



ISTRUZIONI PER LA MODIFICA DEI PARAMETRI  
DELLA CENTRALINA ELETTRONICA

PARAMETERS MODIFICATION  
OF ELECTRONIC CONTROL PANEL

INSTRUCTIONS POUR LA MODIFICATION  
DES PARAMETRES UTILISATEUR

ANLEITUNGEN ZUR PARAMETERÄNDERUNG DER  
ELEKTRONISCH. KONTROLLTAFEL

INSTRUCCIONES PARA LA MODIFICACION  
DE LOS PARAMETROS DE LA CENTRALITA ELECTRONICA

AS R – ZM - ZS

**ID 975 ZANOTTI**



## HOW TO CHANGE A PARAMETER VALUE

To access the Programming menu, hold the “set” button for more than 5 seconds.

To scroll the folders, use the “UP” and “DOWN” buttons.

To enter the folder, press “set”. The label of the first visible parameter will appear.

To scroll through the other parameters, use the “UP” and “DOWN” buttons.

To change the parameter, press and release “set”, then set the desired value using the “UP” and “DOWN” buttons and confirm with the “set” button. Move on to the next parameter.

To come back to the previous folders, use the “ON/OFF” button.

**PLEASE NOTE:** We strongly recommend that you switch the instrument off and on again each time parameter configuration is changed in order to prevent malfunctioning of the configuration and/or ongoing timings.

## SETTING VALUES AS R – ZM - ZS

	COMPRESSOR (folder with “CP” label)	Units	M ASR	B ASR	M ZM/ZS	B ZM/ZS
diF	diFferential. Compressor relay intervention differential; the compressor stops when the Set point value is reached (as indicated by the control probe), and restarts at temperature value equal to the Set point plus the value of the differential. Note: cannot be 0.	°C/°F	2	2	2	2
HSE	Higher SEt. Maximum possible set point value.	°C/°F	10	-15	10	-15
LSE	Lower SEt. Minimum possible set point value.	°C/°F	-5	-25	-5	-25
Ont	On time (compressor). Compressor activation time in the event of a faulty probe. If set to “1” with Off at “0” the controller is always on whereas if Off >0 it operates in duty cycle mode.	min	15	15	15	15
OfT	OFF time (compressor). Compressor in disabled state time in the event of a faulty probe. If set to “1” with Ont at “0” the compressor is always off whereas if Ont >0 it operates in duty cycle mode	min	30	30	30	30
dOn	delay (at) On compressor. Delay in activating compressor relay after switch-on of instrument.	min	0	0	0	0
dOF	delay (after power) OFF. Delay after switch off; the indicated time must elapse between switch-off of the compressor relay and the subsequent switch-on.	sec	0	0	0	0
dbi	delay between power-on. Delay between switch-ons; the indicated time must elapse between two subsequent switch-ons of the compressor.	min	2	2	2	2
OdO	delay Output (from power) On. Delay time in activating outputs after switch-on of the instrument or after a power failure.	min	0	0	0	0
	<b>DEFROST (folder with “dEF” label)</b>					
dtY	defrost type. Type of defrost. 0 = electrical defrosting; 1 = cycle reversing defrosting (hot gas); 2 = Free mode defrosting (compressor disabled).	flag	1	1	0	0
dit	defrost interval time. Period of time elapsing between the start of two defrosting operations. Expressed in hours (default)/min/sec depending on dt1	h/min/sec	4	4	4	4
dCt	defrost Counting type. Selection of defrosting time count mode. 0 = compressor operating hours (DIGIFROST®) method ; 1 = Real Time — device operating hours; 2 = compressor shut-down.	flag	1	1	1	1
dOH	defrost Offset Hour. Start of defrost delay time from start-up of instrument.	min	0	0	0	0
dEt	defrost Endurance time. Defrosting time-out; determines maximum duration of defrosting. Expressed in hours/min (default)/sec according to dt2	min/sec	20	20	30	30
dSt	defrost (at) Stop temperature. End of defrosting temperature (determined by evaporator probe).	°C/°F	15	15	8	8
dPO	defrost (at) Power On. Determines if the instrument must start defrosting at start-up (provided the temperature measured by the evaporator allows it) y = yes, n = no, does not start	flag	n	n	n	n
	<b>FAN (folder with “FAn” label)</b>					
FSt	Fan Stop temperature. Fan stop temperature; a value read by the evaporator probe that is higher than the set value causes the fans to stop.	°C/°F	30	30	30	30
FAd	FAn differential. Fan activation intervention differential (see par. “FSt” and “Fot”).	°C/°F	2	2	2	2
Fdt	Fan delay time. Delay time between start-up of fan after defrosting. drainage time.	min	3	3	3	3
dt	Dripping time.	min	2	2	2	2
dFd	defrost Fan disable. Used to select exclusion of evaporator fans during defrosting. y = yes; n = no.	flag	y	y	y	y
FCO	Fan Compressor OFF. Used to select fan stop when compressor is switched OFF. y = fans active (with thermostat; in response to the value read by the defrost probe, see “FSt” parameter); n = fans off; dc = duty cycle (using parameters “Fon” and “FoF”).	flag	n	n	n	n
	<b>ALARMS (folder with “AL” label)</b>					
AFd	Alarm Fan differential. Alarm differential.	°C/°F	2	2	2	2
HAL	Higher ALarm. Maximum temperature alarm. Temperature value (considered as absolute value or distance from Set point based on Att) which if gone above triggers the alarm signal. <b>If the alarms are relative, the parameter HAL is set to positive values and LAL to negative values.</b>	°C/°F	5	5	5	5
LAL	Lower ALarm. Minimum temperature alarm. Temperature value (considered as an absolute value or distance from Set point based on Att) which if gone below triggers the alarm signal. <b>If the alarms are relative, the parameter HAL is set to positive values and LAL to negative values.</b>	°C/°F	-5	-5	-5	-5
PAO	Power-on Alarm Override. Alarm exclusion time after instrument start-up, after a power failure. <b>Refers exclusively to high and low temperature alarms.</b>	ore	3	4	3	4
dAO	defrost Alarm Override. Alarm exclusion time after defrost.	min	60	60	60	60
tAO	temperature Alarm Override. Temperature alarm signal delay time. Refers exclusively to high and low temperature alarms.	min	0	0	0	0

