

CTRL-MAX

USER AND PROGRAMMING MANUAL



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CTRL-MAX

1. DESCRIPTION

The CTRL MAX is specially designed for the recovery units, allowing the management and supervision of the integral operation of this type of unit with all its functionalities and accessories, such as refrigeration / freezing management, fixed or variable speed fans, heating or cooling water coils and electric resistance coils, monitoring the filter filling status, time scheduling and constant flow control or air quality control. Its elegantly designed screen makes it easy to view and control or operate the unit in a simple and intuitive way.

2. INSTALLATION

Like any equipment, the CTRL MAX must be installed correctly, put into operation and subject to periodic verification to guarantee or its correct operation from the time of commissioning and during the life of the equipment, the following recommendations must be fulfilled, when they are valid for the equipment concerned.

warnings

- The mains supply to which the appliance is connected must comply with current regulations.
- The appliance must be properly connected to an appropriate ground connection, as provided in the current electrical safety regulations. In case of doubt request or control the network by qualified professionals.
- The appliance must only be installed and used in accordance with current regulations, for or for the purpose for which it was designed. Installing and using it differently or with foreign accessories can be dangerous.
- The manufacturer shall not be liable for any damage resulting from improper installation, use or maintenance, and / or from repairs by unqualified personnel.
- Read this manual in its entirety before using or equipping.
- Always use or wiring diagram supplied with the unit.
- Preserve this equipment manual and / or wiring diagram for future reference.

3. MAINTENANCE

The CTRL MAX has no periodic verification to correctly execute the function for which it has been designed. The frequency with which the verification is performed depends on the environmental characteristics in which the equipment is inserted and the number of hours of operation, therefore, or indicated below, should be considered as a guide.

Operations to be carried out:

- Check the condition of the electrical connections.
- Check if the temperature probe readings are correct.
- Check whether the flow / pressure sensor readings are correct.
- Check if the readings of the CO₂ probes are correct.
- Check that the register and the actuator are working correctly.
- Check that the pressure switches are working correctly.
- Check that the valves on the heating / cooling coil operate correctly.
- Check that the safety systems, in particular the safety thermostats of the coils of electrical resistors, are working correctly.
- Check or aim all screws.
- Check or check wiring and electrical connections, replacing them if necessary.
- Check if the equipment is working correctly.
- General cleaning.

Frequency of maintenance: Semester

4. EQUIPMENT WARRANTY

Casals ventilación warrants this product against all manufacturing defects for a period of 2 (TWO) years after the date of purchase.

The technical assistance in guarantee, will only be provided upon presentation of the purchase document, which proves that or equipment is within the warranty period.

If Casals ventilación or its Authorized Technical Services will, during the warranty period or product experience problems resulting from manufacturing defects, proceed without charge to repair at their premises or (at the discretion of Casals ventilación) to replace the product or place at the disposal of the customer components to replace the defective ones in accordance with the following conditions.

Casals ventilación reserves the right, by its own discretion, to replace the components of defective products or products of small value, either by new components or products, or by components or recycled products. This warranty covers only or equipment not being assumed costs and losses that may result from equipment shutdown, so these are expressly excluded.

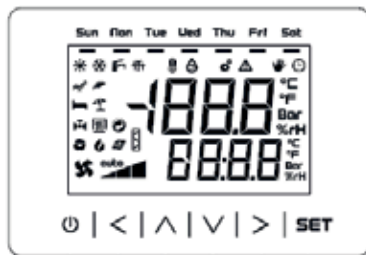
Warranty exclusions

- Natural wear parts.
- Parts subject to deterioration or starting, for example, belts, filters, fuses, etc.
- Damage caused by misuse, abuse, neglect, negligence, lightning, flooding, dampness, falls, crashes, accidents and transportation.
- Damage caused by the use of equipment for unintended purposes.
- Damage caused as a result of manipulation, modification or repair of the equipment by unauthorized persons or technical services or by the application of improper parts or accessories.
- Damage caused by improper or illegal installation (voltage, or other), power failure, failure to follow instructions.
- Aesthetic wear or deterioration caused by use, changes in tone, oxidation or corrosion of the appliance or its components.
- An eventual repair does not have effect of prolonging the guarantee, nor does it give right to any indemnisation.






The warranty will not be valid when:

- Make sure that the equipment nameplate has been tampered with or tampered with.
- False data is provided.
- The equipment is not accompanied by the purchase document.
- The equipment has been tampered with, modified or repaired by unauthorized persons or technical services.
- Verification / maintenance operations are not carried out or are carried out by unauthorized technicians.

5. DISPLAY
















5.1 BUTTONS

	On / Off (allows to turn the equipment on and off - press for 2 seconds - and go back to the previous menu or window - press briefly).
	Left (allows you to scroll through the windows of the selected menu).
	Top (allows you to scroll through menus and increase parameter values).
	Low (allows you to scroll through menus and decrease parameter values).
	Right (allows you to scroll through the windows of the selected menu).
SET	SET / ENTER (allows entering the menus, storing changed values).

When the unit is turned off, there is a delay, so the unit will only turn off about 30 seconds after the order to switch off and remains in operation during this time, even if the display shows OFF.

5.2 SYMBOLS

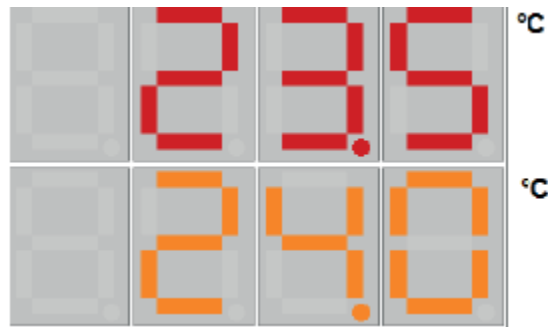
	<ul style="list-style-type: none"> - If this symbol is off the unit is in winter mode - If this symbol is flashing the unit is in automatic summer mode - If this symbol is lit the unit is in manual summer mode
	<ul style="list-style-type: none"> - If this symbol is off the unit is in summer mode - If this symbol is flashing the unit is in automatic winter mode - If this symbol is lit the unit is in manual winter mode
	<ul style="list-style-type: none"> - If this symbol is off, there are no alarms - If this symbol is lit, there is at least one active alarm
	<ul style="list-style-type: none"> - If this symbol is off it is in the main window - If this symbol is lit in the setup menu
	<ul style="list-style-type: none"> - If this symbol is off, the time - If this symbol is lit the unit is in manual mode
	<ul style="list-style-type: none"> - If this symbol is off the unit is in manual mode - If this symbol is lit, the time
	<ul style="list-style-type: none"> - If this symbol is off, the Fans are stopped - If this symbol is lit, at least one fan
	<ul style="list-style-type: none"> - If this symbol is turned off, the electrical resistances are off - If this symbol is lit, electrical resistors are connected
	<ul style="list-style-type: none"> - If this symbol is off or registration is closed - If this symbol is lit or register is open
	<ul style="list-style-type: none"> - If this symbol is flashing indicates the day of the week in which programming is being performed or modification of schedule - If this symbol is lit or indicates day of the week
	<ul style="list-style-type: none"> - If this symbol is on, it is active or Comfort mode.
	<ul style="list-style-type: none"> - If this symbol is on, it is active or Economy mode
	<ul style="list-style-type: none"> - If this symbol is lit, it is active or Night mode
	<ul style="list-style-type: none"> - If this symbol is lit it is active or Vacation mode
	<ul style="list-style-type: none"> - If this symbol is off there is no request for temperature control - If this symbol is on, there is a request for temperature control
auto	<ul style="list-style-type: none"> - If this symbol is off or the fan control is in manual mode - If this symbol is on or the fan control is in automatic mode
	<ul style="list-style-type: none"> - This symbol shows the fan speed
	<ul style="list-style-type: none"> - If this symbol is off the first coil is inactive - If this symbol is lit the first coil is active
	<ul style="list-style-type: none"> - If this symbol is off the second coil is inactive - If this symbol is lit the second coil is active
	<ul style="list-style-type: none"> - This symbol at the top of the display shows the unit of the value being read - This symbol at the bottom of the display shows the value unit that is set

5.3 WINDOWS

The display allows you to view the windows with information about the active functions, to access the various use the Left / Right buttons. Within each window you can use the Up / Down buttons to view information.

