

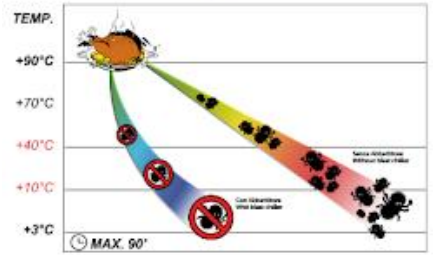


EWBC432

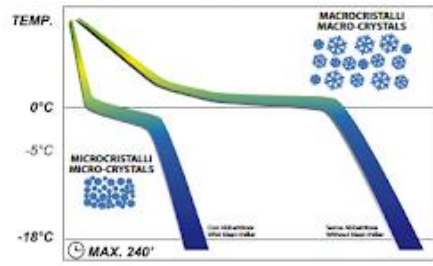
Entry level for Blast Chiller applications

October 2020

+90° / +3° C Abbattimento rapido - Blast chilling



+90° / -18° C Congelamento rapido - Shock freezing



Description

Entry level control for Blast Chiller applications, the **EWBC 432** is the flexible and cost effective electronic solution that permit to **increase performance** of the unit and the quality of the food thanks to the **Deep Negative Cycle** and the new needle probe with **MOCA/FCM** certification



Eliwell, with the **EWBC432** increase the offers, **4 scalable versions ranging** from ultra-comprehensive, on a programmable platform, down to an entry level for less complex applications



Benefits vs. EWBC1400



Cost effective and flexible solution for **Blast Chillers**



More performances thanks to the **Deep Negative cycle**



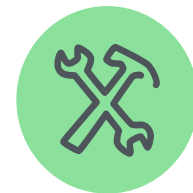
Increase food quality standards using needle probe **MOCA certify**



Easy configuration with Copy Card & Device Manager tooling

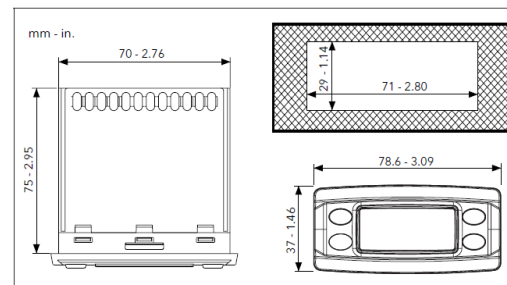
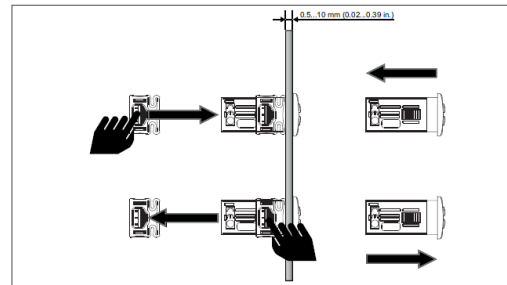
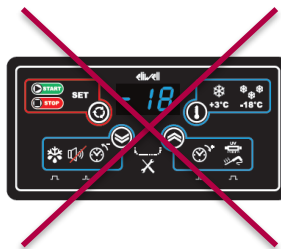


Cost effective and flexible solution for **Blast Chillers**



Panel mounted, 71x29mm. hole

Standard dimensions, no need



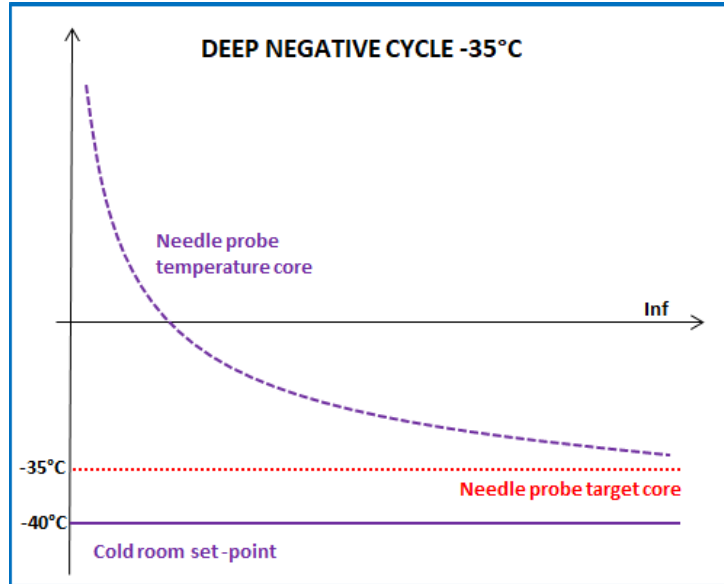
Power relays to drive directly the loads

