted partner for maximizing chilled and frozen sales.

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Description



Introducing the PDA: our high-quality range of refrigerated display counters.

These counters are built with premium materials and feature an efficient ventilated cooling system to keep food, pastries, and cakes fresh. Key design elements include an anti-mist front and double-glazed glass, which work together to reduce energy consumption and lower running costs.

The display is enhanced by LED lights under the frosted glass shelves, making your products shine. With easy-access sliding doors at the rear for effortless loading and serving, the PDA is a smart choice.

The PDA is available in different sizes.

Key Product Features

- Stainless steel and gloss black glass frame
- LED light under each shelf
- Adjustable shelves (one step)
- Rear glass sliding doors
- Adjustable feet and castors
- Flat top/glass top
- Double glazed glass
- Anti mist front glass

Safety instructions

1. To obtain full use of the cabinet, you must read this user's 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.

NOTE:

The machine part of the cooler can contain sharp, moving and hot components.

Refrigerant



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.

(IEC 60335-2-89:2022+A11:2022).

Defrosting

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.

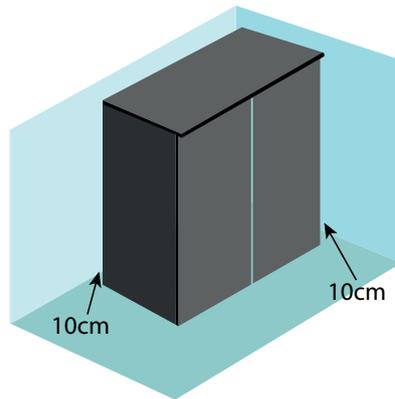
Advice for use.

Arrange products in the cooler or freezer with ample space between them for efficient air circulation.

Unpacking and installation

Remove the wooden pallet and all packing material.
To ensure correct function it is important that the cabinet is level.

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



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 display counter

Before use, we recommend that the cabinet is cleaned, see the section on maintenance and cleaning.

Maintenance and cleaning

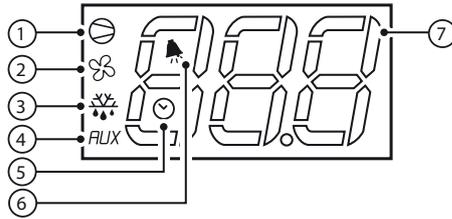
Clean the product with a soft cloth Use lukewarm water with mild soap.
Do not use aggressive cleaning materials, such as scouring pads, abrasives or chlorine. **Do not** use water at or near electrical components.
Do not use organic solvents.

Clean the condenser every week with a vacuum cleaner or soft brush.
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

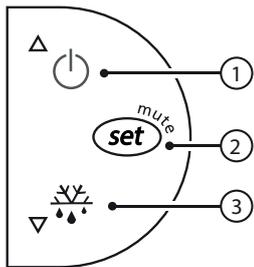
Repairs should only be carried out by a skilled technician who is familiar with the product.

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)	-	for 1 s RESET current EZY set	pressed together (2 and 3) activate parameter reset procedure
3	more than 3 s: activates / deactivates the defrost	pressed together with 1 activates / deactivates the continuous cycle	for 1 s displays firmware version	

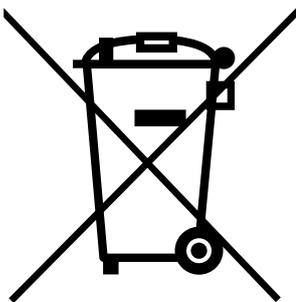
Alarm list

Message	Cause	Outputs
"P1"	Room probe failure	Compressor output according to "Cy" and "Cn"
"P2"	Evaporator probe failure	Defrost end is timed
"HA"	Maximum temperature alarm	Outputs unchanged
"LA"	Minimum temperature alarm	Outputs unchanged
"EA"	External alarm	Outputs unchanged
"CA"	Serious external alarm	All outputs OFF.
"dA"	Door Open	Compressor and fans restarts

Trouble shooting

Problem	Causes	Solutions
No power supply input	Poor socket contact	Repair or replace the socket
	Input control wire failure	Repair the failure point
High cabinet temperature	Near a heat source	Move the counter or the heat source
	Frost block	Defrost manually
	Over-inventory in the cabinet which blocks the air outlet and inlet	Remove part of the goods, away from the air outlet and inlet
	Refrigerant leaking	Check the leak and top up refrigerant
	Condenser contaminated	Clean the dust-hood
	Fan failure	Repair or replace the fan
	Temperature controller failure	Replace the temperature controller
Too much noise	Temperature control probe touch the bottom	Replace the position of temperature control probe
	The product is not placed evenly	Rearrange the products
The compressor is not running	The set screws of fans or compressor are loose	Tighten the screws
	The voltage is out of the permitted range	Use a voltage regulator, and connect with the appropriate power supply
	Temperature controller failure	Replace the temperature controller
Light failure	Compressor damage	Replace the compressor
	Switch is turned off	Turn on the switch
	Wire connection is unreliable	Check the plug point
	The light power supply is damaged	Replace the light power supply
	Light damaged	Replace the light

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. WEEE-Directive 2012/19/EU

Neither asbestos nor any CFC is used in this product.

The oil in the compressor does not contain PCB.