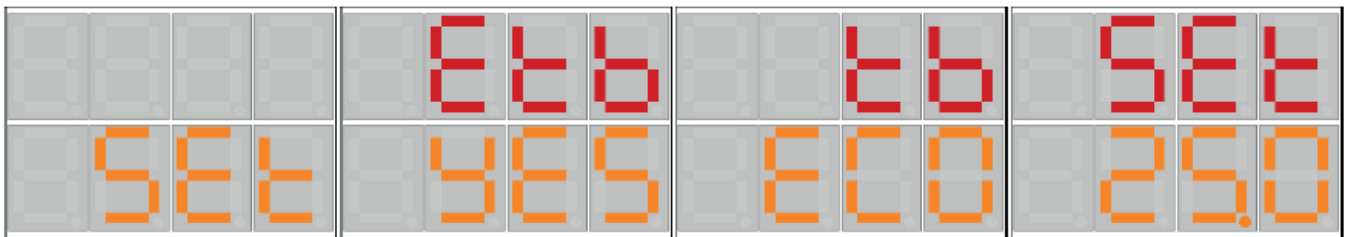
5.3.1 MAIN WINDOW

The main window allows you to view the temperature reading on the upper line and on the lower line the set-point acts.



5.3.2 ADJUSTMENT WINDOW (SEt)

In this window it is possible to enable or operate by hourly programming (Etb), display the current hour range (tb) and the current set-point (Set)



5.3.3 FAN WINDOW (FAnS)

In this window it is possible to visualize the probe / fan control sensor (Reg), corresponding the indicated value temperature reading (without decimals), CO₂ probe reading (ppm in tens), or sensor reading pressure (Pa in tens). You can also view the status and percentage value of the speed (when applicable) of the blower (SUP) and display the status and percentage value of the speed (where applicable) of the extraction fan (rEt).

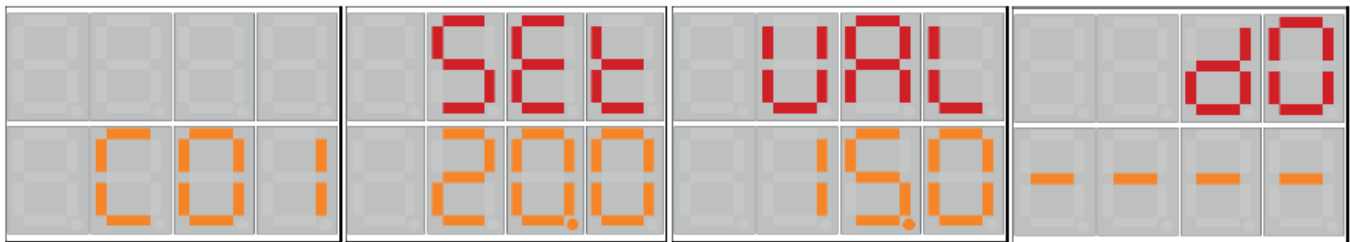


In cases where the regulation of the fans is manual, its adjustment is made in the main window by pressing the UP or LOW buttons for a few seconds (until you hear a second confirmation sound signal) to increase or decrease the rotation speed of the fans. Variations are made in steps of 5%. The variation is applied simultaneously to the supply and return fan.

5.3.4 COIL WINDOW 1 (CO1)

In this window you can see the current set-point (Set), the percentage of required action of the coil valve (VAL) and its state (dO). Regarding the status information you can see the following information:

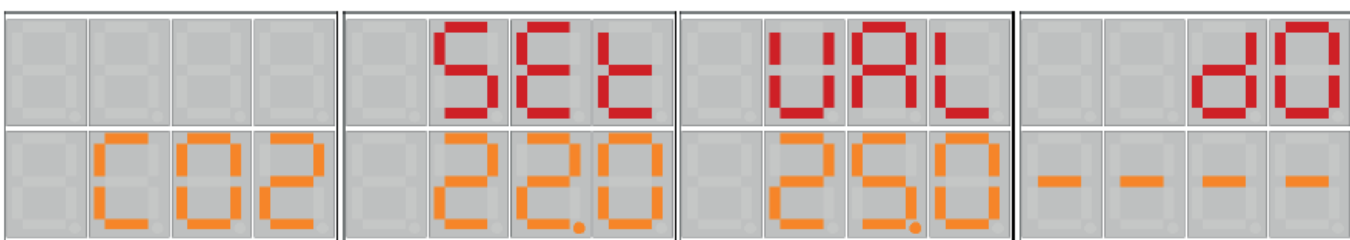
-----	No coil configured
CLOS	Closed modulating valve
OPnG	Modulating valve to open
OPEN	Modulating valve open
CLnG	Modulating valve to close
ALIN	Modulating valve to restart
OFF	Valve on / off closed
ON	Open on / off valve



5.3.5 COIL WINDOW 2 (CO2)

In this window you can see the current set-point (Set), the percentage of required action of the coil valve (VAL) and its state (dO). Regarding the status information you can see the following information:

-----	No coil configured
CLOS	Closed modulating valve
OPnG	Modulating valve to open
OPEN	Modulating valve open
CLnG	Modulating valve to close
ALIN	Modulating valve to restart
OFF	Valve on / off closed
ON	Open on / off valve



5.3.6 WINDOW OF THE ELECTRICAL COIL RESISTORS (rES)

In this window you can see the current set-point (Set) and the actuation status and the number of steps (dO)



5.3.7 BYPASS REGISTRY WINDOW (dAnP)

In this window you can see the percentage of required action of the bypass register for free-cooling or free-heating (FCH) and its status (dO). Regarding the status information you can see the following information:

-----	No registry configured
CLOS	Closed modulating actuator
OPnG	Modulating actuator to open
OPEN	Open modulating actuator
CLnG	Modulating actuator to close
ALIN	Modulating actuator to restart
OFF	Actuator on / off closed
ON	Open on / off accessory



5.3.8 RECOVERY WINDOW (rECO)

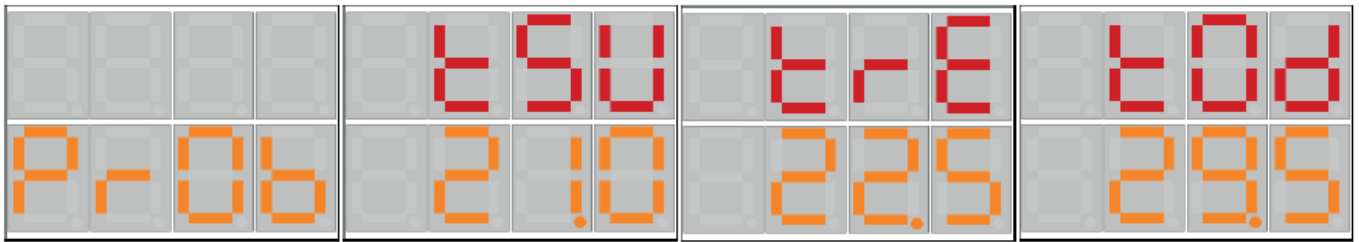
In this window you can see relative to the heat recovery, in particular the state (StS) and the recovery request (dO) is active.



5.3.9 WINDOW OF PROBES / SENSORS (PrOb)

In this window you can see the reading of all the sensors indicated below, applicable.

tSU	Air temperature at supply
trE	Air temperature at extraction
tOd	Outside air temperature
PSU	Pressure in the supply fan
PrE	Pressure in the exhaust fan
Alr	Air quality in the extraction



6. MAIN MENU

The main menu is the menu from which you access the other control menus. You can access this menu from any menu or window by pressing the SET button for 2 seconds. From this menu it is possible to select the desired menu with the UP / DOWN buttons and press CONFIGURE to confirm.

The available menus are:

USEr	User
tb	Schedule
MAIn	Maintenance
InSt	Installation
Rtc	Clock
ALAR	Alarm
HiSt	Historical
SAvE/rEst	Save / Delete
InFO	information

If the indication "V" in the lower right corner of the screen indicates that there is more information that can be seen using the UP / LOW buttons.

6.1 UTILIZER MENU (USEr)

The user menu is a level 1 menu, so it is not password protected allowing you to view and / or modify the constant parameters of this menu. This menu contains the following parameters:

(nOd)	Summer / Winter mode / automatic
(StC)	Summer mode set-point
(StH)	Set-point Winter mode
(SCC)	Set-point cooling mode Comfort mode
(SCH)	Set-point heating mode Comfort mode
(OEC)	Offset cooling Economic mode
(OEH)	Heating offset economically
(OnC)	Offset cooling night mode
(OnH)	Heat mode offset at night
(FSC)	Comfort mode set-point fans
(FSE)	Set-point fans mode economical
(FSn)	Set-point fans Night mode
(F40)	Set-point constant flow contribution
(F42)	Set-point constant extraction rate
(bYn)	Enable or disable display lighting
(bYu)	Intensity of the display illumination
(bYt)	Display lighting time

Note: some additional parameters may appear, but they are not used, so they are not described or mentioned.

6.2 TIME PROGRAMMING MENU (tb)

This menu allows the configuration of the time schedule. To enter this menu you must select the tb menu and press SET. This menu contains the following parameters:

- Enable or disable time programming (Enb)
- Carry out time programming (SEt)

When SEt is selected, it enters the configuration of the time schedule, appearing at the top of the display the current day of the week (fixed line) and the day of the week (flashing line) for which you wish to make or change the time schedule.

