BACCHUS GENIUS

SERVICE MANUAL

S.40724
Rev 00

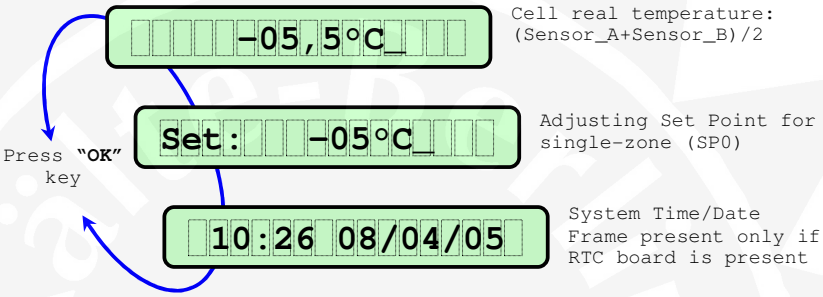
DISPLAY WHEN THE MACHINE IS OFF

When the machine is off, the thermostat display shows the following message:

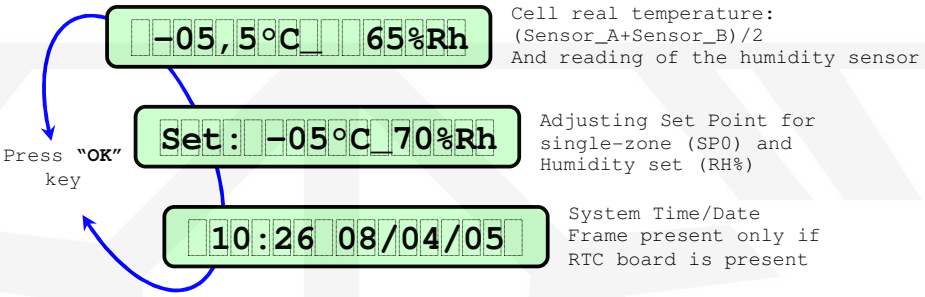
DISPLAY WHEN THE MACHINE IS ON

When the machine is on, three main display frames are possible if the RTC board is present; if not, the main display frames are only two.
The display depends on the operating mode (single- or double zone operation).
The main display frame can be selected by pressing the ok key; the selected frame remains displayed permanently.

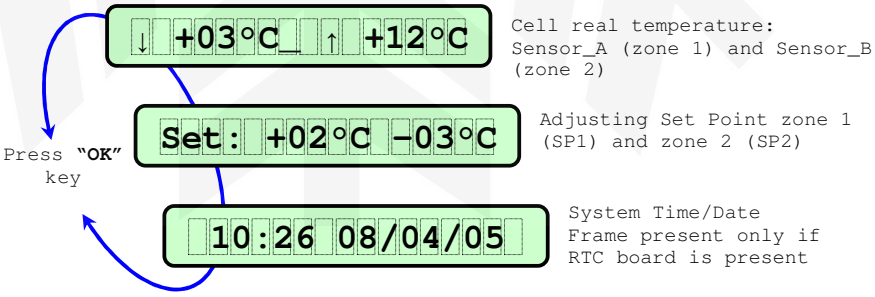
Single-zone display



Single-zone display with Humidity sensor enabled



Double-zone display



Note

In the case the Humidity sensor is enabled for double-zone operation, the sensor reading value and the adjusting set are not displayed.

SCREENSAVER

During the display of the normal operating frame (failures not enabled and menus not enabled) every MES seconds a snipe is launched with "BACCHUS LINE".
Such snipe is repeated four consecutive times, alternatively from the left to the right and from the right to the left. Set up MES to zero to disable the snipe.
To enable the snipe, MES values suggested are lower than 10 seconds (in this case, the snipe would be continuous).

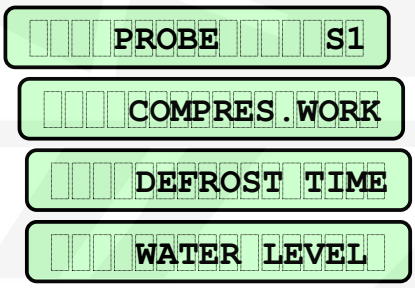
DISPLAY OF FAILURES

In the case of failure, a message is displayed, the display backlight flashes and the buzzer goes on.
Press any key during the failure to switch it off; in this condition, the buzzer goes off and the failure display frame comes alternated to the main display frame.
In the case of several contemporary failures, only the one with higher priority is displayed.

Failures and priority levels

Priority	Type of failure
1	Failure of sensor S1 (adjusting sensor A)
2	Failure of sensor S2 (evaporator sensor)
3	Failure of sensor S3 (adjusting sensor B)
4	Failure of sensor S4 (composite digital input)
5	Failure of sensor S5 (Humidity sensor)
6	Time reference missing (only for versions with RTC board)
7	Compressor time failure
8	Defrosting time failure
9	Water level sensor triggered

Failure display frame



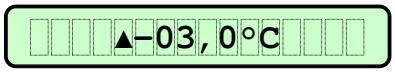
DISPLAY OF ADJUSTMENT STATE

If bit#6 of VOP (weight 64) is set, the adjustment state display is enabled.
In this situation, a symbol on the side of the sensor reading indicates the adjustment action carried out on that specific sensor.
The symbols displayed are the following:

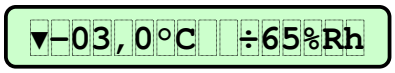
"▼" (triangle downwards) on the side of the A sensor reading → Cooling down action Z1 (compressor)
"▲" (triangle upwards) on the side of the A sensor reading → Heating action Z1
"÷" (line between two points) on the side of the A sensor reading → Neutral Zone Z1
"▼" (triangle downwards) on the side of the B sensor reading → Cooling down action Z1
"▲" (triangle upwards) on the side of the B sensor reading → Heating action Z2
"÷" (line between two points) on the side of the B sensor reading → Neutral Zone Z2
"▼" (triangle downwards) on the side of the Humidity reading → De-humidification action
"▲" (triangle upwards) on the side of the Humidity reading → Humidification action
"𝕊" (styled S) → Defrosting enabled

The blinking symbol indicates that the action indicated is going to be enabled soon (the action is temporarily locked, due to the anti-oscillation timer).

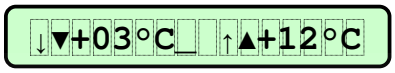
Examples of adjustment state display:



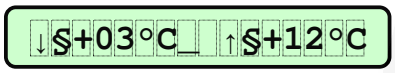
Single-zone Mode:
Heating action enabled



Single-zone Mode with Humidity sensor enabled:
Cooling down action enabled, humidity in neutral zone



Double-one Mode
Cooling down action enabled Z1, Heating action enabled Z2



Double-one Mode
Defrosting enabled

TEMPERATURE ALARMS AND ALARM DISPLAY

The system detects the cell temperature continuously.
If the temperature exceeds the pre-set limits for a time longer than the pre-set alarm delay, the visual and acoustic warning go on.

Temperature alarm in case of Single-zone

Adjusting temperature = [Sensor_A (+OFA) + Sensor_B (+OFB)] /2

Conditions for activation of the high temperature alarm:
Adjusting temperature >= Limit of high temperature = SP0 + ALH

Conditions for activation of the low temperature alarm:
Adjusting temperature <= Limit of low temperature = SP0 - ALL

Temperature alarm in case of Double-zone

In case of double-zone mode, the temperature alarm is managed in parallel on the two zones.

Zone 1:
Adjusting temperature = Sensor_A (+OFA)

Conditions for activation of the high temperature alarm:
Adjusting temperature >= Limit of high temperature = SP1 + ALH

Conditions for activation of the low temperature alarm:
Adjusting temperature <= Limit of low temperature = SP1 - ALL

Zone 2:
Adjusting temperature = Sensor_B (+OFB)

Conditions for activation of the high temperature alarm:
Adjusting temperature >= Limit of high temperature = SP2 + ALH

Conditions for activation of the low temperature alarm:
Adjusting temperature <= Limit of low temperature = SP2 - ALL

Temperature alarm delay

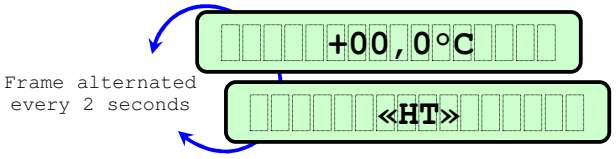
The alarm for high and low temperature goes on if the conditions above remain stable for a time longer than the alarm delay.
In general, the alarm delay used is given by the parameter ALD (expressed in minutes).
In case the conditions for alarm activation occur after the machine start-up or after the defrosting activation, the alarm delay used is given by the parameter ADD (expressed in minutes).

Temperature alarm signalling

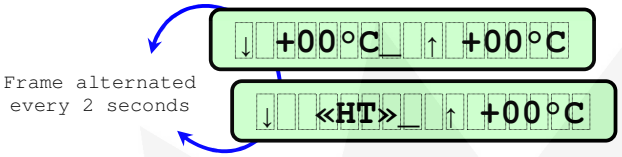
In case of temperature alarm, a message is displayed, the display backlight flashes and the buzzer goes on.

- In case of high temperature alarm, "**«HT»**" is displayed, alternated to the temperature sensor reading to which the alarm refers to.
- In case of high temperature alarm, "**«LT»**" is displayed, alternated to the temperature sensor reading to which the alarm refers to.

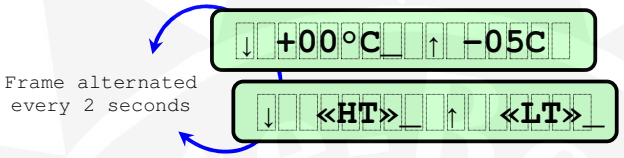
Examples of temperature alarm display



Single-zone Mode:
High temperature alarm on



Double-zone Mode:
Z1 High temperature alarm on



Double-zone Mode:
Z1 High temperature alarm on and Z2 Low temperature alarm on

Temperature pre-alarm signalling

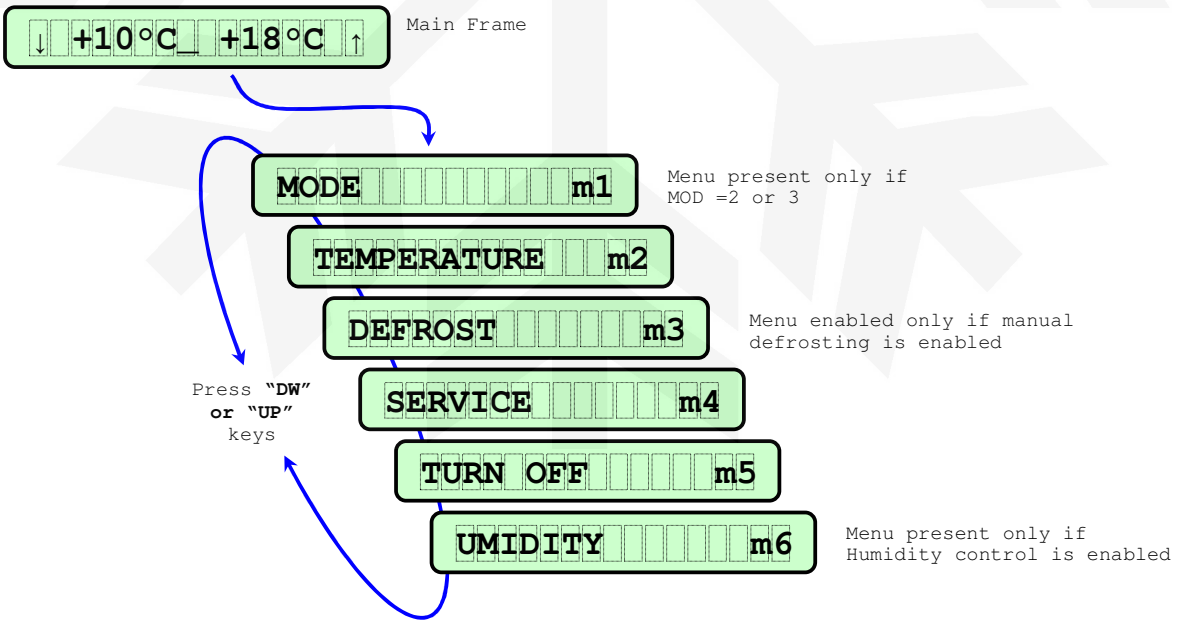
If bit#5 of VOP (weight 32)is set, the temperature pre-alarm state display is enabled.
In this case, the information on the temperature anomaly is displayed even if the alarm delay has not elapsed yet.

