

PROGRAMMING MENU

To access the "Programming" menu, press the **SET** key for more than 5 seconds. If specified, an access PASSWORD will be requested: **PA1=10** for "User" parameters and **PA2=10**.

Press  and  to scroll through all the parameters on the current level. Select the desired parameter by pressing **SET**. Press  and  to modify it and **SET** to save the changes.



"Installer" parameters: When accessed, the display will show the first folder (e.g. "CP"). Press  and  to scroll through the folders on the current level. Select the desired folder using to scroll through the parameters in the current folder and select the parameter using **SET**. Press and . Press  and  to modify it and **SET** to save the changes.

NOTE:

Make sure you switch the instrument off and on again each time the parameter configuration is changed, in order to prevent malfunctioning in the configuration and/or timing in progress.

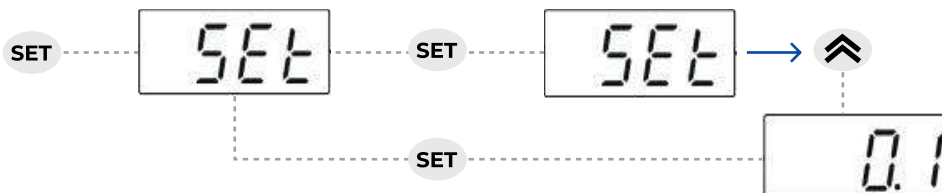
"MACHINE STATUS" MENU

Access the Machine Status menu by pressing **SET** and releasing the key. If no alarms are active, the "SEt" label appears. Use the keys  and  to scroll through all the folders in the "Machine Status" menu:



SETPOINT SETTING:

To display the Setpoint value press the **SET** key when the "SEt" label is displayed. The Setpoint value appears on the display. To change the Setpoint value, press the  and  keys within 15 seconds. Press **SET** to confirm the modification.



NOTE:

To ensure the correct operation of your unit these parameters must be adhered to. Incorrect parameter settings can lead to inadequate cooling, excessive energy consumption, unnecessary alarms. Only a trained operator should make changes to parameters.

NOTE:

These settings are suitable for programming the following glycol chillers : **QP 3200, QP 4000, QP 5500.**

TABLE OF "INSTALLER" MENU PARAMETERS

	DESCRIPTION	M.U.	RANGE	SUPPLIED VALUE
SEt	Temperature SEtpoint.	°C/°F	LSE...HSE	32.0
COMPRESSOR ('CP' folder)				
diF	diFferential. Relay compressor tripping differential.	°C/°F	0,1 ... 30.0	3.0
HSE	Maximum value that can be assigned to the setpoint.	°C/°F	LSE ... 230	50.0
LSE	Minimum value that can be assigned to the setpoint.	°C/°F	-55,0 ... HSE	21.0
HC	Operating mode. C (0) = Cooling; H (1) = Heating	flag	C/H	C
OSP	Offset Set Point.	°C/°F	-30,0 ... 30,0	0.0
dod	digital (input) Open door. Digital input that allow you to switch off loads.	flag	n/y	y
dAd	digital (input) Activation delay. Delay time in activating the digital input.	min	0 ... 250	0
Ont	ON time (compressor).	min	0 ... 250	0
OFt	OFF time (compressor). Compressor deactivation time if probe is faulty.	min	0 ... 250	0
dOn	delay (at) On compressor.	secs	0 ... 250	0
dOF	delay (after power) OFF.	min	0 ... 250	2
dbi	delay between power-on.	min	0 ... 250	2
OdO	delay Output (from power) On.	min	0 ... 250	0
DEFROST				
dit	defrost interval time.	hours	0 ... 250	0
dCt	defrost Counting type. Selection of count mode for the defrosting interval.	num	0/1/2/3	0
dOH	defrost Offset Hour. Start-of-defrosting delay time from the call.	min	0 ... 59	0
dEt	defrost Endurance time.	min	1 ... 250	1
dPO	defrost (at) Power On.	flag	n/y	n
ALARMS				
Att	Allow you to select if the parameters HAL and LAL will have absolute (Att=0) or relative (Att=1) value.	flag	0/1	0
AFd	Alarm Fan differential. Alarm differential.	°C/°F	1,0 ... 50,0	3

	DESCRIPTION	M.U.	RANGE	SUPPLIED VALUE
HAL	Higher ALarm.	°C/°F	LAL to 320	100
LAL	Lower ALarm.	°C/°F	-50,0 to HAL	15
PAO	Power-on Alarm Override.	hours	0 ... 10	0
dAO	defrost Alarm Override. Temperature alarm exclusion time after defrost.	min	0 ... 999	0
OA0	Alarm signaling delay after digital input disabling (door close).	hours	0 ... 10	0
tdO	time out door Open. Alarm activation delay time open door.	min	0 ... 250	0
tAO	temperature Alarm Override. Temperature alarm signal delay time.	min	0 ... 250	60
EAL	External Alarm Clock.	flag	n/y	y
COMMUNICATION				
dEA	Device address in family (valid values from 0 to 14).	num	0...14	0
FAA	Device family (valid values from 0 to 14).	num	0...14	0
DISPLAY				
LOC	LOCK. Setpoint change shutdown.	flag	n/y	n
PS1	PAssword 1.	num	0...250	10
PS2	PAssword 2.	num	0...250	10
ndt	number display type.	flag	n/y	Y
CA1	CALibration 1.	°C/°F	-12,0...12,0	0
ddL	defrost display Lock.	num	0/1/2	1
dro	display read-out.	flag	0/1	1
ddd	Selection of type of value to be displayed.	num	0/1/2/3	1
CONFIGURATION				
H08	Stand-by operating mode.	num	0/1/2	2
H11	Configuration of digital inputs/polarity.	num	-10 ... 10	-5
H25	Enable/disable buzzer.	num	0...6	4
H32	DOWN button configurability.	num	0 ... 6	0