Once you have defined the day with the Left or Right buttons, pressing SET allows you to define Comfort (CONF), Economy (ECO), Night (nIHT), Off (OFF) or Disabled mode (- - - with the UP / LOW buttons) the first time slot (F1)

Pressing the LOW button shows the time at which time slot 1 starts. Pressing SET and using the UP / DOWN and LEFT / RIGHT buttons allows you to set this time.

By pressing the LOW button it is possible to define the remaining 3 time slots for each day.

Repeat the procedure for each day of the week

- Define a holiday period and its way of functioning (HOL1)

Days of vacation duration (dAY)

Hours of vacation duration (HrS)

Operating mode (tyP) - on or off

Note1: In order for the time schedule to work, the date and time must be set correctly in the clock (RTC) menu

Note2: If the ON / OFF contact is used, it allows to enable or disable the operation of the equipment. If it is enabled, it will follow the defined time schedule.

6.3 MAINTENANCE MENU (MAIn)

The maintenance menu allows to view or status of the various devices, inputs and outputs, being a level 2 menu so it is password protected. To access this menu you must enter the maintenance password (or higher level) to view and / or modify the parameters that appear in this menu. This menu contains the following parameters / menus:

Cntr	Functioning
MAnU	Manual
CAL	Calibration
I-O	State inputs and outputs
PSd	Maintenance password

The operating menu (Cntr) allows to visualize / change the characteristics related to the operation of the fans, electrical resistances, among others, allowing to visualize, the number of hours of operation and the maximum number of hours accepted. By pressing the Left button, you can see the date of the last maintenance and update it.

The manual menu (MAnU) allows to define the operating values of the fans in manual mode.

The calibration menu (CAL) allows you to enter corrections to the values of the probes for calibration.

The inputs and outputs (I-O) status menu allows you to see all the inputs and outputs of the controller.

The password maintenance menu (PSD) allows you to change the access password to the maintenance menu.

6.4 INSTALLATION MENU (InSt)

In this menu are all the parameters related to the configuration of all the functionalities (alarms, regulation, control logic, characteristics) used in the controller.

The installation menu is a level 3 menu so it is password protected. To access this menu, you must enter the installer password (or higher level password) to view and / or modify the parameters that appear in this menu.

This menu contains the following parameters / menus:

SEt	Definition
REG	Regulation
FAnS	Fans
COIL	Coil
dAMP	Registry
rECO	recuperator
SECU	Security
MbUS	Modbus
OtHr	Others
Ajustar	Restart
COnF	Configuration
Hard	Hardware
PSD	installation password

The configuration menu (SEt) allows you to configure the main characteristics of the unit.

The regulation menu (REG) allows to visualize / modify the parameters relative to some specific characteristics, such as the configuration of the probe and the limits for the automatic summer / winter switching, the definition of the regulation probe, among others

The menus Fans (FAnS), coil (COIL), register (dAMP) and Recuperator (rECO) allow you to define the parameters related to the management of these components.

In the security menu (SECU) are the parameters related to the alarms and the management of the security devices that protect the unit.

The modbus menu (Mbus) contains all the parameters related to the configuration of the communication network.

The other menu (OtHr) contains other general parameters of configuration of the control and its functionalities, such as definition of units of measurement, polarities of the analog outputs, elimination of the history, among others.

The restore menu allows you to reset the default value of all parameters.

The configuration menu (CO_nF) allows to visualize / modify the parameters related to the characteristics of the unit to be controlled.
 El menú Hardware (Hard) contiene los parámetros relacionados con el uso de las entradas y salidas del controlador.
 El menú de configuración de contraseña (PSD) permite cambiar la contraseña de acceso al menú de instalación.

6.5 CLOCK MENU (Rtc)

This menu contains all the functionalities of the RTC (Real Time Clock) system.
 To enter this menu you must select the Rtc menu and press SET.
 This menu contains the following parameters:

(dAY)	Day
(Mon)	Month
(YEA)	Year
(H)	Hour
(Min)	Minute
(SAVE)	save

To select the various parameters, use the UP / DOWN buttons, press SET to select the value to be modified, use the UP / DOWN buttons to modify the value and press SET to save.

6.6 ALARM MENU (ALAR)

This menu allows to see and eliminate the operating alarms that may exist. If there are no alarms, the message "NO ALARMS" appears.
 If there is more than one alarm, use the LOW button to go to the next alarm.
 Press the SET button for 2 seconds to clear the alarm if the conditions that generate the alarm are no longer active.
 Before eliminating alarms it is fundamental to perceive their cause and eliminate it.

6.7 HISTORICAL MENU (HiSt)

This menu allows you to view the alarm history.
 When entering this menu, the last registered alarm appears. To see the previous alarms press the SET button, repeating the procedure to scroll through the alarm history.
 Pressing the ON / OFF button or waiting 60 seconds without pressing any button, go back to the previous window.

6.8 INFORMATION MENU (InFO)

This menu allows you to view the information regarding the software and firmware version of the controller and it is displayed as follows:
 Software version
 Software number <-> Software version <-> Software review <->
 Firmware number <-> Firmware version <-> Firmware revision <->
 To stop this information use the UP / DOWN buttons. To exit this menu press the ON / OFF button.

7. CONTROLLER PARAMETERS

Below is the structure of parameters that allow the management of the controller, existing within each element of the structure the various parameters.

OR	Clock menu
UT	User menu
TB	Time tracks / time schedule
MA	Maintenance menu
MA-F	Maintenance menu - operation sub-menu
MA-M	Maintenance menu - manual submenu
MA-CA	Maintenance menu - calibration sub-menu
IS	Installation menu
IS-R	Installation menu - regulation sub-menu
IS-F	Installation menu - Fans submenu
IS-B	Installation menu - coil submenu
IS-SE	Installation menu - registration submenu
IS-RH	Installation menu - recovery submenu
IS-S	Installation menu - security submenu
IS-M	Installation menu - modbus submenu
IS-V	Installation menu - submenu others
IS-D	Installation menu - reset submenu
IS-C	Installation menu - configuration sub-menu
IS-AI	Installation menu - AI hardware submenu
IS-DI	Installation menu - DI hardware parameters submenu
IS-AO	Installation menu - AO hardware parameters sub-menu
IS-DO	Installation menu - hardware parameter submenu DO

7.1 LIST OF PARAMETERS

Whenever any change is made in the parameterization of the controller, it is necessary to restart it, removing and supplying power again. Note that not all parameters or features are available.

CODE	DESCRIPTION OF THE PARAMETER	MÍN	MÁX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
	Monday band type 1 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Monday of the time slot 1	00:00:00	23:59:59		TB	
	Monday band type 2 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Monday of time slot 2	00:00:00	23:59:59		TB	
	Monday band type 3 0: Disabled 1: OFF 2: Comfort 3: Economical 4: Night	0	4		TB	
	Monday from time slot 3	00:00:00	23:59:59		TB	
	Monday band type 4 0: Disabled 1: OFF 2: Comfort 3: Economical 4: Night	0	4		TB	
	Monday of time slot 4	00:00:00	23:59:59		TB	
	Tuesday band type 1 0: Disabled 1: OFF 2: Comfort 3: Economical 4: Night	0	4		TB	
	Tuesday of the type 1 strip	00:00:00	23:59:59		TB	
	Tuesday band type 2 0: Disabled 1: OFF 2: Comfort 3: Economical 4: Night	0	4		TB	
	Tuesday of the type 2 strip	00:00:00	23:59:59		TB	

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
	Tuesday band type 3 0: Disabled 1: OFF 2: Comfort 3: Economical 4: Night	0	4		TB	
	Tuesday of the type 3 strip	00:00:00	23:59:59		TB	
	Tuesday band type 4 0: Disabled 1: OFF 2: Comfort 3: Economical 4: Night	0	4		TB	
	Tuesday of the type 4 strip	00:00:00	23:59:59		TB	
	Wednesday band type 1 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Wednesday time slot 1	00:00:00	23:59:59		TB	
	Wednesday band type 2 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Wednesday time slot 2	00:00:00	23:59:59		TB	
	Wednesday band type 3 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Wednesday time slot 3	00:00:00	23:59:59		TB	
	Wednesday band type 4 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Wednesday time slot 4	00:00:00	23:59:59		TB	
	Thursday band type 1 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Nighte	0	4		TB	
	Thursday time slot 1	00:00:00	23:59:59		TB	

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
	Thursday band type 2 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Thursday time slot 2	00:00:00	23:59:59		TB	
	Thursday band type 3 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Thursday time slot 3	00:00:00	23:59:59		TB	
	Thursday band type 4 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Thursday time slot 4	00:00:00	23:59:59		TB	
	Friday band type 1 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Friday time slot 1	00:00:00	23:59:59		TB	
	Saturday band type 1 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Saturday time slot 1	00:00:00	23:59:59		TB	
	Saturday band type 2 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Saturday time slot 2	00:00:00	23:59:59		TB	
	Saturday band type 3 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Saturday time slot 3	00:00:00	23:59:59		TB	