"**<HT>**" High temperature detected, but alarm delay has not elapsed, alarm delay set to ALD.
"**-HT-**" High temperature detected, but alarm delay has not elapsed, alarm delay set to ADD.
"**<LT>**" Low temperature detected, but alarm delay has not elapsed, alarm delay set to ALD.
"**-LT-**" Low temperature detected, but alarm delay has not elapsed, alarm delay set to ADD.

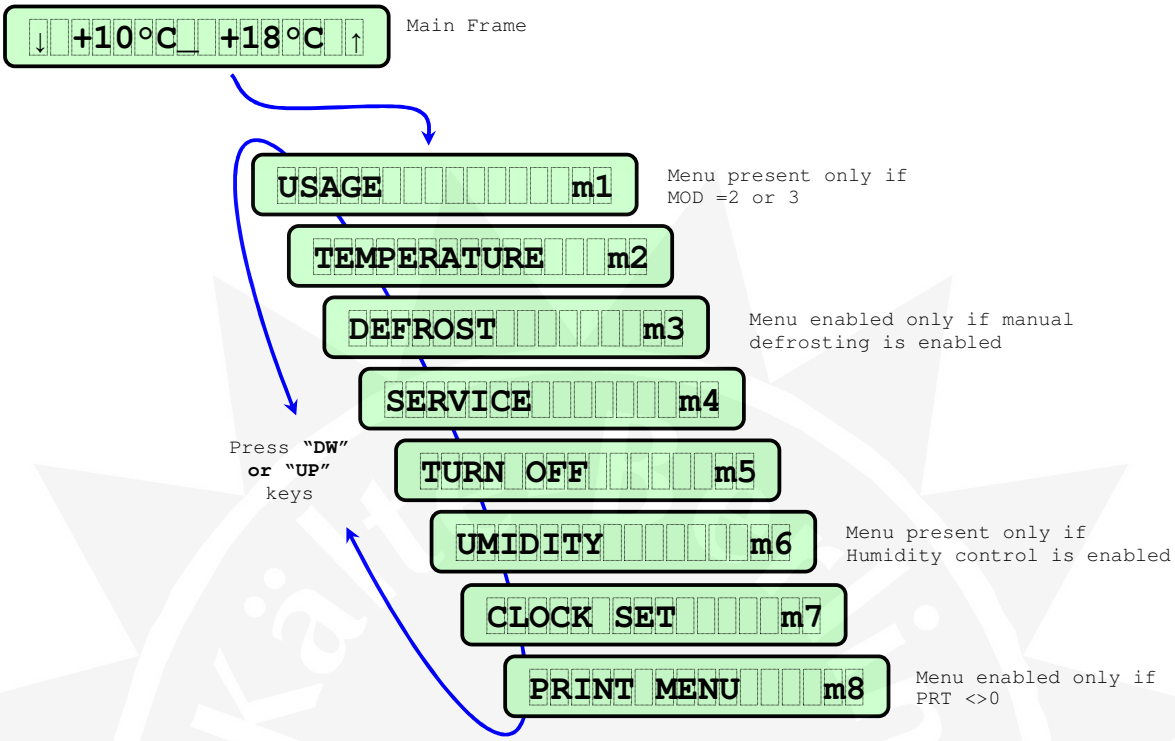
MAIN MENU

The main menu is enabled by pressing the "MENU" key during the normal operation of the machine (during the display of the main frame).
From whichever menu, press the "MENU" key to escape.

Main Menu Interface

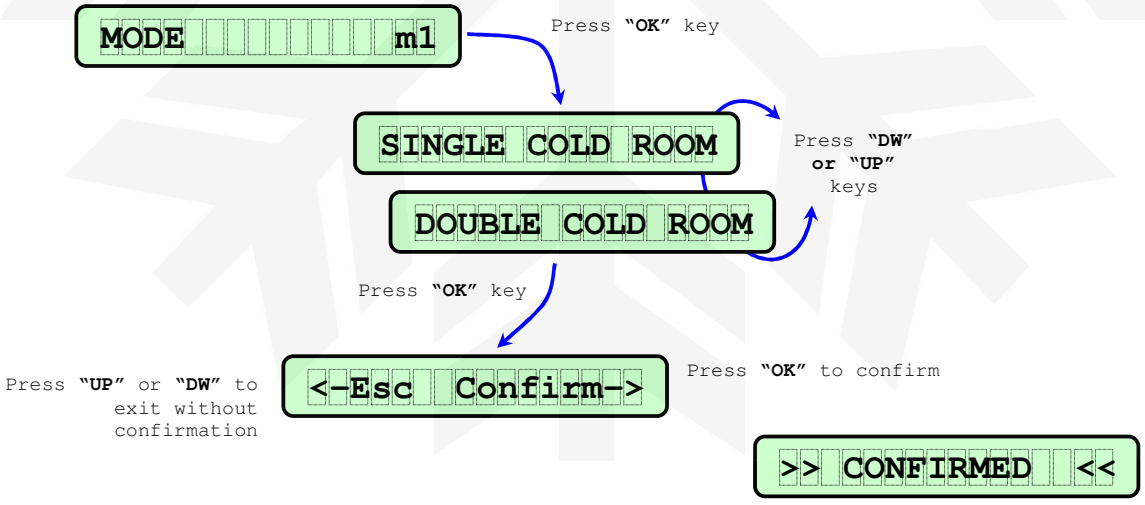


Main Menu Interface if RTC board is present



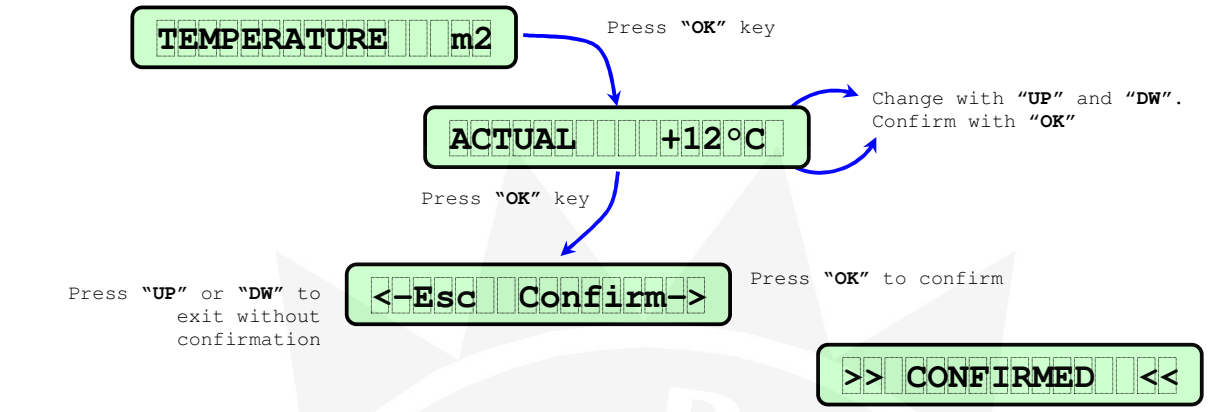
(m1) MENU FOR SELECTING THE MACHINE OPERATION

The menu m1 for selecting the operation (single-zone and double-zone) is displayed when the parameter MOD has value 2 or 3; otherwise, the menu is not displayed and therefore the user is not able to modify the machine operation (unless he access directly the parameter MOD in the SERVICE/PARAMETERS menu).
If the menu is not displayed, the main menu display starts directly from the menu m2.