Relay	EU (250 Vac maximum)
Out1	12(8) A
Out2	NO 6(4) A - NC 6(3) A
Out3	3(2) A

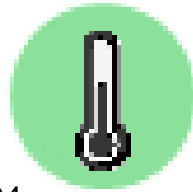
More performances thanks to the **Deep Negative cycle**



Cycle	Temperature	Time	Probe	Deep cooling	Storage
Positive automatic cycle	3°C	n/a	Needle/Chamber	3	0
Positive manual cycle	n/a	90 minutes	Chamber	-2	0
Negative automatic cycle	-18°C	n/a	Needle/Chamber	-18	-25
Negative manual cycle	n/a	270 minutes	Chamber	-35	-25
Deep negative automatic cycle	-35°C	n/a	Needle/Chamber	-35	-40
Deep negative manual cycle	n/a	Not defined	Chamber	Continuous operation with setpoint -40°C	



Increase food quality standards using needle probe **MOCA Certify**



MOCA/FCM (Materiali e Oggetti a Contatto con Alimenti)/(Food Contact Materials) is a European directive 1935/2004 relating to materials in contact with food. This directive was developed to increase food production quality standards and reduce public health risks.

In Italy has been in effect since 31 July 2017, this legislation was created to regulate materials and articles intended to come into contact with food and food products.

Needle probes MOCA Certify available within October 2020:

- **SN7FAF12702A4M** PTC NEEDLE PROBE TPE 2,7m
- **SNSFBC72702N4M** PTC NEEDLE TPE 2,7m with heating circuit

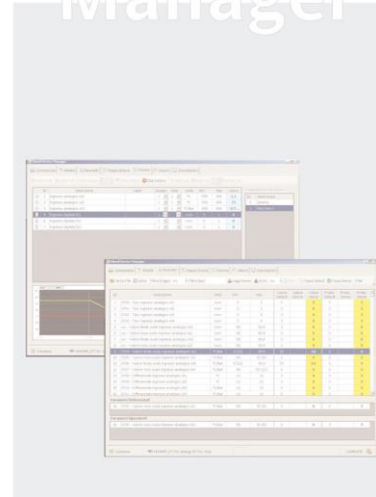


Easy configuration

Through the TTL port is possible to configure the device using



Device Manager



Eliwell Blast Chiller product range



FREE EVO

EWBC 800



EWBC 1400



EWBC 432





Part # and connections

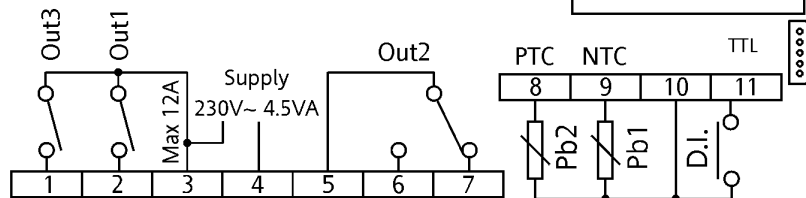
Codes	Description	Relay rating	Power supply
BCX4320000701	EWBC432 2hp/8/5A 230Vac PH BUZ -HC	2Hp/8/5A	230Vac



Eliwell Controls srl
IT 32016 Alipago

EWBC 432 -HC
BCX4320000701

Function: Cool	-5T55			  Made in Italy
	Out1	Out2	Out3	
EU max 250Vac	12(8)A	NO 6(4)A, NC 6(3)A	3(2)A	
USA max 240Vac	12FLA 72LRA	NO 6A, NC 6A res. NO 2.9FLA 17.4LRA	3A res. 2FLA 12LRA	



Life Is On



Main functionalities

- Compressor, fan & defrost - flammable gasses compliant
- Chamber (NTC) & Needle (PTC) Probes
- Blast chiller door switch control
- White display
- 230Vac power supply
- Removable connectors (male)
- Buzzer inside



Life Is On

eliwell
by Schneider Electric