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
	Saturday band type 4 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Saturday time slot 4	00:00:00	23:59:59		TB	
	Sunday band type 1 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Sunday time slot 1	00:00:00	23:59:59		TB	
	Sunday band type 2 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Sunday time slot 2	00:00:00	23:59:59		TB	
	Sunday band type 3 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Sunday time slot 3	00:00:00	23:59:59		TB	
	Sunday band type 4 0: Disabled 1: OFF 2: Comfort 3: Economic 4: Night	0	4		TB	
	Sunday time slot 4	00:00:00	23:59:59		TB	
	Holidays days	0	255		TB	
	Duration of vacation hours	0	23		TB	
	State of the unit in the holidays 0: Unit disconnected 1: Connected unit	0	1		TB	
Level 1	UTILIZER MENU					Built in EVJ / EPJ
MOdE	Operating mode 0: Summer (cooling) 1: Winter (heating) 2: Automatic	0	2		UT	MOd
SEtC	Summer setpoint	PH03	PH04	°C	UT	StC
SEtH	Winter setpoint	PH26	PH27	°C	UT	StH
PU01		0	100	%	UT	u01

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
SCC	Setpoint Cooling Comfort Band	PH03	PH04	°C	UT	SCC
SCH	Setpoint warming of the Comfort band	PH26	PH27	°C	UT	SCH
OEC	Offset cooling Economic range	-20.0	20.0	°C	UT	OEC
OEH	Offset warming of the economic strip	-20.0	20.0	°C	UT	OEH
ONC	Offset cooling band at night	-20.0	20.0	°C	UT	OnC
ONH	Offset heating night band	-20.0	20.0	°C	UT	OnH
SDC	Force cooling by DI	PH03	PH04	°C	UT	SdC
SDH	Force set heating po DI	PH26	PH27	°C	UT	SdH
FSC	Setpoint Comfort band fan	0.00 DO PF03 AO	100.00 DO PF04 AO	%	UT	FSC
FSE	Setpoint economic band fan	0.00 DO PF03 AO	100.00 DO PF04 AO	%	UT	FSE
FSN	Setpoint fan band at night	0.00 DO PF03 AO	100.00 DO PF04 AO	%	UT	FSN
DSC	Setpoint registration of the Comfort band	PS05	PS06	%	UT	dSC
DSE	Setpoint register of economic bands	PS05	PS06	%	UT	dSE
DSN	Setpoint record of the band at night	PS05	PS06	%	UT	dSn
PF40	Setpoint pressure / constant flow contribution	PF50	PF51	Pa/m3h*10	UT	F40
PF42	Setpoint pressure / constant flow extraction	0	100	%	UT	bkU present just do not display Evj / Epj
BKT	Lighting time Evj / Epj LCD 0 ... 240 seconds 241 = Always connected	0	241	Sec	UT	bkU present just do not display Evj / Epj
PSd1	Password for level USER (1)	-999	9999		UT	PS1
Level 2	MAINTENANCE MENU					
	DEFINITION					
PM00	Limit maximum hours of operation of the fan. Above this limit the alarm will be activated	0.0	9999.0	Horas x10	MA-F	M00
PM01	Working hours fan contribution	0.0	9999.0	Horas x10	MA-F	M01
PM02	Operating hours extraction fan	0.0	9999.0	Horas x10	MA-F	M02
PM03	Maximum limit hours of compressor operation. Above this limit the alarm will be activated.	0.0	9999.0	Horas x10	MA-F	M03
PM15	Operating hours step 1 resistors	0.0	9999.0	Horas x10	MA-F	M15
PM16	Operating hours step 2 resistors	0.0	9999.0	Horas x10	MA-F	M16
PM17	Operating hours step 3 resistors	0.0	9999.0	Horas x10	MA-F	M17
PM18	Operating hours step 4 resistors	0.0	9999.0	Horas x10	MA-F	M18
PM19	Operating hours step resistance 5	0.0	9999.0	Horas x10	MA-F	M19
PM90	Last date maintenance was performed				MA-F	PM90

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
	MANUAL					
PM22	Force the value of the fan in manual operation	0.00 DO PF03 AO	100.00 DO PF04 AO	%	MA-M	M22
	CALIBRATION					
PM80	Calibration of the outdoor temperature probe	-10.0	10.0	°C	MA-CA	M80
PM81	Calibration of the room temperature probe	-10.0	10.0	°C	MA-CA	M81
PM82	Calibration of the air temperature probe contribution	-10.0	10.0	°C	MA-CA	M82
PM83	Calibration of the ambient humidity probe	-10	10	%	MA-CA	M83
PM84	Calibration of the rejected air temperature probe	-10.0	10.0	°C	MA-CA	M84
PM85	Calibration of the pressure / delivery flow sensor	-100	100	Pa/m3h	MA-CA	M85
PM86	Calibration of the air quality probe (CO2 / VOC)	-100	100	ppm	MA-CA	M86
PM87	Calibration of the humidity probe contribution	-10	10	%	MA-CA	M87
PM88	Calibration of the remote set point	-10.0	10.0	°C	MA-CA	M88
PM89	Calibration of the remote registry	-10	10	%	MA-CA	M89
PM91	Calibration of the pressure probe / extraction flow	-100	100	Pa/m3h	MA-CA	M91
PM92	Calibration of preheating coil temperature probe	-10.0	10.0	°C	MA-CA	M92
PM93	Calibration of the coil temperature probe 1	-10.0	10.0	°C	MA-CA	M93
PM94	Calibration of the coil temperature probe 2	-10.0	10.0	°C	MA-CA	M94
PM96	Calibration of the post-heating coil temperature probe	-10.0	10.0	°C	MA-CA	M96
PM97	Remote fan calibration	-10.00	10.00	%	MA-CA	M97
PSD2	Password level MAINTENANCE (2)	-999	9999		MA	PS2
Level 3	INSTALLATION MENU					
	REGULATION					
PC01	Enable summer setpoint compensation	NO (0)	SI (1)		IS-R	C01
PC02	Maximum setpoint for compensation in summer	SEtC	PH04	°C	IS-R	C02
PC03	Setpoint (on external t) of compensation start	PH03	PH04	°C	IS-R	C03
PC04	Differential (on external t) final compensation setpoint summer	0.0	20.0	°C	IS-R	C04
PC05	Enables measurement cycle for the ambient temperature (when the probe is in the extraction)	NO (0)	SI (1)		IS-R	C05
PC06	Measurement cycle waiting time	1	99	Min	IS-R	C06
PC07	Activation time of the measurement cycle	1	30	Min	IS-R	C07
PC08	Activation of fans for measurement 0: NO - Activates only the exhaust fan 1: YES - Both fans active	NO (0)	SI (1)		IS-R	C08
PC10	Regulation probe 0: Removal 1: Contribution	0	1		IS-R	C10
PC61	Summer switching setpoint	PC62	70.0	°C	IS-R	C61

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
PC62	Switching setpoint Winter	-20.0	PC61	°C	IS-R	C62
PC63	Active probe for automatic switching 0:Temp.Exterior 1:Temp.coil 1 2:Temp.environmental / extraction	0	2		IS-R	C63
	FAN					
PF01	Type of regulation for the fan 0:On / Off regulation to gradini 1:modulating regulation 2:constant pressure regulation 3:constant flow regulation 4:AQ regulation in steps 5:modulating AQ regulation 6:regulation by time slot 7>manual regulation 8:Remote potentiometer regulation	0	8		IS-F	F01
PF02	Differential for fan regulation	0.0	30.0	°C	IS-F	PF01=0 PF01=1 F02
PF03	Minimum speed for modulating fan regulation	0.0	PF04	%	IS-F	F03
PF04	Maximum speed for the modulating regulation of the fan	PF03	100.0	%	IS-F	F04
PF05	Minimum time between starting the two fans	0	999	Sec	IS-F	F05
PF06	Step value of modulating or manual regulation	1.00	100.00	%	IS-F	F06 Restricted in the case of fans commanded by digital outputs
PF07	Minimum speed of the supply fan with electrical resistors in operation	0.00	100.00	%	IS-F	F07
PF08	Differential of the rating step on the regulating modulating fan ramp	0.0	60.0	%	IS-F	PF01=1 F08
PF09	Waiting time (on and off) for enabling the step in the regulating modulating fan ramp	0	999	Sec	IS-F	PF01=1 F09
PF10	Supply fan speed and extraction with alarm in the regulating probe	0.0	100.0	%	IS-F	F10
PF13	Minimum speed fan extraction with electrical resistors in operation	0.00	100.00	%	IS-F	F13
PF15	Enables fan limitation	NO (0)	SI (1)		IS-F	F15
PF16	Minimum limitation temperature	-15.0	PF17	°C	IS-F	F16
PF17	Maximum limiting temperature	PF16	70.0	°C	IS-F	F17
PF18	Differential for fan limitation	0.0	30.0	°C	IS-F	F18
PF19	Minimum value for the adjustment point of air quality regulation	0	PF20	ppm	IS-F	PF01=4 PF01=5 F19
PF20	Maximum value for the adjustment point of the air quality regulation	PF19	9999	ppm	IS-F	PF01=4 PF01=5 F20
PF21	Setpoint forced 1 fan supply	-99.9	327.6		IS-F	F21
PF22	Setpoint forzado 2 ventilador aportación	-99.9	327.6		IS-F	F22