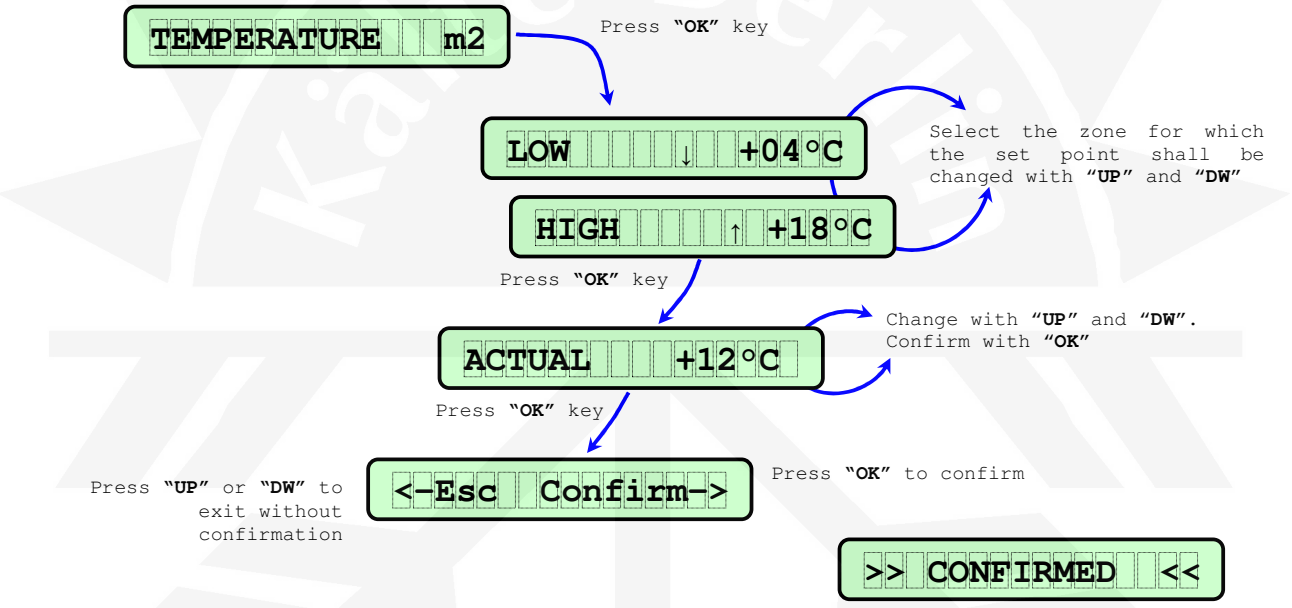


(m2) MENU FOR PROGRAMMING THE TEMPERATURE SET POINT

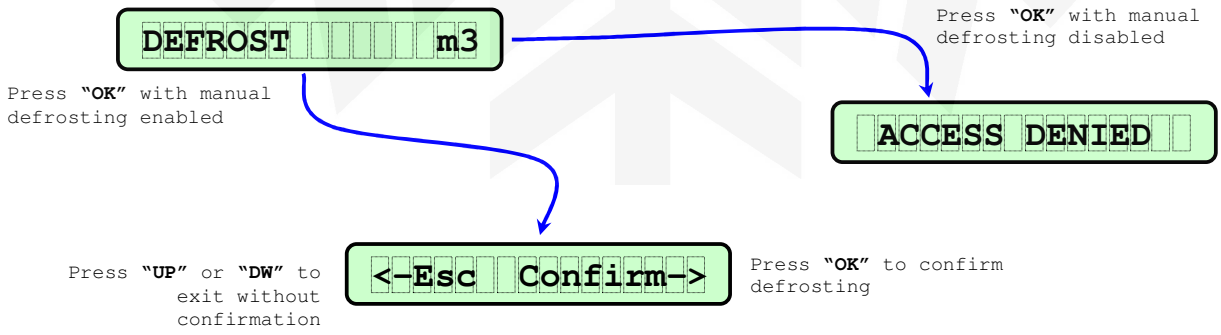
Single-zone



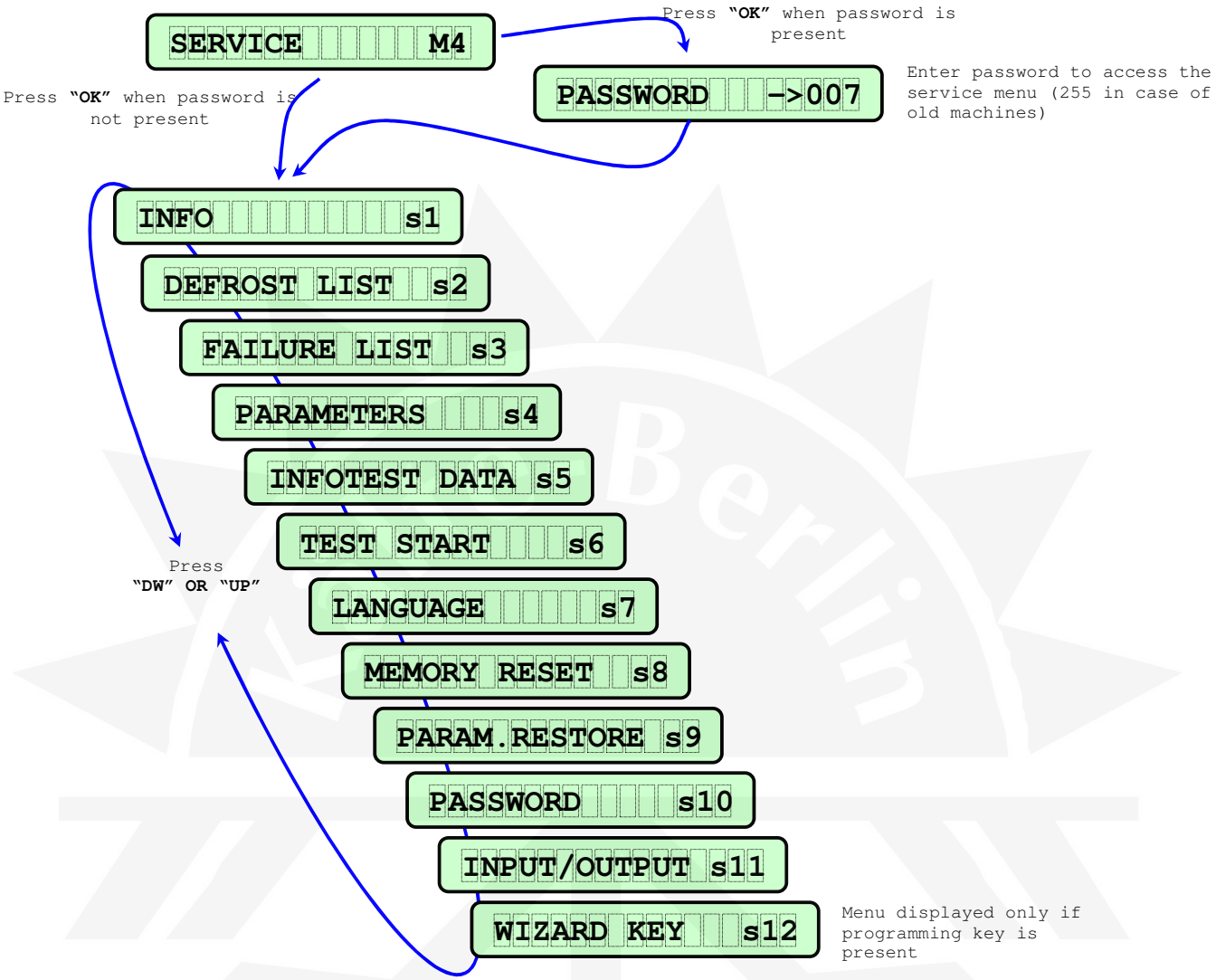
Double-zone



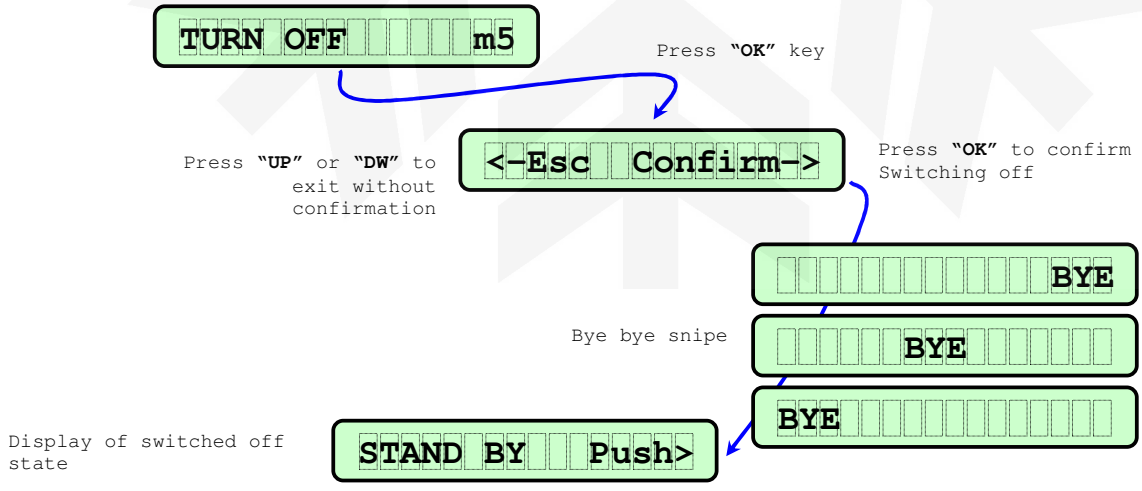
(m3) MENU FOR DEFROSTING ENABLING



(m4) SERVICE MENU

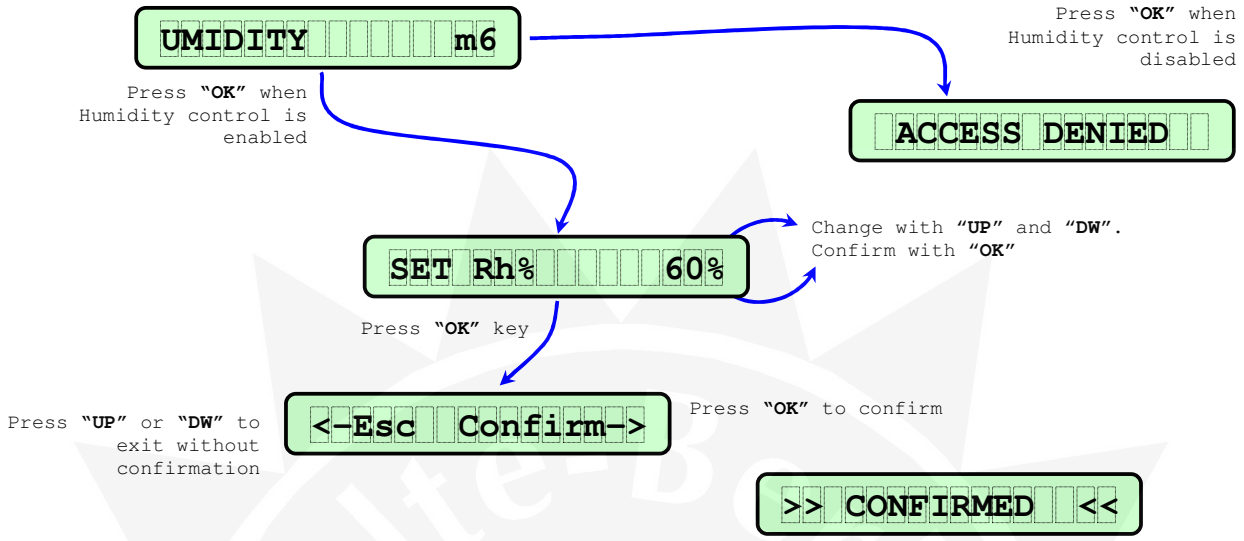


(m5) MENU FOR SWITCHING OFF



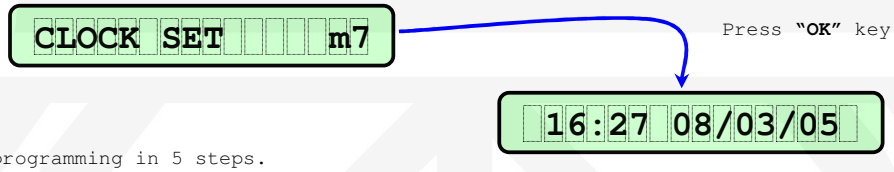
(m6) MENU FOR PROGRAMMING THE HUMIDITY SET POINT

In case the Humidity control is disabled, this menu is not displayed, or, if the RTC board is present, the menu is displayed but forbidden.



