Norsk

# Quantor MiniChilly

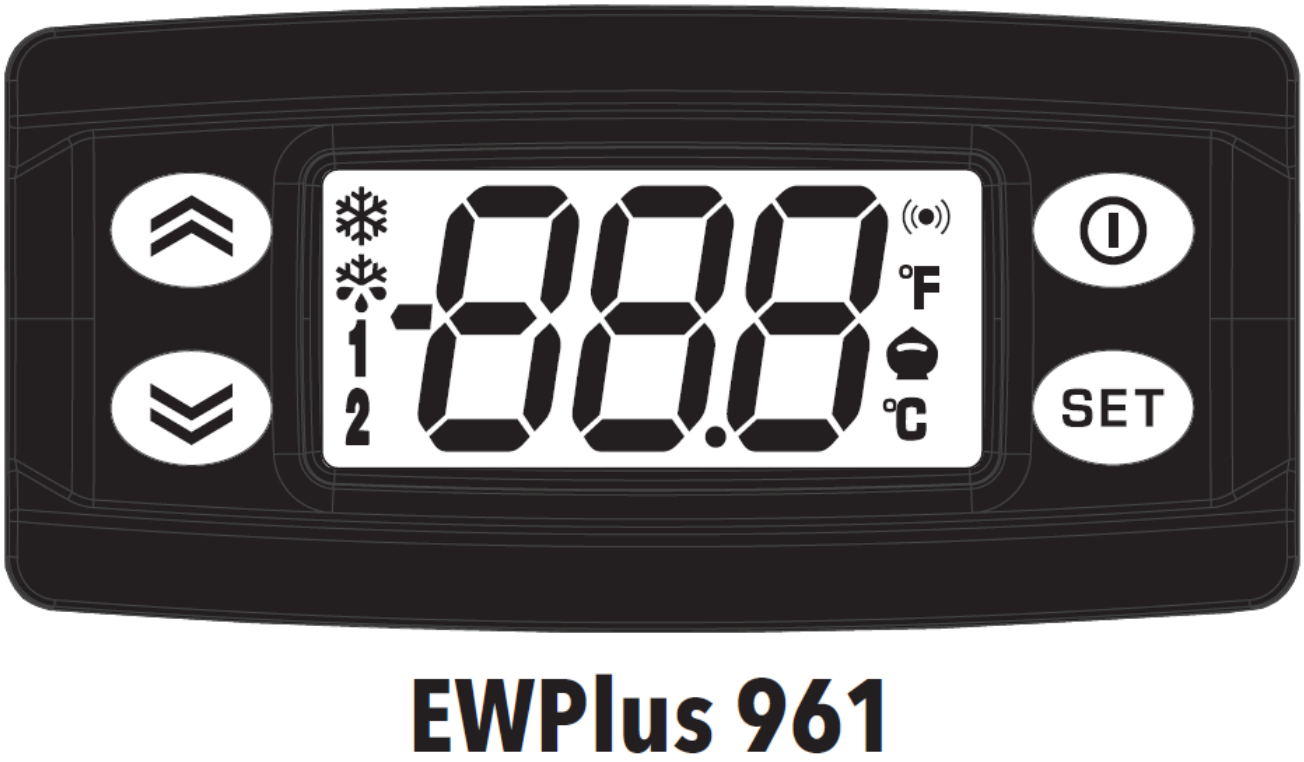
Denne seksjonen forklarer det aller mest nødvendige for å bruke og forstå **Eliwell EWPlus961** kontrollenheten som er installert i Quantor MiniChilly modellene som selges av Brewtools.

**Gjeldende modeller**

*7712969 – MiniChilly 03, 300W*

*7712970 – MiniChilly 09, 900W*

*7712971 – MiniChilly 17, 1.7kW*




Kontrollenheten levers ferdig konfigurert etter produsents anbefaling. MiniChilly kan brukes med rent vann eller glykolblanding. På grunn av dette er enhetens minimumstemperatur konfigurert til -1°C. Dersom man bruker glykolblanding vil det være ønskelig å ha enda lavere temperatur. For å muliggjøre dette må grensen for minimumstemperatur endres fra -1°C to -6°C. Vi anbefaler ikke å gå lavere enn -6°C. Beskrivelsen nedenfor forklarer hvordan dette gjøres.