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
PF23	Setpoint forced 3 fan contribution	-99.9	327.6		IS-F	F23
PF24	Fan speed change time	0	999	Sec	IS-F	F24
PF25	Minimum operating time fan	0	999	Sec	IS-F	F25
PF27	Fan time in post-ventilation	0	999	Sec	IS-F	F27
PF28	Delta percentage fan extraction	-100	100	%	IS-F	F28
PF29	Delta step fan extraction	-2	2	Step	IS-F	F29
PF30	Percentage increase / decrease fan speed in defrost recovery	0.00	100.00	%	IS-F	F30
PF31	Time of increase / decrease of fan speed in defrost recovery	1	100	Sec	IS-F	F31
PF32	Delta Percentage fan extraction in defrost recovery	0.00	100.00	%	IS-F	F32
PF33	Setpoint forced 1 fan extraction	PF52	PF53	Pa/m3h* 10	IS-F	F33
PF34	Setpoint forced 2 exhaust fan	PF52	PF53	Pa/m3h* 10	IS-F	F34
PF35	Setpoint forced 3 exhaust fan	PF52	PF53	Pa/m3h* 10	IS-F	F35
PF36	Type of forced adjustment point: 0: None set 1: Set 1 2: Set 2 3: Set 3	0	3		IS-F	F36
PF40	Setpoint pressure / constant flow supply	PF50	PF51	Pa/m3h* 10	IS-F	F40
PF41	Neutral zone pressure / constant flow supply	1	999	Pa/m3h* 10	IS-F	F41
PF42	Setpoint pressure / constant flow extraction	PF52	PF53	Pa/m3h* 10	IS-F	F42
PF43	Neutral zone pressure / constant flow extraction	1	999	Pa/m3h* 10	IS-F	F43
PF44	Time of increase / decrease of speed fan at pressure / constant flow	1	100	Sec	IS-F	F44
PF45	Percentage increase / decrease fan speed in constant pressure / flow	0.00	100.00	%	IS-F	F45
PF46	Speed start-up pressure fan / constant flow	0.00	100.00	%	IS-F	F46
PF47	Start-up time pressure fan / constant flow	0	9999	Sec	IS-F	F47
PF50	Minimum value setpoint pressure / extraction flow	-999	PF51	Pa/m3h* 10	IS-F	F50
PF51	Maximum value setpoint pressure / extraction flow	PF50	3276	Pa/m3h* 10	IS-F	F51
PF52	Minimum value setpoint pressure / extraction flow	-999	PF53	Pa/m3h* 10	IS-F	F52
PF53	Maximum value setpoint pressure / extraction flow	PF52	3276	Pa/m3h* 10	IS-F	F53
PF57	State extraction fan with unit in total recirculation 0: Disabled 1: On	0	1		IS-F	F57
PF58	Booster time if enabled by the command	0	255	Min	IS-F	F58
	COILS					
Pb01	Proportional band for the regulation of the cooling and heating valves.	0.0	20.0	°C	IS-B	b01
Pb02	Full time for the regulation of the cooling and heating valves.	0	999	Sec	IS-B	If Pb02 = 0 integral action is not possible b02

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
Pb03	Neutral zone for temperature regulation.	0.0	20.0	°C	IS-B	b03
Pb05	Maximum deviation for the calculation of the separation of the supply setpoint.	0.0	20.0	°C	IS-B	If Pb05 = 0 function not enabled b05
Pb06	Proportional band for the calculation of the dynamic reference point of supply.	0.0	20.0	°C	IS-B	b06
Pb07	Enables rotation resistances.	NO (0)	SI (1)		IS-B	b07
Pb10	Opening of the heating valves in regulation probe alarm.	0.0	100.0	%	IS-B	b10
Pb11	Opening of the cooling valves in regulation probe alarm.	0.0	100.0	%	IS-B	b11
Pb12	Setpoint preheating function.	-15.0	30.0	°C	IS-B	b12
Pb13	Differential preheating function.	0.1	20.0	°C	IS-B	b13
Pb14	Maximum duration preheating function.	0	60	Min	IS-B	b14
Pb15	Cooling order priority 0: Cooling 1: Dehumidification 2: Major 3: Media	0	3		IS-B	b15
Pb20	Time of entrance / exit resistances of 1 step.	0	999	Sec	IS-B	b20
Pb21	Second neutral zone for heating in case of 2 heating coil.	0.0	20.0	°C	IS-B	b21
Pb22	Second differential in the case of 2 heating coil.	0.0	10.0	°C	IS-B	b22
Pb23	Neutral zone for half station control.	0.0	20.0	°C	IS-B	b23
Pb24	Differential for half station control.	0.0	10.0	°C	IS-B	b24
Pb30	Enables contribution limitation 0: Disabled 1: Heating 2: cooling 3: Enabled	0	3		IS-B	b30
Pb31	Setpoint cooling limitation.	-15.0	70.0	°C	IS-B	b31
Pb32	Differential cooling limitation.	0.0	30.0	°C	IS-B	b32
Pb33	Minimum value of cooling limitation.	0.0	100.0	%	IS-B	b33
Pb34	Setpoint heating limitation.	-15.0	70.0	°C	IS-B	b34
Pb35	Differential heating limitation.	0.0	30.0	°C	IS-B	b35
Pb36	Minimum value heating limitation.	0.0	100.0	%	IS-B	b36
Pb40	Setpoint preheating.	-15.0	20.0	°C	IS-B	b40
Pb41	Neutral zone preheating.	0.2	20.0	°C	IS-B	b41
Pb42	Preheating modulation time.	1	255	Sec x10	IS-B	b42
Pb43	Percentage variation preheating modulation	1.0	50.0	%	IS-B	b43
	REGISTRY					
PS01	Type of Free-Cooling / Free-Heating 0: Disabled 1: Free-Cooling / Free-Heating in the temperature	0	1		IS-SE	S01

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
TIME FRAME MENU					TB	
PS03	Type of command register 0: Only for Free-Cooling / Free-Heating 1: Only for air quality regulation 2: Priority of the largest of the two orders 3: Average of the two requests 4: Fixed opening 5: Greater between fixed opening and Free-Cooling / Heating	0	5		IS-SE	S03
PS05	Minimum opening of registration.	0.0	PS06	%	IS-SE	S05
PS06	Maximum record opening.	PS05	100.0	%	IS-SE	S06
PS07	Pre start time.	0	9999	Sec	IS-SE	S07
PS08	Delay to turn off.	0	9999	Sec	IS-SE	S08
PS09	End time course.	0	999	Sec	IS-SE	S09
PS10	Fixed value of opening the registry.	0.0	100.0	%	IS-SE	S10
PS12	Differential that enables freezing and freezing at temperature.	0.0	20.0	°C	IS-SE	S12
PS13	Setpoint Differential that enables free freezing and freezing at temperature.	0.0	20.0	°C	IS-SE	S13
PS15	Enable registration minimum opening 0: Disabled 1: Only internal band 2: Always	0	2		IS-SE	S15
PS16	Out-band regulation differential.	0	20.0	°C	IS-SE	S16
PS17	Maximum time out band 0 ... 240 minutes 241: In the maximum time .	0	241	Min	IS-SE	S17
PS18	Time for end of course warming record.	0	999	Sec	IS-SE	S18
RECUPERATOR						
Pr01	Differential setpoint for regulation of the recuperator.	0.0	20.0	°C	IS-RH	r01
Pr02	Regulator differential of the recuperator.	0.0	20.0	°C	IS-RH	r02
Pr03	Recover defrost setpoint.	-15.0	70.0	°C	IS-RH	r03
Pr04	Defrost neutral zone of the recuperator.	0.0	20.0	°C	IS-RH	r04
Pr05	Bypass cycle time recovery of plates for defrosting.	1	99	Min	IS-RH	r05
Pr14	Probe to calculate recovery efficiency: 0: None 1: T.supply 2: T.extraction	0	2		IS-RH	r14
SAFE						
PA01	Enable fan operation alarm	NO (0)	SI (1)		IS-S	A01
PA03	Type of signaling of hours of operation: 0: none 1: slight alarm 2: Serious alarm	0	2		IS-S	A03
PA04	Delay alarm probe	0	240	Sec	IS-S	A04