Note: Humidity control, as well as the change menu of the set thereof, is enabled if:
Humidity sensor is enabled (HRH <>0 or HRL <>0) and/or
Humidity control from evaporator fan is enabled (FOP, bit#3 =1 weight 8)

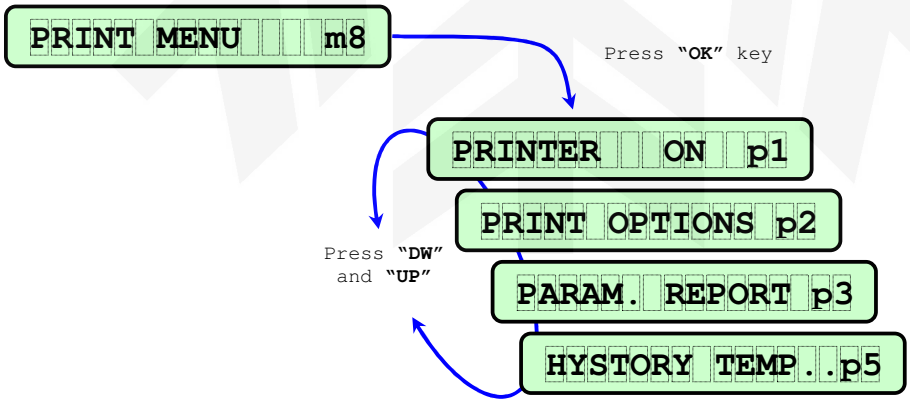
(m7) MENU FOR CLOCK PROGRAMMING



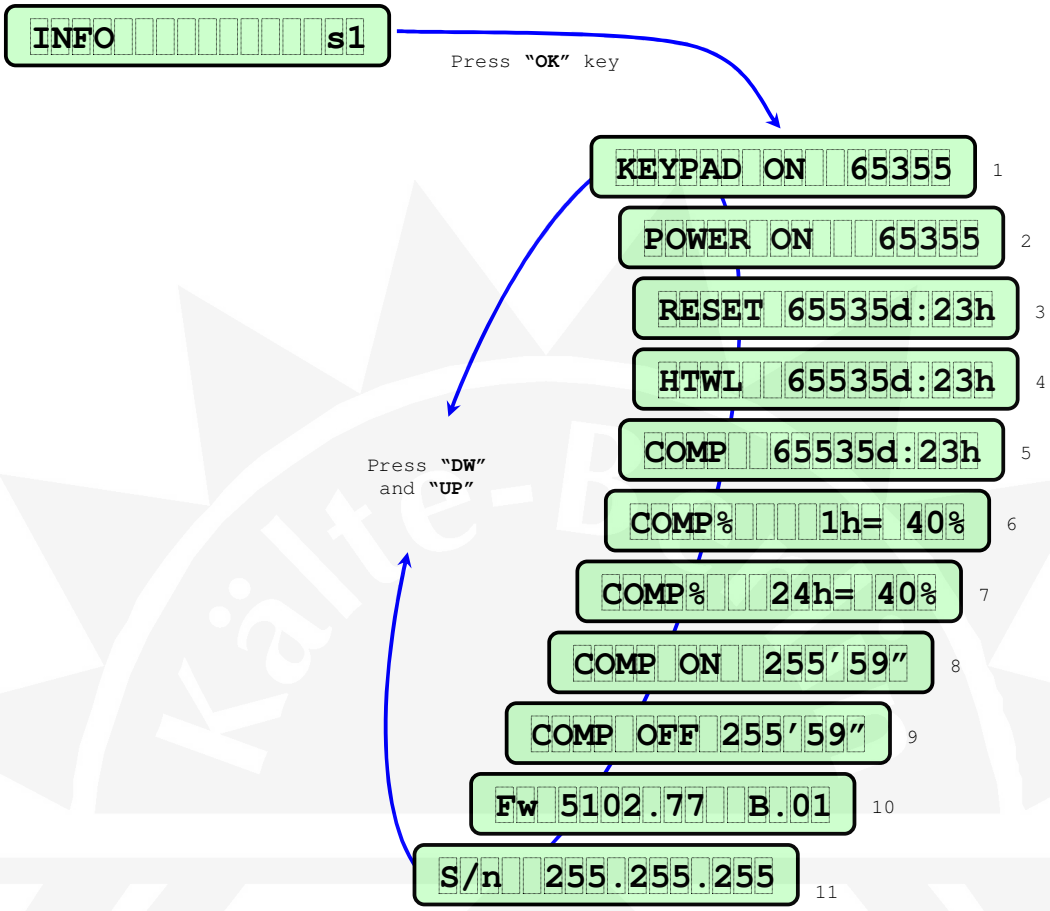
Clock programming in 5 steps.
Programming sequence: mm, hh, gg, mm, aa.
The data under current programming is blinking.
The data under current programming is changed with "UP" and "DW" keys
Confirm the data programmed with "OK"

(m7) MENU FOR PRINTER SETTING

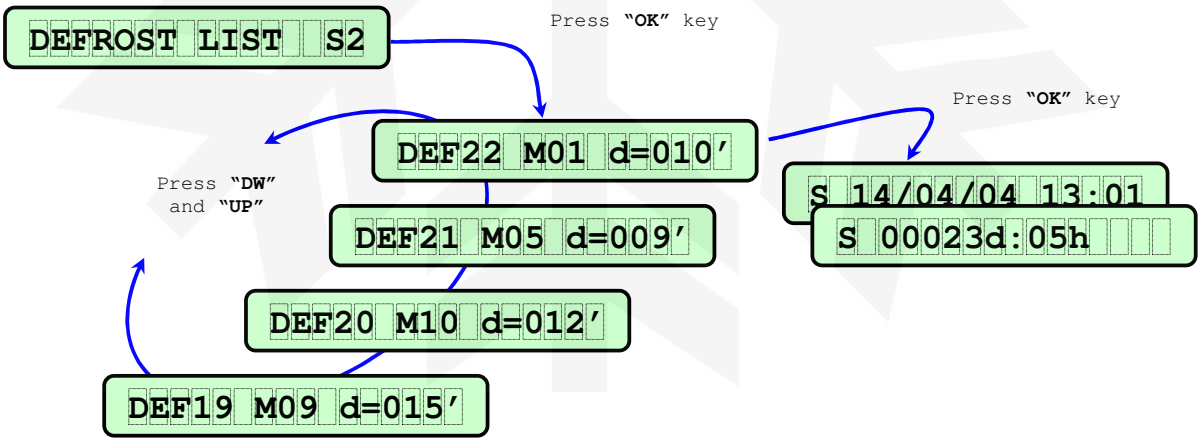
This menu is displayed if the RTC board is present and the printer is enabled (PRT <>0)



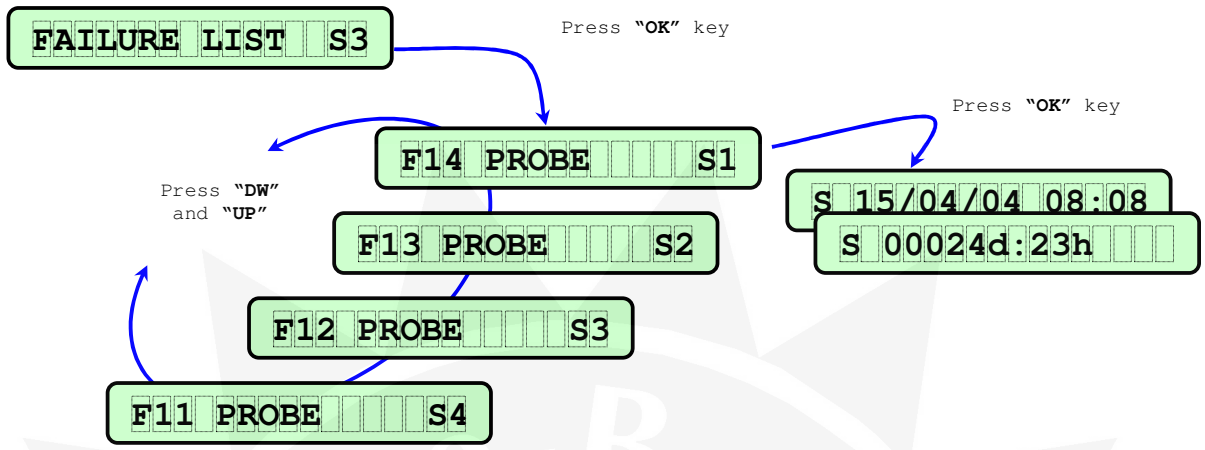
(s1) SERVICE MENU FOR DISPLAY OF STATE DATA



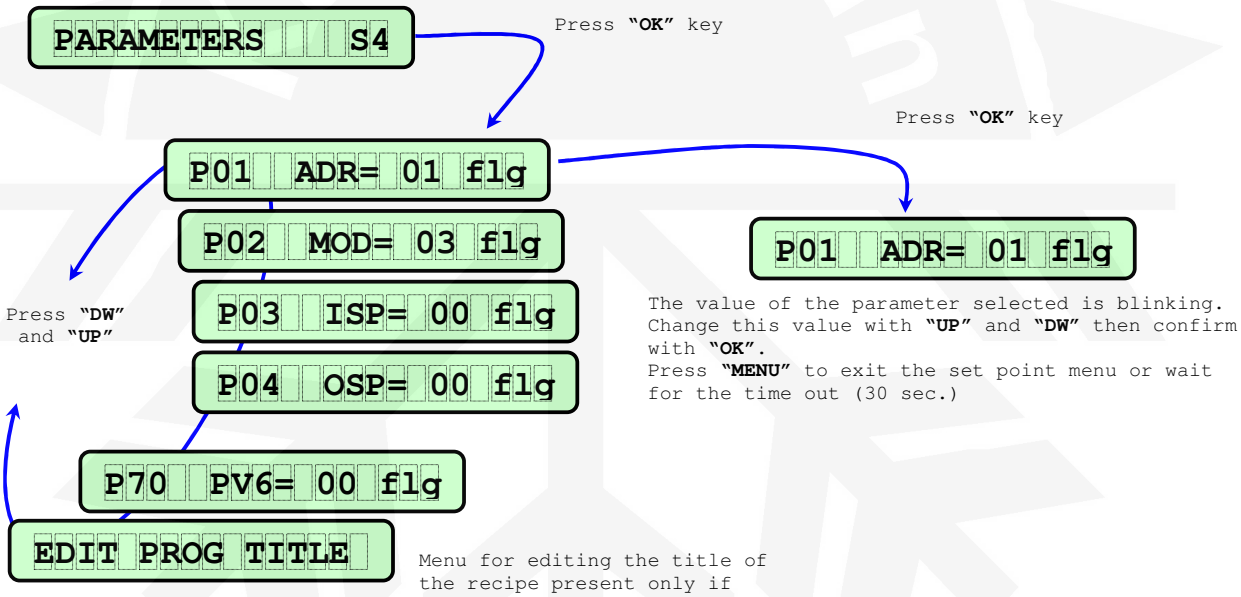
(s2) SERVICE MENU FOR DISPLAY OF DEFROSTING DATA