**Hvordan endre grense for minimumstemperatur fra -1°C to -6°C**

Trykk set og hold inne i 5 sekunder til PA1 vises på skjermen.

set Trykk x 1

Trykk  eller  for å velge kode "**135**".

 Trykk x 1

Trykk  eller  for å velge parameter "**LSE**".

 Trykk x 1

Trykk  eller  for å endre til -6°C.

 Trykk x 1

 Trykk x 1

**Parameter tabell**

Kontrollenheten har også flere avanserte innstillinger som kan endres, men dette er ikke anbefalt med mindre man også forstår konsekvensene det kan medføre å endre på dem. Det kan likevel være nyttig dersom man ønsker å sjekke at kontrollenheten har riktige innstilling.

| Parameter | Description | Default |
|---|---|---|
| **SEt** | Temperature Setpoint. | |
| **dF1** | Relay compressor tripping differential. The compressor stops on reaching the Setpoint value (as indicated by the adjustment probe), and restarts at temperature value equal to the Setpoint plus the value of the differential. **NOTE: dF1 ≠ 0.** | **1** |
| **HSE** | Maximum value that can be assigned to the setpoint. | **10** |
| **LSE** | Minimum value that can be assigned to the setpoint. | **-1** |
| **0nt** | Compressor activation time in the event of inoperable probe.<br>• If **OFt**=1 and **Ont**=0, the compressor is always off.<br>• If **OFt**=1 and **Ont**>0 it operated in duty cycle mode. | **0** |
| **0Ft** | Compressor deactivation time if probe is inoperable.<br>• If **Ont**=1 and **OFt**=0, the compressor is always on.<br>• If **Ont**=1 and **OFt**>0 it operated in duty cycle mode. | **0** |
| **d0n** | Delay time in activating the compressor relay after switch-on of instrument. | **1** |
| **d0F** | Delay after switch-off; the indicated time must elapse between switch-off of the compressor relay and the subsequent switch-on. | **1** |
| **dbi** | Delay between switch-on; the indicated time must elapse between two subsequent switch-on of the compressor. | **1** |
| **0d0** | Delay time in activating the outputs after switch-on of the instrument or after a power outage. | **1** |
| **Att** | Allow you to select if the parameters **HAL** and **LAL** will have absolute (**Att**=0) or relative (**Att=**1) value. | **0** |
| **AFd** | Alarm differential. | **2** |
| **HAL** | Temperature value (in relative value) which if exceeded in an upward direction triggers the activation of the alarm signal. | **30** |
| **LAL** | Temperature value (in relative value) which if exceeded in a downward direction, triggers the activation of the alarm signal. | **-7** |
| **PA0** | Alarm exclusion time after instrument switch on, after a power outage. | **1** |
| **tA0** | Temperature alarm signal delay time. | **5** |
| **L0C** | LOCK. Setpoint change shutdown. There is still the possibility to enter into parameters programming and modify these, | **n** |

| | | |
|---|---|---|
| | including the status of this parameter to permit keyboard shutdown. **n**(0) = No; **y**(1) = Yes. | |
| **PS1** | Password 1. When enabled (**PS1** ≠ 0) it constitutes the access key for level 1 parameters. | **65** |
| **PS2** | Password 2. When enabled (**PS2** ≠ 0) it constitutes the access key for level 2 parameters. | **0** |
| **ndt** | View with decimal point. **n**(0) = No; **y**(1) = Yes (display with decimal). | **n** |
| **dr0** | Select °C or °F for displaying the temperature read by the thermostat probe. (**0** = °C, **1** = °F).<br>**NOTE:** the switch between °C and °F DO NOT modify setpoint, differential, etc. (for example set=10 °C become 10 °F). | **0** |
| **ddd** | Selection of type of value to be displayed.<br>**0** = Setpoint; **1** = Pb1 probe; **2-3** = Not used. | **0** |
| **H41** | Pb1 present. **n**(0) = Not present; **y**(1) = Present. | **y** |
| **H50** | Unknown | **0** |