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
PA05	Type alarm signaling of the probe: 0: None 1: Mild alarm 2: Serious alarm	0	2		IS-S	A05
PA09	Type signaling thermal alarm fan, resistors 0: None 1: Mild alarm 2: Serious alarm	0	2		IS-S	A09
PA22	Type of reset alarme generic 0: Auto - Automatic 1: Manu - manual	Auto (0)	Manu (1)		IS-S	A22
PA23	Generic alarm delay	0	999	Sec	IS-S	A23
PA24	Reset type alarme Air filter pressure switch 0: Auto - Automático 1: Manu – manual	Auto (0)	Manu (1)		IS-S	A24
PA25	Delay alarm pressure switch filter	0	999	Sec	IS-S	A25
PA26	Type of alarm signaling air filter pressure switch: 0: None 1: Mild alarm 2: Serious alarm	0	2		IS-S	A26
PA28	Delay of the time flow alarm after reset.	0	999	Sec	IS-S	A28
PA29	Delayed water flow alarm.	0	999	Sec	IS-S	A29
PA30	Type of alarm signaling flussostat: 0: No relevance 1: Mild alarm 2: Serious alarm	0	2		IS-S	A30
PA34	Type of reset thermal alarm resistors 0: Auto - Automatic 1: Manu - manual	Auto (0)	Manu (1)		IS-S	A34
PA35	Delay thermal alarm resistances	0	999	Sec	IS-S	A35
PA36	Delay of no frost alarm	0	999	Sec	IS-S	A36
PA37	Type of no frost alarm signal: 0: There is no relevance 1: Mild alarm 2: alarm tomb	0	2		IS-S	A37

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
TIME FRAME MENU						
					TB	
PA38	Set alarm no frost coil	-15.0	20.0	°C	IS-S	A38
PA39	Differential no frost alarm coil	0.1	10.0	°C	IS-S	A39
PA40	Enable RTC alarm	NO (0)	SI (1)		IS-S	A40
PA41	RTC alarm reset type 0: Auto - Automatic 1: Manu - manual	Auto (0)	Manu (1)		IS-S	A41
PA42	Type of alarm signal RTC: 0: None 1: Mild alarm 2: Serious alarm	0	2		IS-S	A42
PA56	Generic alarm delay	0	999	Sec	IS-S	A56
PA57	Type rearm alarm generic 0: Auto - Automatic 1: Manu - manual	Auto (0)	Manu (1)		IS-S	A57
MODBUS						
PH11	Modbus address of the controller	1	247		IS-M	H11
PH12	Communication speed (0 = 1200, 1 = 2400, 2 = 4800, 3 = 9600, 4 = 19200)	0	4		IS-M	H12
PH13	ModBus parity (0 = none, 1 = odd, 2 = even)	0	2		IS-M	H13
PH14	Stop Bit ModBus (0 = 1bit, 1 = 2bit)	0	1		IS-M	H14
OTHERS						
PH01	Minimum value of pressure probe in supply.	-5000	PH02		IS-V	H01
PH02	Maximum value of pressure probe in supply.	PH01	5000		IS-V	H02
PH03	Minimum value of cooling point.	-15.0	PH04	°C	IS-V	H03
PH04	Maximum value of cooling point.	PH03	70.0	°C	IS-V	H04
PH05	Enables turning the unit on and off from the remote.	NO (0)	SI (1)		IS-V	H05

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
PH08	Type of change of summer / winter mode 0: manual 1: manual + Auto 2: Auto	0	2		IS-V	H08
PH09	Enables turning the unit on and off by centralized management system.	NO (0)	SI (1)		IS-V	H09
PH16	CAN communication speed 1:20 KB 2:50 KB 3: 125 KB 4: 500 KB	1	4	KB	IS-V	H16
PH17	Local red node CAN.	1	127		IS-V	H17
PH18	Remove the alarm history.	NO (0)	SI (1)		IS-V	Establecer Sí (1), y esperar a que el valor de NO aparece (0) H18
PH19	Enables turning the unit on and off by programming.	NO (0)	SI (1)		IS-V	H19
PH20	Enable programming	NO (0)	SI (1)		IS-V	H20
PH21	Unity State on vacation 0: Unit disconnected 1: Connected unit	0	1		IS-V	H21
PH23	Minimum value of extraction pressure probe.	-5000	PH24		IS-V	H23
PH24	Maximum value of extraction pressure probe.	PH23	5000		IS-V	H24
PH25	Enables automatic legal time 0: Disabled 1: Europe 2: North America	0	2		IS-V	H25
PH26	Minimum value of heating setpoint.	-15.0	PH27	°C	IS-V	H26
PH27	Maximum value of heating point.	PH26	70.0	°C	IS-V	H27
PH32	Temperature measurement unit: 0: ° Celsius 1: ° Fahrenheit	0 (°C)	1 (°F)		IS-V	H32
PH34	Language: 0: English 1: Italian	0	1		IS-V	H34
PH37	Minimum value PPM transducer CO ₂ / VOC.	0	PH38	ppm	IS-V	H37
PH38	Maximum value PPM transducer CO ₂ / VOC.	PH37	9999	ppm	IS-V	H38
PH39	Minimum value for the setpoint change potentiometer.	-10.0	PH40	°C	IS-V	H39
PH40	Maximum value for the setpoint change potentiometer.	PH39	10.0	°C	IS-V	H40
PH41	Meaning symbol Summer / winter 0: Sun / Summer - Snow / Winter 1: Sun / Winter - Snow / Summer	0	1		IS-V	H41
PH42	Enable Simbolo Evco	NO (0)	SI (1)		IS-V	H42
PH50	Polarity to coil 1: 0: 0-10 V1: 10-0 V	0 (0-10V)	1 (10-0V)		IS-V	H50
PH51	Polarity to coil 2: 0: 0-10 V1: 10-0 V	0 (0-10V)	1 (10-0V)		IS-V	H51

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
TIME FRAME MENU						TB
PH52	Polarity AL fan supply: 0: 0-10 V 1: 10-0 V	0 (0-10V)	1 (10-0V)		IS-V	H52
PH53	Polarity to the extraction fan: 0: 0-10 V 1: 10-0 V	0 (0-10V)	1 (10-V)		IS-V	H53
PH54	Polarity to the register mix box: 0: 0-10 V 1: 10-0 V	0 (0-10V)	1 (10-0V)		IS-V	H54
PH58	Polarity to the preheater coil: 0: 0-10 V 1: 10-0 V	0 (0-10V)	1 (10-0V)		IS-V	H58
PH60	Polarity to post-heating H ₂ O: 0: 0-10 V 1: 10-0 V	0 (0-10V)	1 (10-0V)		IS-V	H60
PH61	Polarity AL after electric heating. 0: 0-10 V 1: 10-0 V	0 (0-10V)	1 (10-0V)		IS-V	H61
RESET						
PH15	Reset all parameters. returning to the default value?	NO (0)	SI (1)		IS-D	Wait for the indication NO (0) to complete the reset. H15
PSd3	Installation level password (3).	-999	9999		IS	PS3
CONFIGURATION						
PG02	Levels of the fan	0	3		IS-C	G02
PG03	Coil type 1 0: Disabled 1: water 2: resistances 3: direct expansion	0	3		IS-C	G03
PG04	Coil type 1 0: Disabled 1: water 2: resistances 3: direct expansion	0	3		IS-C	G04
PG05	Coil type 2 0: Disabled 1: water 2: resistances	0	2		IS-C	G05
PG06	Resistor type 0: Disabled 1: Modulant AO 2: AO + 1 step DO 3: AO + 2 steps DO 4: AL + 3 steps DO 5: AO + 4 steps DO 6: 1 step DO 7: 2 steps DO 8: 3 steps DO 9: 4 steps DO 10: 5 steps DO	0	10		IS-C	G06

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
PG08	Type of preheating coil 0: Disabled 1: water 2: resistances	0	2		IS-C	G08
PG09	Type of post-heating coil 0: Disabled 1: water 2: resistances	0	2		IS-C	G09
PG10	Type post-heating resistors 0: Disabled 1: Modulante AO 2: Digital DO 3: Modulante + digital AO + DO	0	3		IS-C	G10
PG12	Enable Dehumidification	NO (0)	SI (1)		IS-C	G12
PG13	Heat recovery type 0: Disabled 1: Plates 2: Coil 3: Rotary On / Off (DO) 4: Rotary modulating (DO)	0	4		IS-C	G13
PG14	Position of the regulation probe: 0: Ambient probe 1: Probe in the return	0	1		IS-C	G14
	AI HARDWARE PARAMETERS					
HA00	Temperature and humidity probe environment used: 0: None 1: VRoomT 2: VRoomTH 3: EvjT 4: EvjTH 5: EpjT 6: EpjTH	0	6		IS-AI	A00
HA01	AI1 Assignment (See table chapter 7.2)	0	99		IS-AI	A01
HA02	AI2 Assignment (See table chapter 7.2)	0	99		IS-AI	A02
HA03	AI3 Assignment (See table chapter 7.2)	0	99		IS-AI	A03
HA04	AI4 Assignment (See table chapter 7.2)	0	83		IS-AI	A04
HA05	AI5 Assignment (See table chapter 7.2)	0	83		IS-AI	A05
HA06	AI6 Allocation (See table chapter 7.2)	0	83		IS-AI	A06
HA07	AI7 Assignment (See table chapter 7.2)	0	83		IS-AI	A07
HA17	AI1 Evj Assignment (See table chapter 7.2)	0	83		IS-AI	A17