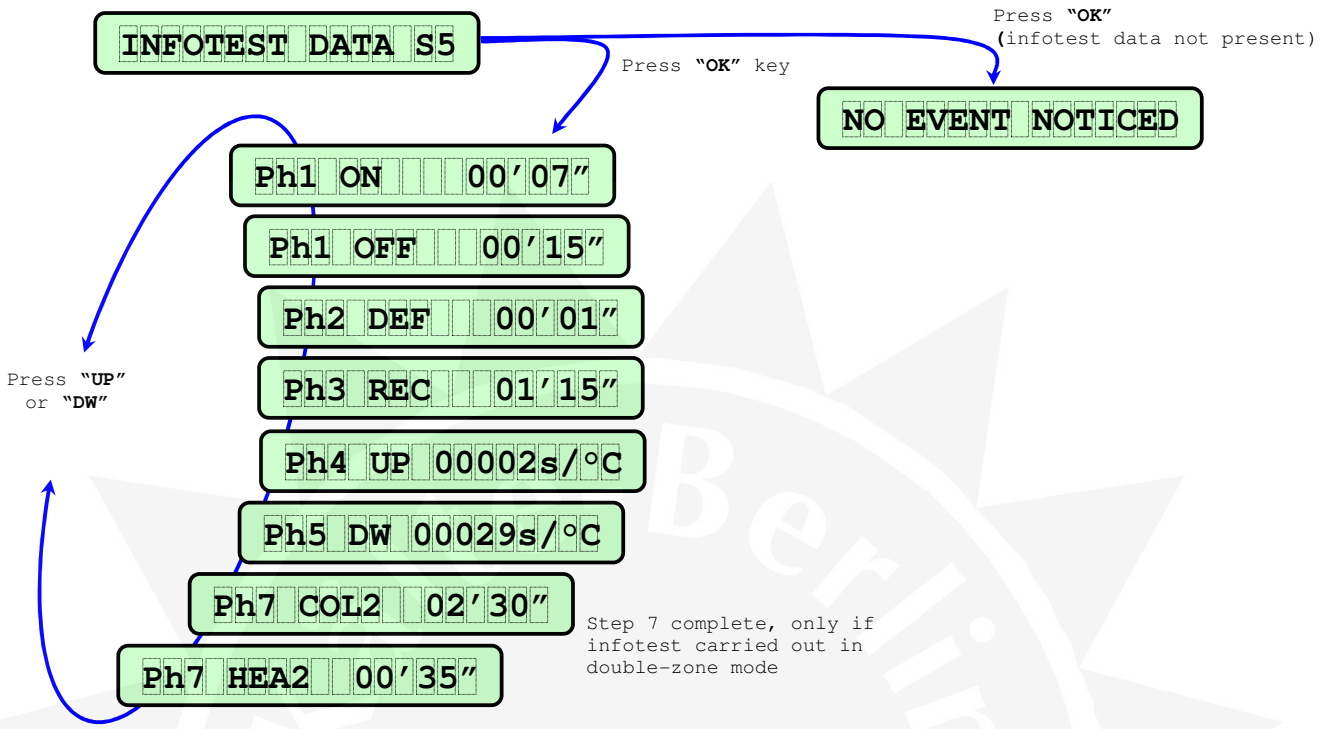
(s3) SERVICE MENU FOR DISPLAY OF FAILURE DATA



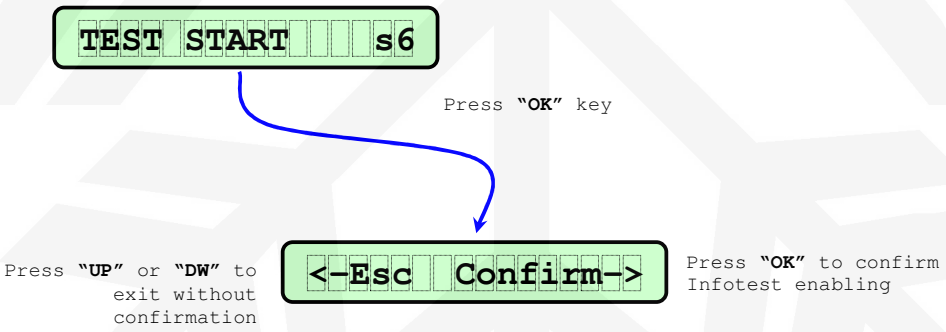
(s4) SERVICE MENU FOR PARAMETER PROGRAMMING



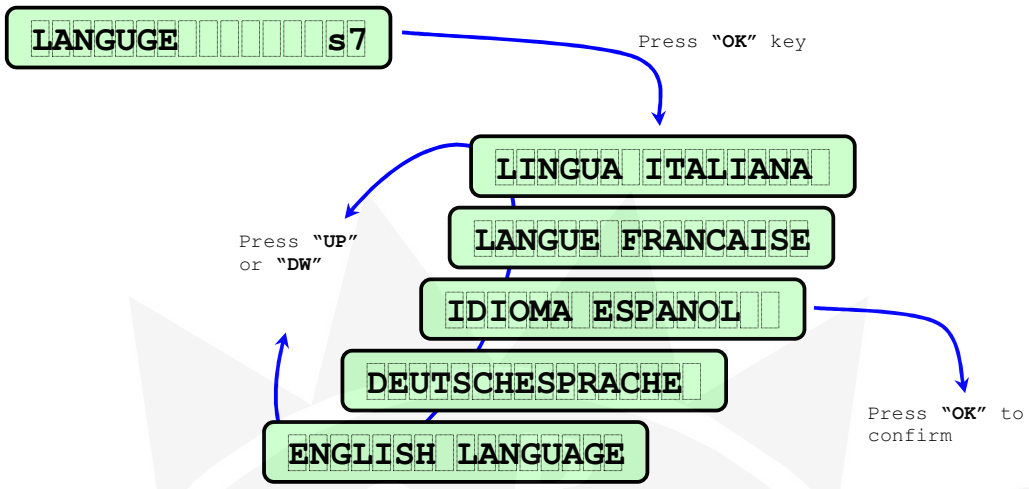
(s5) SERVICE MENU FOR DISPLAY OF INFOTEST DATA



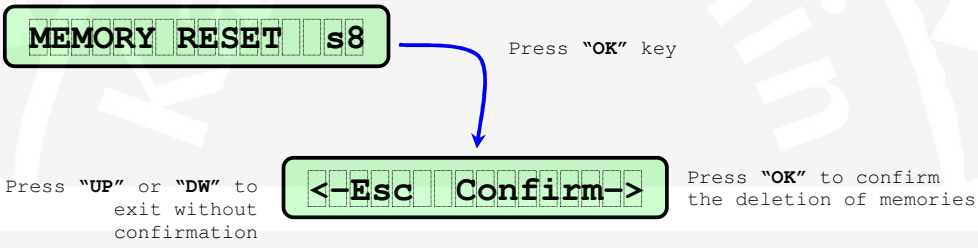
(s6) SERVICE MENU FOR INFOTEST ENABLING



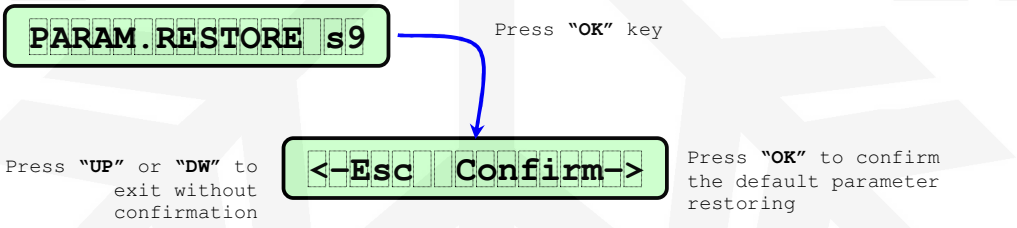
(s7) SERVICE MENU FOR CHANGING THE INTERFACE LANGUAGE



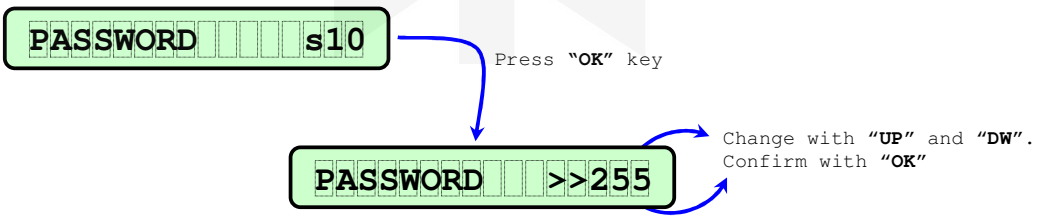
(s8) SERVICE MENU FOR DELETING MEMORIES



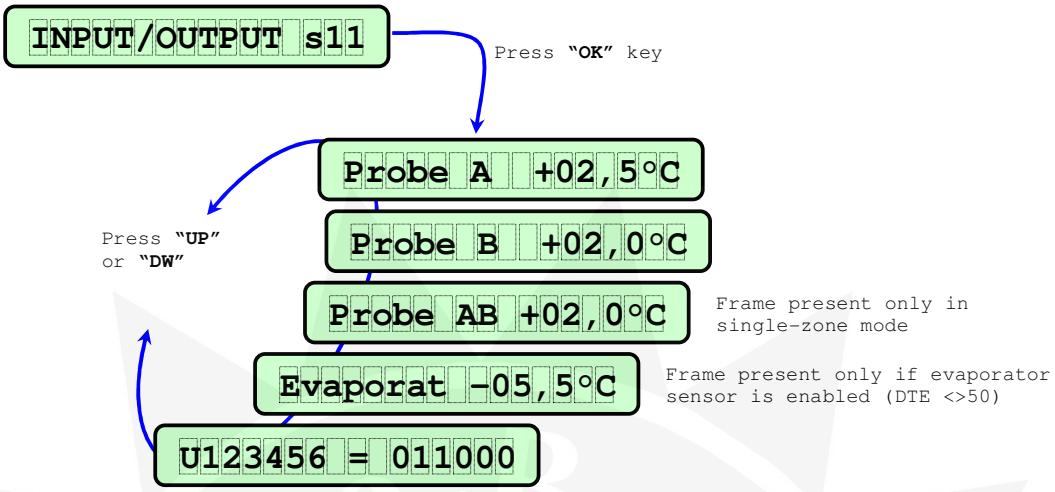
(s9) SERVICE MENU FOR PARAMETER RESTORING