		Units	M ASR	B ASR	M ZM/ZS	B ZM/ZS
	<b>COMMUNICATION (folder with "Add" label)</b>					
dEA	dEvice Address. Indirizzo dispositivo: indicates the device address to the management protocol.	num	0	0	0	0
FAA	FAmily Address. Indirizzo famiglia: indicates the device family to the management protocol.	num	0	0	0	0
	<b>DISPLAY (folder with "diS" label)</b>					
LOC	(keyboard) LOCK. Keyboard locked. However, you can still access the parameter programming menu and modify parameters including the status of this parameter to allow keyboard unlocking. y = yes (keyboard locked); n = no.	flag	n	n	n	n
PA1	PASsword 1. When enabled (value is not 0) it represents the access key to level 1 parameters.	num.	0	0	0	0
ndt	number display type. Display with decimal point. y = yes; n = no.	flag	y	y	y	y
CA1	CAlibration 1. Positive or negative temperature value added to the value read by probe 1, based on "CA" parameter settings.	°C/°F	0	0	0	0
CA2	CAlibration 2. Positive or negative temperature value added to the value read by probe 2, based on "CA" parameter settings.	°C/°F	0	0	0	0
ddl	defrost display Lock. Display mode during defrosting. 0 = displays the temperature read by the thermostat control probe; 1 = locks the reading on the temperature value read by thermostat control probe when defrosting starts until the next time the Set point value is reached; 2 = displays the label "deF" during defrosting until the next time the Set point value is reached.	flag	1	1	1	1
dro	display read-out. Select °C or °F to display temperature read by probe. 0 = °C, 1 = °F. N. B.: switching from °C to °F DOES NOT modify set points, differentials, etc. (for example, set point=10°C becomes 10°F).	flag	0	0	0	0
	<b>CONFIGURATION (folder with "CnF" label)</b>					
H00	For selection of probe type, PTC or NTC. 0 = PTC; 1 = NTC.	flag	1	1	1	1
reL	reLease firmware. Device version: read only parameter.	-	-	-	-	-
Tab	tAble of parameters. Reserved: read only parameter.	-				
	<b>PRESSURE SWITCH (folder with "PrE" label)</b>					
Pen	Pressure switch activation number	num	10	10	10	10
Pei	Pressure switch interval	min	60	60	60	60