CODE	DESCRIPTION OF THE PARAMETER	MIN	MAX	U.M.	MENU	NOTES
	TIME FRAME MENU				TB	
HA18	AI2 Evj Assignment (See table chapter 7.2)	0	83		IS-AI	A18
	HARDWARE DI PARAMETERS					
HB01	DI1 Assignment (see table chapter 7.3)	0	74		IS-DI	b01
HB02	DI2 Assignment (see table chapter 7.3)	0	74		IS-DI	b02
HB03	DI3 Assignment (see table chapter 7.3)	0	74		IS-DI	b03
HB04	DI4 Assignment (see table chapter 7.3)	0	74		IS-DI	b04
	HARDWARE PARAMETERS AO					
HC01	AO1 Assignment (see table chapter 7.4)	0	21		IS-AO	C01
HC02	AO2 Assignment (see table chapter 7.4)	0	21		IS-AO	C02
HC03	AO3 Assignment (see table chapter 7.4)	0	21		IS-AO	C03
HC04	AO4 Assignment (see table chapter 7.4)	0	21		IS-AO	C04
HCF1	Frequency PWM fan in supply	10	2000	Hz	IS-AO	CF1
HCF2	Frequency PWM fan in extraction	10	2000	Hz	IS-AO	CF2
HCF4	Frequency / period PWM electric coil **	1	2000		IS-AO	CF4
HCF5	Frequency / period PWM pre-heating resistors **	1	2000		IS-AO	CF5
HCF6	Frequency / period PWM post-heating resistors **	1	2000		IS-AO	CF6
HCV1	Maximum voltage output PWM slow electric coil	1.00	10.00	V	IS-AO	CV1
HCV2	Maximum voltage output PWM slow preheating resistors	1.00	10.00	V	IS-AO	CV2
HCV3	Maximum output voltage PWM slow post-heating resistors	1.00	10.00	V	IS-AO	CV3
	PARÁMETROS HARDWARE DO					
HD01	DO1 Assignment (see table chapter 7.5)	0	87		IS-DO	d01
HD02	DO2 Assignment (see table chapter 7.5)	0	87		IS-DO	d02
HD03	DO3 Assignment (see table chapter 7.5)	0	87		IS-DO	d03
HD04	DO4 Assignment (see table chapter 7.5)	0	87		IS-DO	d04
HD05	DO5 Assignment (see table chapter 7.5)	0	87		IS-DO	d05
HD06	DO6 Assignment (see table chapter 7.5)	0	87		IS-DO	d06

7.2 TABLE AI

AI1-2-3 CONTROLLER - AI1-2 EXPANSION		
CODE	DESCRIPTION	NOTES
0	Disabled	
1	Anti-freeze thermostat NC	
2	Anti-ice thermostat NO	
3	Differential filter pressure switch supply level 1 NC	
4	Differential pressure switch filter supply level 1 NO	
5	On-Off remote NC	
6	Remote On-Off NO	
7	Summer-Inverno NC	
8	Summer-Winter NO	
9	Economic NC	
10	Economic NO	
11	NC generic alarm input	
12	NO generic alarm input	
13	Defrosting cold circuit NC	
14	Defrosting refrigerated circuit NO	
15	Thermal input fan NC	
16	Thermal blower NO	
17	Thermal exhaust fan NC	
18	Thermal extraction fan NO	
19	End of career outdoor registration NC	
20	End of career of outdoor air register NO	Always
21	NC humidifier alarm	
22	Humidifier alarm NO	
23	Thermal electric coil NC	
24	Thermal electric coil NO	
25	Thermal first pump NC coil	
26	Thermal pump first coil NO	
27	Thermal pump second coil NC	
28	Thermal pump second coil NO	
29	Pressure switch (antifreeze) NC	
30	Switch pressure switch (anti-freeze) NO	
31	Fluxostat air supply NC	
32	Air supply fluxostat NO	
33	Fluxostat exhaust air NC	
34	Fluxostat air extraction NO	
35	Fire / smoke NC	
36	Fire / smoke NO	
37	Thermal pre-heating resistors NC	
38	Thermal resistance pre-heating NO	

CODE	DESCRIPTION	NOTES
39	NC heating record limit switch	
40	End of career registration NO warming	
41	Differential pressure switch extraction filter level 1 NC	
42	Differential pressure switch extraction filter level 1 NO	
43	High pressure compressors NC	
44	High pressure compressors NO	
45	Low pressure compressors NC	
46	Low pressure compressors NO	
47	Thermal NC compressors	
48	Thermal compressors NO	
49	Differential pressure switch input filter level 2 NC	
50	Differential pressure switch input filter level 2 NO	
51	Differential pressure switch input filter level 3 NC	
52	Differential pressure switch input filter level 3 NO	
53	Differential pressure switch input filter level 4 NC	
54	Differential pressure switch input filter level 4 NO	
55	Differential pressure switch extraction filter level 2 NC	
56	Differential pressure switch extraction filter level 2 NO	
57	Differential pressure switch extraction filter level 3 NC	
58	Differential pressure switch extraction filter level 3 NO	
59	Differential pressure switch extraction filter level 4 NC	
60	Differential pressure switch extraction filter level 4 NO	
61	Modo funcionamiento bomba de calor NC	
62	Modo funcionamiento bomba de calor NO	
63	Térmico resistencias post-calentamiento NC	
64	Térmico resistencias post-calentamiento NO	
65	Operating mode heat pump NC	
66	Operating mode heat pump NO	
67	Thermal post-heating resistors NC	
68	Thermal post-heating resistors NO	
69	NC generic alarm	
70	Generic alarm NO	
71	Fan set 1 NC	
72	Fan set 1 NO	
73	Fan set 2 NC	
74	Fan set 2 NO	
75	Fan set 3 NC	Always
76	Fan set 3 NO	
77	Booster Fan NC	
78	Booster Fan NO	
79	Supply temperature	



CODE	DESCRIPTION	NOTES
80	Extraction temperature / environment	
81	Outside temperature	
82	Rejected air temperature	
83	Water temperature coil 1	
84	Moisture extraction / environment 4-20mA	
85	Extraction / ambient humidity 0-10V	
86	Pressure / Flow rate 4-20mA	
87	Pressure / Flow rate 0-10V	
88	Pressure / Extraction flow 4-20mA	
89	Pressure / Extraction flow 0-10V	
90	QAI 4-20mA	
91	QAI 0-10V	
92	Moisture of contribution 4-20mA	
93	Adsorption humidity 0-10V	
94	Potentiometer modifies set 4-20mA	
95	Potentiometer modifies set 0-10V	
96	Potentiometer opening registers 4-20mA	
97	Potentiometer opening registers 0-10V	
98	Potentiometer fan 4-20mA	
99	Potentiometer fan 0-10V	



AI4-5-6-7 CONTROLLER - AI3-4-5-6-7 EXPANSION - AI1-2 Evj - AI1-2 Epj		
CODE	DESCRIPTION	NOTES
0	Disabled	
1	Anti-freeze thermostat NC	
2	Anti-ice thermostat NO	
3	Differential pressure switch input filter level 1 NC	
4	Differential pressure switch input filter level 1 NO	
5	On-Off remote NC	
6	Remote On-Off NO	
7	Summer-Inverno NC	
8	Summer-Winter NO	
9	Economic NC	
10	Economic NO	
11	NC generic alarm input	
12	NO generic alarm input	
13	Defrosting cold circuit NC	
14	Defrosting cold circuit NO	
15	Thermal input fan NC	
16	Thermal blower NO	
17	Thermal exhaust fan NC	
18	Thermal extraction fan NO	
19	End of career of outdoor air registers NC	
20	End of career of outdoor air registers NO	Always
21	NC humidifier alarm	
22	Humidifier alarm NO	
23	Thermal electric coil NC	
24	Thermal electric coil NO	
25	Thermal first pump NC coil	
26	Thermal pump first coil NO	
27	Thermal pump second coil NC	
28	Thermal pump second coil NO	
29	Pressure switch (antifreeze) NC	
30	Switch pressure switch (anti-freeze) NO	
31	Supply air fluxostat NC	
32	Delivery air fluxostat NO	
33	Extraction air fluxostat NC	
34	Exhaust air fluxostat NO	
35	Fire / smoke NC	
36	Fire / smoke NO	
37	Thermal pre-heating resistors NC	
38	Thermal resistance pre-heating NO	
39	NC heating record limit switch	