(s10) SERVICE MENU FOR SETTING THE SERVICE ACCESS PASSWORD

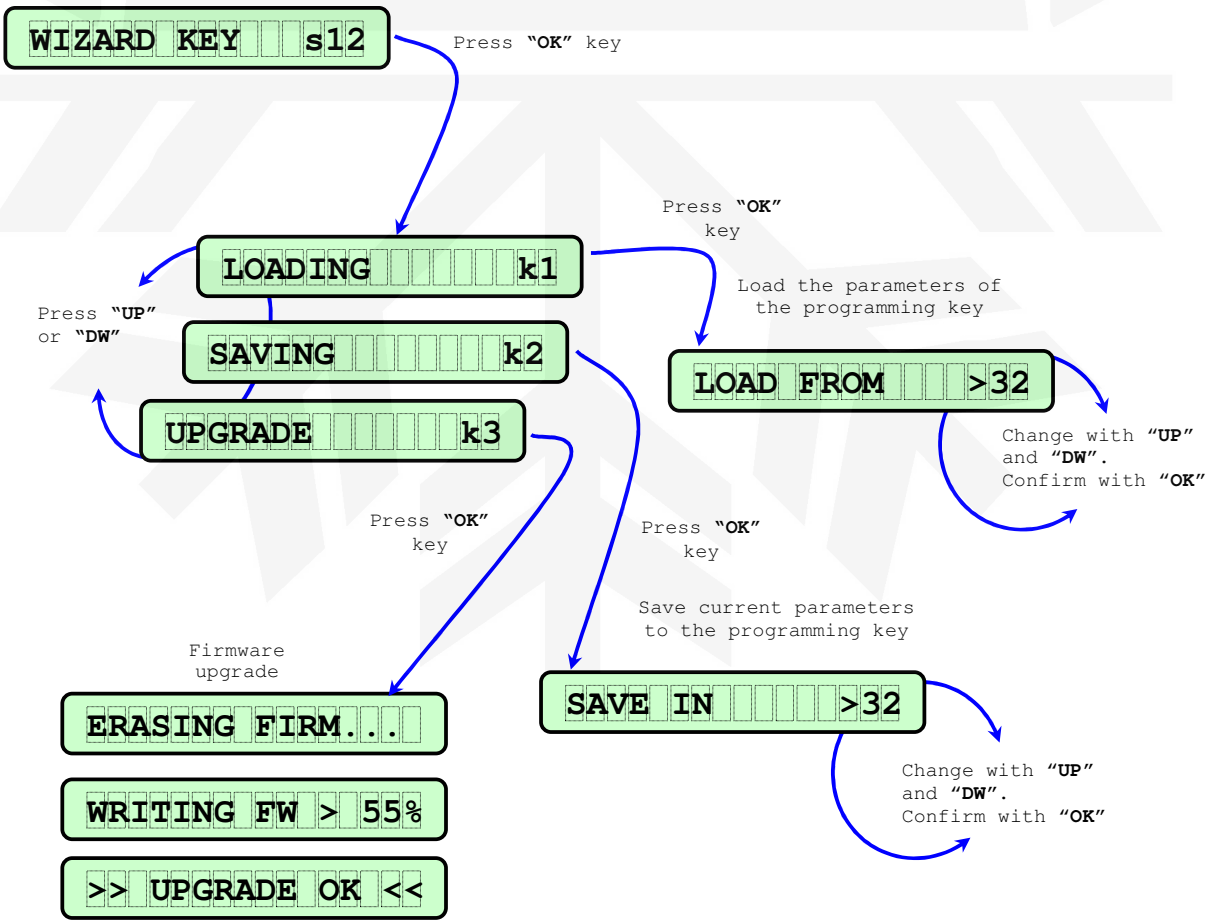


(s11) SERVICE MENU FOR DISPLAY THE SENSORS AND OUTPUT STATE

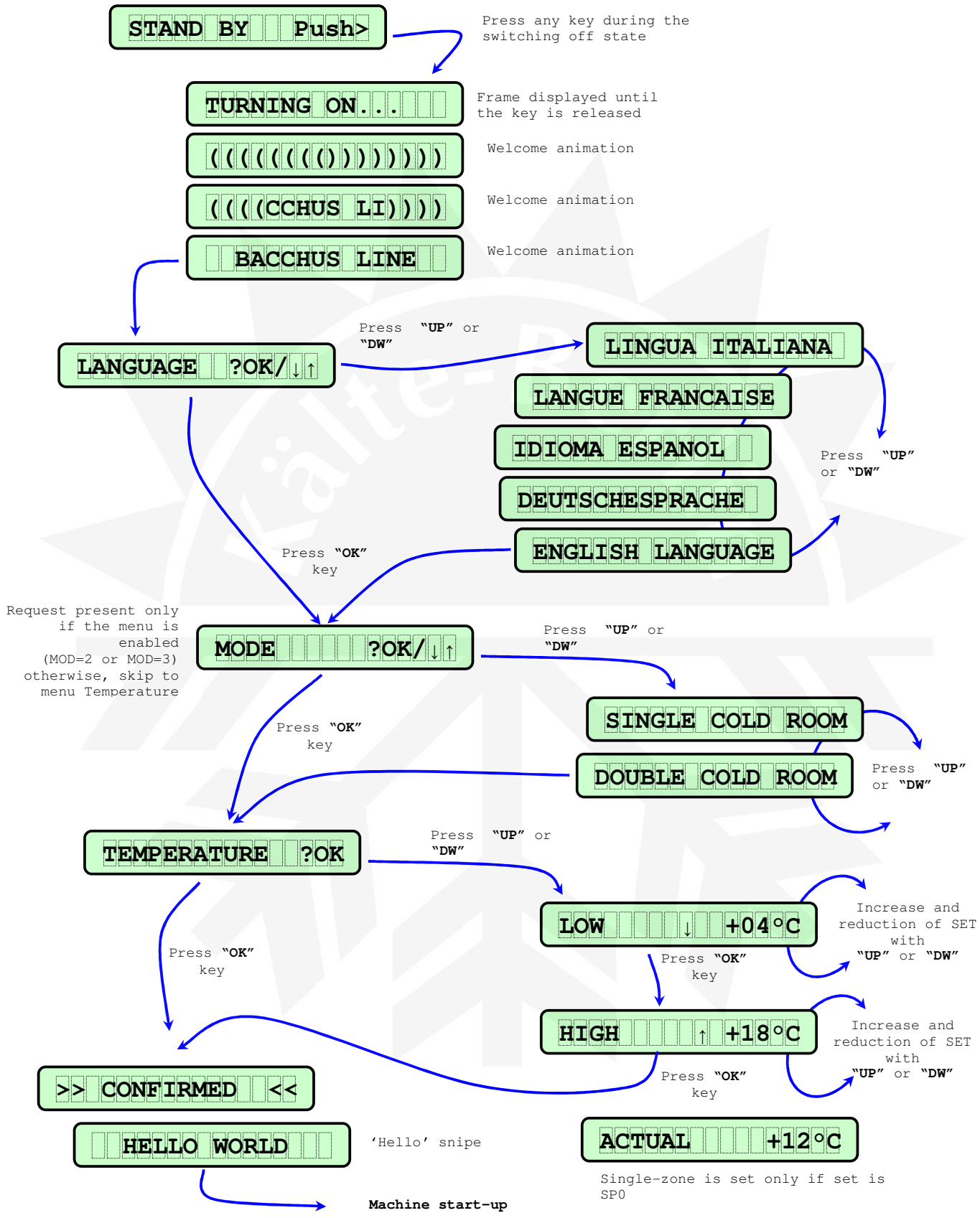


(s12) SERVICE MENU FOR USING THE PROGRAMMING KEY (WIZARD)

This menu is displayed only if the programming key is present.



SWITCHING ON SEQUENCE – MENU OF INITIAL SETTINGS



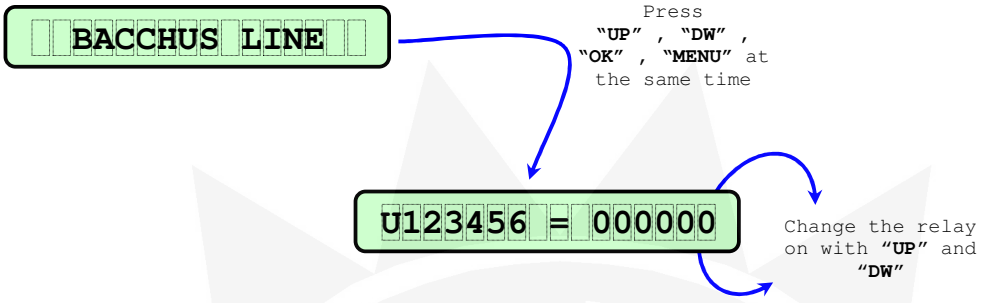
S.40724
Rev 00

SEQUENCE OF SPECIAL KEYS UPON START-UP

After the 'Hello' snipe, some specific operations are possible by means of special sequences of keys.

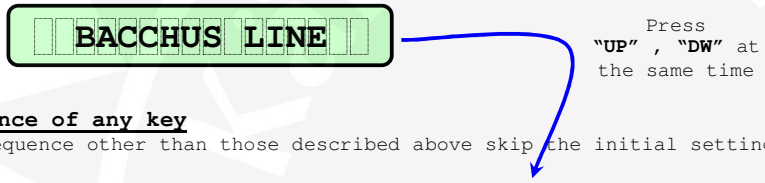
Procedure of output Switch

Press (OK, MENU)keys during the 'Hello' snipe to start the relays test procedure.



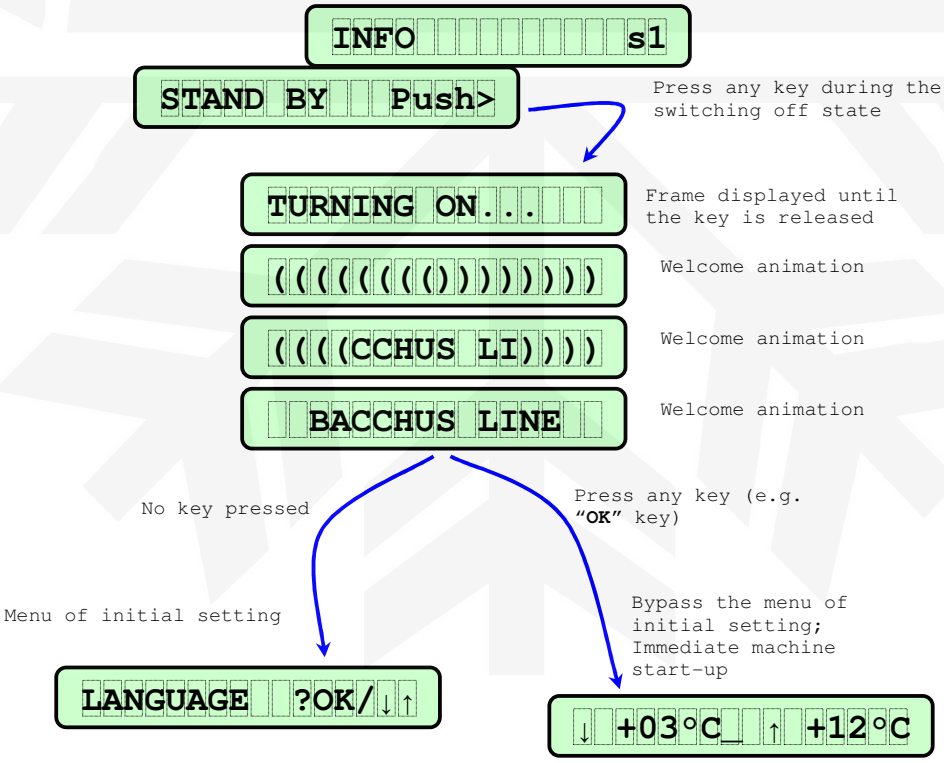
Procedure of access to service menu (by-passing the password request)

Press UP, DW) keys during the 'Hello' snipe to access immediately the service menu without entering the password.



Sequence of any key

Any sequence other than those described above skip the initial setting (displayed in case of start-up from key).

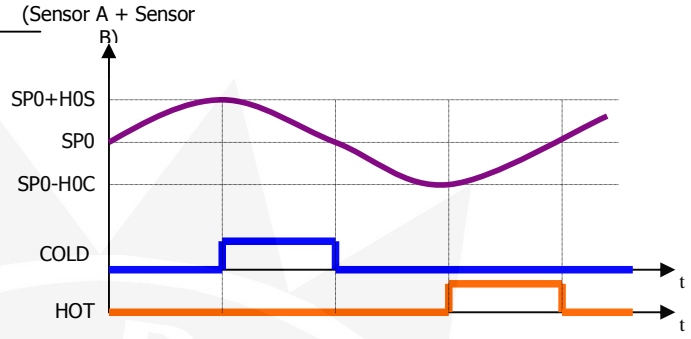


PRINCIPLE DIAGRAM – SINGLE-ZONE VERSION

SP0 set point
H0S,**H0C** hysteresis action hot/cold
SL0,**SH0** set point limits

Sensor B
ntc –50°C / +50°C
Connected to input S3
OFB: Offset sensor B

Sensor A
ntc –50°C / +50°C
Connected to input S1
OFA: Offset sensor A



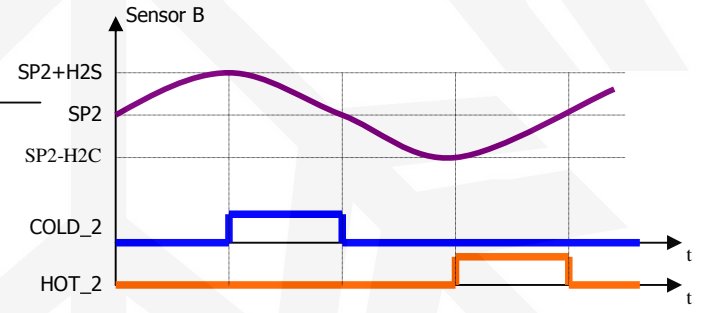
PRINCIPLE DIAGRAM – DOUBLE-ZONE MULTI-TEMPERATURE VERSION

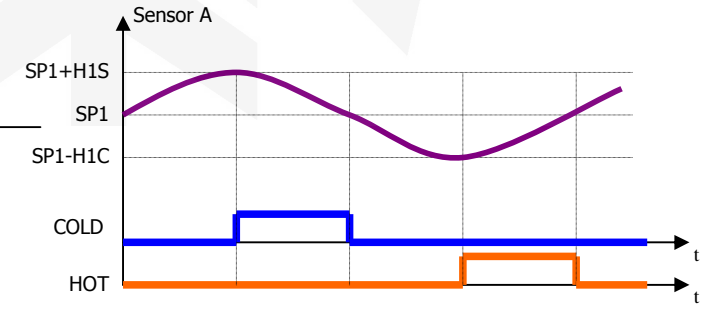
Z2: High Zone (hot)
SP2 set point zone 2
H2S,**H2C** hysteresis action hot/cold
SL2,**SH2** set point limits zone 2

Sensor B
ntc –50°C / +50°C
(sensor in hot zone)
Connected to input S3
OFB: Offset sensor B

Z1: Low Zone (Cold)
SP1 set point zone 1
H1S,**H1C** hysteresis action hot/cold
SL1,**SL1** set point limits zone 2

Sensor A
ntc –50°C / +50°C
(sensor in cold zone)
Connected to input S1
OFA: Offset sensor A





IMPORTANT NOTES (in case of double-zone)

- The two adjustments are completely independent and parallel.
- The calculation of the average times of Cold Action (compressor) is carried out only for zone 1.
- The calculation of the percentage of compressor use is carried out only for zone 1.
- The CPH failure (compressor time failure) is managed only for zone 1.
- The counting of compressor hours is carried out only for zone 1.
- The adjustment management in case of sensor failure is carried out only for zone 1.
- In case of sensor failure for zone 2, the adjustment is disabled.
- HACCP alarm management is carried out only for sensor of zone 1.

SINGLE-TEMPERATURE OPERATION

In case of single-zone, the adjusting temperature is calculated as the arithmetical average of readings from sensors A and B (including any possible offset)

Adjusting temperature = [Sensor_A (+OFA) + Sensor_B (+OFB)] /2

The adjusting parameters for single-zone operation are: SetPoint = **SP0**; Hysteresis = **H0S**, **H0C**
Anti-oscillation time = **ADL**; Adjusting delay = **CCD**

Therefore:
COLD ACTION enabled for Adjusting temperature >= SP0 + H0S
COLD ACTION disabled for Adjusting temperature <= SP0
If H0S =0 COLD ACTION is always disabled

HOT ACTION enabled for Adjusting temperature <= SP0 – H0C
HOT ACTION disabled for Adjusting temperature >= SP0
If H0C =0 HOT ACTION is always disabled

The setpoint programming limits are SL0 (Set point limit Low) and SH0 (Set point limit High)

Exit Matrix: In case of single-zone, the exit matrix defined by parameters PU1, PU2, PU3, PU4, PU5, PU6 is used.
The anti-oscillation timer is loaded to the value of parameter ADL upon enabling of the cold action, upon enabling of the hot action, upon disabling of the cold action and upon disabling of the hot action (upon enabling and upon disabling of all the actions). The anti-oscillation timer is only used upon enabling of the two cold and hot actions: the real enabling of the hot and cold actions only takes place when the anti-oscillation timer is elapsed.

MULTI-TEMPERATURE OPERATION

Zone 1 (low): Adjusting temperature = Sensor_A (+**OFA**)
Adjusting parameters Zone 1: Set Point = **SP1**; Hysteresis = **H1S**, **H1C**; Anti-oscillation time= **ADL**
Adjusting delay = **CCD**

Therefore:
COLD ACTION (zone 1) enabled for Adjusting temperature >= SP1 + H1S
COLD ACTION (zone 1) disabled for Adjusting temperature <= SP1
If H1S =0 COLD ACTION (zone 1) is always disabled

HOT ACTION (zone 1) enabled for Adjusting temperature <= SP1 – H1C
HOT ACTION (zone 1) disabled for Adjusting temperature >= SP1
If H1C =0 HOT ACTION (zone 1) is always disabled

The setpoint programming limits are **SL1** (Set point limit Low) and **SH1** (Set point limit High)

Zone 2 (high):): Adjusting temperature = Sensor_B (+OFB)
Adjusting parameters Zone 2: Set Point = **SP2**; Hysteresis = **H2S**, **H2C**; Anti-oscillation time = **ADL**
Adjusting delay = **CCD**

Therefore:
COLD ACTION (zone 2) enabled for Adjusting temperature >= SP2 + H2S
COLD ACTION (zone 2) disabled for Adjusting temperature <= SP2
If H2S =0 COLD ACTION (zone 2) is always disabled

HOT ACTION (zone 2) enabled for Adjusting temperature <= SP2 – H1C
HOT ACTION (zone 2) disabled for Adjusting temperature >= SP2
If H2C =0 HOT ACTION (zone 2) is always disabled

The setpoint programming limits are **SL2** (Set point limit Low) and **SH2** (Set point limit High)

Output Matrix: In case of double-zone, the output matrix defined by parameters PV1, PV2, PV3, PV4, PV5, PV6 is used.
The anti-oscillation is managed as in single-zone; two different timers are used for each single adjustment (adjustment of zone 1 and adjustment of zone 2)

Operation selection

The parameter MOD selects the single- or double-zone operation.
The same parameter enables or disables the menu for selecting the operating mode

MOD =0 → Single zone operation, menu for selecting the operating mode disabled
MOD =1 → Double zone operation, menu for selecting the operating mode disabled
MOD =2 → Single zone operation, menu for selecting the operating mode enabled
MOD =3 → Double zone operation, menu for selecting the operating mode enabled

If the menu for selecting the operating mode is disabled, the machine operation can not be changed (unless by means of the parameter MOD in the service/parameter menu). If the menu for selecting the operating mode is enabled, the MOD value can be changed directly from the menu "Use", in this case, MOD can be 2 or 3, according to the user's selection.

DEFROSTING MANAGEMENT

During the defrosting activity, the adjusting actions on zone 1 and zone 2 are inhibited.
All the adjusting actions on zone 1 and zone 2 remain inhibited until DRP seconds after completion of the defrosting (drop-time). In the case of defrosting with reversal (DCM <>0) the output referred to the cooling action (on zone 1 if double-zone operation) remains forced active. The activation of the hot action on zone 1 or of the hot action on zone 2 resets the ITD hour counting.

CONDENSER FAN MANAGEMENT

The condenser fans start up upon enabling the Cold Action (of zone 1 in the case of double zone operation). The condenser fans stop 30 seconds after the end of the Cold Action (of zone 1 in the case of double zone operation). The heating action (Hot Action) start and the adjustment of the second zone (Cold Action zone 2 and Hot Action zone 2) do not interact with the management of the condenser fan. The management of the condenser fans during the defrosting activity follows the trend set up from parameter FOP.

EVAPORATOR FAN MANAGEMENT

The evaporator fans are managed according to the state of the Cold Action (of zone 1 in the case of double zone operation). The heating action (Hot Action) start and the adjustment of the second zone (Cold Action zone 2 and Hot Action zone 2) do not interact with the management of the evaporator fan. The management of the evaporator fans during the defrosting activity follows the trend set up from parameter FOP

Evaporator fans in relation with the evaporator sensor temperature

Regardless to the state of the parameter FOP, the output to the evaporator fans is forced off if the evaporator sensor temperature is higher than FAS +5°C.

Evaporator fan output forced off if evaporator temperature >= FAS +5°C
Evaporator fan output can be switched on if evaporator temperature <= FAS

Evaporator fans independent from compressor

Set FOP =1 to enable the output to the evaporator fans independent from the compressor state (cooling action zone 1). This way, the output is always enabled (stated that evaporator temperature is lower than FAS).

Evaporator fans parallel to compressor

Set FOP =5 to enable the output to the evaporator fans dependent from the compressor state (cooling action zone 1). This way, the output is always enabled if the cooling action zone 1 is enabled, contrary, it is disabled if the cooling action zone 1 is disabled.

OUTPUT MATRIX

num	description
0	*No action (connected output always off)*
1	Cold action zone 1 (Compressor)
2	Cold action zone 1 denied (Compressor)
3	Neutral zone 1
4	Hot action zone 1
5	Hot action zone 1 denied
6	Cold action zone 2
7	Cold action zone 2 denied
8	Neutral zone Z2
9	Hot action zone 2
10	Hot action zone 2 denied
11	Defrosting
12	Defrosting denied
13	Evaporator fans
14	Condenser fans
15	Humidification
16	De-humidification
17	Auxiliary output
18	Cell Light Output (from micro-door input or key)
19	Alarm
20	Alarm denied
21	Printer supply output
22	Switching on state
23	Switching off state
24	Cold action zone 1 or De-humidification
25	Hot action zone 1 or humidification
26	Cold action zone 1 or Cold action zone 2
27	Hot action zone 1 or Hot action zone 2
28	Water level microswitch triggered
29	Hot action zone 1 or Defrosting
30	Hot action zone 1 or Evaporator fans

The output parameterisation is defined by parameters PU1,PU2,PU3,PU4,PU5,PU6 in case of single-zone, or PV1,PV2,PV3,PV4,PV5,PV6 in case of double-zone.

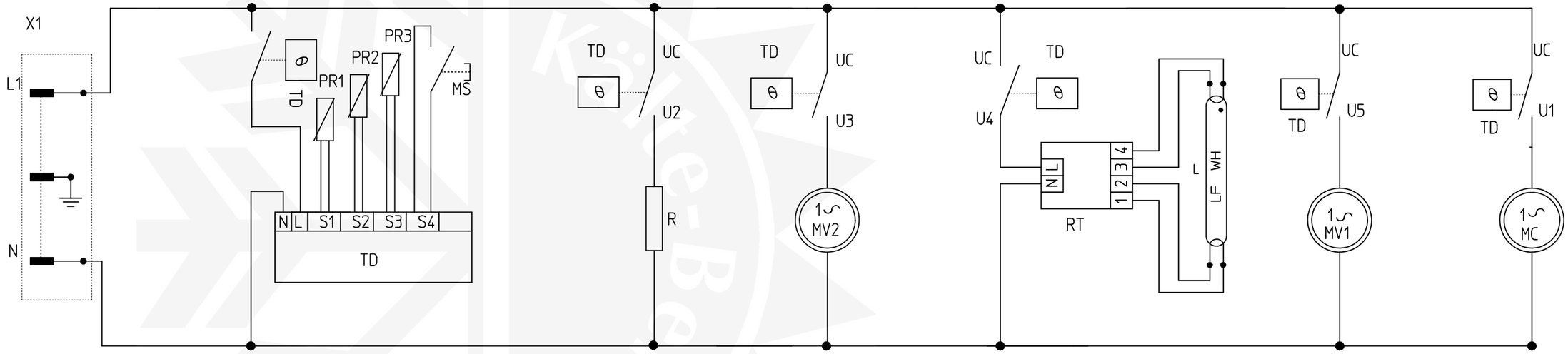
- PU1 and PV1 define the use of RL6 (relays 30A)
- PU2 and PV2 define the use of RL5 (relays 8A) referred to contacts U2B (na) and U2A (nc)
- PU3 and PV3 define the use of RL3 (relays 5A) referred to contact U3
- PU4 and PV4 define the use of RL2 (relays 5A) referred to contact U4
- PU5 and PV5 define the use of RL1 (relays 5A) referred to contact U5
- PU6 and PV6 define the use of RL4 (relays 5A) referred to contact U6

The value of the parameter PUx and PVx and meaning thereof are listed in the following table:

PARAMETRI HTWL BACCHUS LINE Code. 11.88.074 - 11.88.113 -- 5147.08

P	DESCRIZIONE	m	M	U	BACCHUS 32/40/60	
1	Indirizzo network seriale	0	99	flg	**1**	ADR
2	SuperParametro di impostazione della modalita' di funzionamento	0	3	flg	**3**	MOD
3	Parametro di configurazione ingressi (Input SetuP)	0	255	flg	**0**	ISP
4	Parametro di configurazione uscite (Output SetuP)	0	255	flg	**1**	OSP
5	Opzioni di visualizzazione	0	255	flg	**138**	VOP
6	Intervallo stringa titolo	0	255	sec	**255**	MES
7	Opzioni di microporta	0	2	flg	**2**	DIN
8	Minuti di apertura porta critici	2	60	min	**4**	DOO
9	Offset Sonda_A (PT_0 detta S1) Monotemperatura	-15.0	15.0	°C/°F	**0**	OMA
10	Offset Sonda_B (PT_2 detta S3) Monotemperatura	-15.0	15.0	°C/°F	**0**	OMB
11	Massima differenza di temperatura ammessa [Sb-Sa]	1.0	20.0	°C/°F	**7**	DTX
12	Tempo di ritardo allarme ri ricircolo [Sb-Sa]	1.0	250.0	min	**250**	DTD
13	Set Point (nel caso di funzionamento monozona)	-30	30	°C/°F	**12**	SP0
14	Isteresi azione raffreddante (nel caso di funzionamento monozona)	0.0	15.0	°C/°F	**1**	H0S
15	Isteresi azione riscaldante (nel caso di funzionamento monozona)	0.0	15.0	°C/°F	**1.5**	H0C
16	Limite minimo di impostazione di SET_0	-30	30	°C/°F	**2**	SL0
17	Limite massimo di impostazione di SET_0	-30	30	°C/°F	**20**	SH0
18	Offset Sonda_A (PT_0 detta S1) Multitemperatura	-15.0	15.0	°C/°F	**0**	ODA
19	Offset Sonda_B (PT_2 detta S3) Multitemperatura	-15.0	15.0	°C/°F	**0**	ODB
20	Set Point Zona 1 (zona fredda)	-30	30	°C/°F	**3**	SP1
21	Isteresi azione raffreddante Zona 1 (zona fredda)	0.0	15.0	°C/°F	**1**	H1S
22	Isteresi azione riscaldante Zona 1 (zona fredda)	0.0	15.0	°C/°F	**4**	H1C
23	Limite minimo di impostazione di SET_1	-30	30	°C/°F	**2**	SL1
24	Limite massimo di impostazione di SET_1	-30	30	°C/°F	**8**	SH1
25	Set Point Zona 2 (zona calda)	-30	30	°C/°F	**18**	SP2
26	Isteresi azione raffreddante Zona 2 (zona calda)	0.0	15.0	°C/°F	**3**	H2S
27	Isteresi azione riscaldante Zona 2 (zona calda)	0.0	15.0	°C/°F	**1**	H2C
28	Limite minimo di impostazione di SET_2	-30	30	°C/°F	**12**	SL2
29	Limite massimo di impostazione di SET_2	-30	30	°C/°F	**20**	SH2
30	Calibrazione sonda Umidita'	-30	30	%	**0**	HPO
31	Modalità di regolazione di umidificazione/deumidificazione	0	15	flg	**0**	URM
32	Set di Umidità	20	90	%	**60**	RH%
33	Isteresi di attivazione uscita di deumidificazione	0	20	%	**0**	HRH
34	Isteresi di attivazione uscita di umidificazione	0	20	%	**0**	HRL
35	Tempo di ritardo azione ventole condensatore in termostatazione	0	240	min	**15**	CND
36	Tempo minimo tra accensioni del compressore (antipendolamento)	15	240	sec	**240**	ADL
37	Tempo di ritardo regolazione dopo l'accensione	15	240	sec	**60**	ADS
38	Ritardo di regolazione	1	120	sec	**30**	CCD
39	Tempo compressore acceso durante guasto compressore	2	255	min	**6**	CON
40	Tempo compressore spento durante guasto compressore	2	255	min	**5**	COF
41	Percentuale Limite di utilizzo compressore (attivazione tempi CON-COF)	20	99	%	**98**	CPH
42	Tempo di sgocciolamento dopo lo sbrinamento	0	255	sec	**180**	DRP
43	Funzionamento del compressore durante lo sbrinamento	0	60	min	**0**	DCM
44	Opzioni di attivazione sbrinamento	0	255	flg	**5**	DOP
45	Intervallo di attivazione sbrinamenti	1	255	hrs	**6**	ITD
46	Defrost time Out	2	255	min	**90**	DTO
47	Temperatura di fine sbrinamento (riferito alla sonda evaporatore)	-50	50	°C/°F	**6**	DTE
48	Intervallo di tempo degli sbrinamenti suplementari	0	60	min	**0**	DEO
49	Opzione di attivazione ventole evaporatore/condensatore	0	255	flg	**3**	FOP
50	Set point ventola evaporatore	-50	50	°C/°F	**45**	FAS
51	Ritardo attivazione ventola evaporatore dopo lo sbrinamento	0	255	sec	**15**	FAD
52	Set point ventola evaporatore durante lo sbrinamento	-50	50	°C/°F	**1**	FSD
53	Isteresi di attivazione/disattivazione fan evap in Warm-Air-Lock	0.5	5.0	°C/°F	**1.5**	HYW
54	Differenziale di allarme di bassa temperatura	-30	-2	°C/°F	**-5**	ALL
55	Differenziale di allarme di alta temperatura	2	60	°C/°F	**5**	ALH
56	Ritardo intervento allarme	2	255	min	**90**	ALD
57	Ritardo di allarme dopo accensione, dopo sbrinamento, durante carico cella	2	255	min	**120**	ADD
58	Opzioni di termoregistrazione	0	9	flg	**0**	LOG
59	Intervallo di campionamento termoregistrazione	1	120	min	**1**	SPT
60	Numero di cicli da eseguire nella fase_1 e nella fase_7 di INFOTEST	1	5	flg	**3**	CYC
61	Numero di cicli di stabilizzazione fase_0 e nella fase_6 di INFOTEST	1	5	flg	**3**	STA
62	Temperatura di Pull-up fase_4 in Infotest	-30	30	°C/°F	**15**	ETT
63	Modalita' di stampa	0	3	flg	**0**	PRT
64	Configurazione Uscita U1 (rele' 30A) - Funzionamento Monozona	0	255	flg	**1**	PU1
65	Configurazione uscita U2 (rele' 8A) - Funzionamento Monozona	0	255	flg	**4**	PU2
66	Configurazione uscita U3 (rele' 5A) - Funzionamento Monozona	0	255	flg	**13**	PU3
67	Configurazione uscita U4 (rele' 5A) - Funzionamento Monozona	0	255	flg	**18**	PU4
68	Configurazione uscita U5 (rele' 5A) - Funzionamento Monozona	0	255	flg	**29**	PU5
69	Configurazione uscita U6 (rele' 5A) - Funzionamento Monozona	0	255	flg	**0**	PU6
70	Configurazione Uscita U1 (rele' 30A) - Funzionamento Bizona	0	255	flg	**1**	PV1
71	Configurazione uscita U2 (rele' 8A) - Funzionamento Bizona	0	255	flg	**9**	PV2
72	Configurazione uscita U3 (rele' 5A) - Funzionamento Bizona	0	255	flg	**32**	PV3
73	Configurazione uscita U4 (rele' 5A) - Funzionamento Bizona	0	255	flg	**18**	PV4
74	Configurazione uscita U5 (rele' 5A) - Funzionamento Bizona	0	255	flg	**29**	PV5
75	Configurazione uscita U6 (rele' 5A) - Funzionamento Bizona	0	255	flg	**0**	PV6
	PASSWORD	0	255	flg	**7**	

S.39582	Redatto: F.Viarino	Rev.09- 31-01-08	Modificato: CND (era 30);CCD (era 4); CON (era 4); COF (era 4); ADL (era 180)
	Controllato: Fossati	Firmware 5147-08	



TD	TERMOSTATO ELETTRONICO	ELECTRONIC THERMOSTAT
MS	MICROPORTA	DOOR SWITCH
PR1	SONDA TERMOSTATO	THERMOSTAT PROBE
PR2	SONDA FINE SBRINAMENTO	END DEFROS PROBE
PR3	SONDA TERMOSTATO	THERMOSTAT PROBE
R	RESISTENZA	HEATER
MV2	MOTOVENTOLA INTERNA	INTERNAL MOTORFAN
RT	REATTORE	BALLAST
L	LAMPADA	LAMP
MV1	MOTOVENTOLA ESTERNA	EXTERNAL MOTORFAN
MC	MOTOCOMPRESSORE	COMPRESSOR

INDEX	DATE	MODIFY	NAME
.	.	.	.

AUTHOR filippo VIARINO
CONT. FOSSATI
APPR. BOVO

GENERAL TOLERANCE
ISO 2768-MK

DATE 15-04-2009
MATERIAL
LAST UPDATE
DESCRIPTION
SCALE 1:1
SIZE A3
MODEL BACCHUS GENIUS
CODE 26.96.371