CODE	DESCRIPTION	NOTES
40	End of career record of warming NO	
41	Extraction filter differential pressure switch level1 NC	
42	Extraction filter differential pressure switch level1 NO	
43	High pressure compressors NC	
44	High pressure compressors NO	
45	Low pressure compressors NC	
46	Low pressure compressors NO	
47	Thermal NC compressors	
48	Thermal compressors NO	
49	Differential pressure switch input filter level 2 NC	
50	Differential pressure switch input filter level 2 NO	
51	Differential pressure switch input filter level 3 NC	
52	Differential pressure switch input filter level 3 NO	
53	Differential pressure switch input filter level 4 NC	
54	Differential pressure switch input filter level 4 NO	
55	Differential pressure switch extraction filter level 2 NC	
56	Differential pressure switch extraction filter level 2 NO	
57	Differential pressure switch extraction filter level 3 NC	
58	Differential pressure switch extraction filter level 3 NO	
59	Differential pressure switch extraction filter level 4 NC	
60	Differential pressure switch extraction filter level 4 NO	
61	Operating mode heat pump NC	
62	Operating mode heat pump NO	
63	Thermal post-heating resistance NC	
64	Thermal post-heating resistance NO	
65	NC generic alarm	
66	Generic alarm NO	
67	Fan set 1 NC	
68	Fan set 1 NO	
69	Fan set 2 NC	
70	Fan set 2 NO	
71	Fan set 3 NC	
72	Fan set 3 NO	
73	Booster fan NC	
74	Fan booster NO	
75	Supply temperature	Always
76	Extraction temperature	
77	Outside temperature	
78	Air temperature rejected	
79	Water temperature coil 1	

CODE	DESCRIPTION	NOTES
80	Water coil temperature 2	
81	Water coil temperature pre-heating	
82	Water coil temperature post-heating	
83	Compressor defrosting temperature	

7.3 TABLE DI

DI		
CODE	DESCRIPTION	NOTES
0	Disabled	
1	Anti-freeze thermostat NC	
2	Anti-ice thermostat NO	
3	Differential pressure switch input filter level 1 NC	
4	Differential pressure switch input filter level 1 NO	
5	On-Off remote NC	
6	Remote On-Off NO	
7	Summer-Inverno NC	
8	Summer-Winter NO	
9	Economic NC	
10	Economic NO	
11	NC generic alarm input	
12	NO generic alarm input	
13	Defrosting cold circuit NC	
14	Defrosting cold circuit NO	
15	Thermal input fan NC	
16	Thermal blower NO	
17	Thermal exhaust fan NC	
18	Thermal extraction fan NO	
19	End of career of outdoor air registers NC	
20	End of career of outdoor air registers NO	Always
21	NC humidifier alarm	
22	Humidifier alarm NO	
23	Thermal electric coil NC	
24	Thermal electric coil NO	
25	Thermal first pump NC coil	
26	Thermal pump first coil NO	
27	Thermal pump second coil NC	
28	Thermal pump second coil NO	
29	Pressure switch (antifreeze) NC	
30	Switch pressure switch (anti-freeze) NO	
31	Supply air fluxostat NC	

CODE	DESCRIPTION	NOTES
32	Delivery air fluxostat NO	
33	Extraction air fluxostat NC	
34	Exhaust air fluxostat NO	
35	Fire / smoke NC	
36	Fire / smoke NO	
37	Thermal pre-heating resistors NC	
38	Thermal resistance pre-heating NO	
39	NC heating record limit switch	
40	End of career record of warming NO	
41	Extraction filter differential pressure switch level1 NC	
42	Extraction filter differential pressure switch level1 NO	
43	High pressure compressors NC	
44	High pressure compressors NO	
45	Low pressure compressors NC	
46	Low pressure compressors NO	
47	Thermal NC compressors	
48	Thermal compressors NO	
49	Differential pressure switch input filter level 2 NC	
50	Differential pressure switch input filter level 2 NO	
51	Differential pressure switch input filter level 3 NC	
52	Differential pressure switch input filter level 3 NO	
53	Differential pressure switch input filter level 4 NC	
54	Differential pressure switch input filter level 4 NO	
55	Differential pressure switch extraction filter level 2 NC	
56	Differential pressure switch extraction filter level 2 NO	
57	Differential pressure switch extraction filter level 3 NC	
58	Differential pressure switch extraction filter level 3 NO	
59	Differential pressure switch extraction filter level 4 NC	
60	Differential pressure switch extraction filter level 4 NO	
61	Operating mode heat pump NC	
62	Operating mode heat pump NO	
63	Thermal post-heating resistance NC	
64	Thermal post-heating resistance NO	
65	NC generic alarm	
66	Generic alarm NO	
67	Fan set 1 NC	
68	Fan set 1 NO	
69	Fan set 2 NC	
70	Fan set 2 NO	
71	Fan set 3 NC	

CODE	DESCRIPTION	NOTES
72	Fan set 3 NO	
73	Booster fan NC	
74	Fan booster NO	

7.4 TABLE AO

AO		
CODE	DESCRIPTION	NOTES
0	Disabled	
1	Vmix first coil	
2	Vmix second coil	
3	0-10V filler fan	
4	PWM supply fan	
5	Extraction fan 0-10V	
6	PWM extraction fan	
7	Mix case register	
8	Humidifier 0-10V	
9	PWM humidifier	
10	Electric coil 0-10V	
11	PWM electric coil	
12	Electric PWM slow coil	
13	Rotary recuperator	
14	Electric pre-heating coil 0-10V	
15	PWM pre-heating electric coil	
16	Electric pre-heating PWM slow coil	
17	Direct expansion	
18	0-10V post-heating water coil	
19	Electric coil post-heating 0-10V	
20	Post-heating electric coil PWM	
21	Electric post-heating PWM slow coil	

7.5 TABLE DO

DO		
CODE	DESCRIPTION	NOTES
0	Disabled	
1	Supply fan V1 NC (license)	
2	Supply fan V1 NO (license)	
3	Supply fan V2 NC	
4	Supply fan V2 NO	
5	Supply fan V3 NC	

CODE	DESCRIPTION	NOTES
6	Supply fan V3 NO	
7	Extraction fan V1 NC (license)	
8	Extraction fan V1 NO (license)	
9	Extraction fan V2 NC	
10	Extraction fan V2 NO	
11	Extraction fan V3 NC	
12	Extraction fan V3 NO	
13	Outdoor air register NC	
14	Outdoor air register NO	
15	NC recovery bypass	
16	Bypass Recuperator NO	
17	NC humidifier	
18	Humidifier NO	
19	Resistance 1 step NC	
20	Resistance 1 step NO	
21	Resistance 2 step NC	
22	Resistance 2 step NO	
23	On-Off CN motor condenser	
24	On-Off motor-condenser NO	
25	First step DX coil NC	
26	Coil DX first step NO	
27	Coil DX second step NC	
28	Coil DX second step NO	
29	Serious alarm NC	
30	Serious alarm NO	
31	Switching summer-winter NC	
32	Summer-winter switching NO	
33	Command pump first coil NC	
34	Command pump first coil NO	
35	Command pump second coil NC	
36	Command pump second coil NO	
37	PWM output slow coil resistors NO	
38	Slow PWM output pre-heating resistors NO	
39	NC heating register	
40	NO warming record	
41	Opening the coil 1 NC	
42	Opening the coil 1 NO	
43	Coil lock1 NC	
44	Coil closure 1 NO	
45	Coil lock 2 NC	
46	Opening the coil 2 NO	

CODE	DESCRIPTION	NOTES
47	Coil lock 2 NC	
48	Coil closure 2 NO	
49	NC pre-heating coil opening	
50	Pre-heating coil opening NO	
51	Coil lock 3 pre-heating NC	
52	Coil closure 3 pre-heating NO	
53	Coil 1 On / Off NC	
54	Coil 1 On / Off NO	
55	Coil 2 On / Off NC	
56	Coil 2 On / Off NO	
57	Pre-heating coil On / Off NC	
58	Coil pre-heating On / Off NO	
59	Opening register mix box NC	
60	Opening register mix box NO	
61	Closure of NC mixing box register	
62	Close of NO mix register	
63	Mixing register register On / Off NC	
64	Registration mix box On / Off NO	
65	Investment valve NC	
66	NO investment valve	
67	Resistances 3 step NC	
68	Resistances 3 step NO	
69	Resistances 4 step NC	
70	Resistances 4 step NO	
71	Resistors 5 step NC	
72	Resistors 5 step NO	
73	On / Off NC	
74	On / Off NO	
75	Opening post-heating coil H2O NC	
76	Opening coil post-heating H2O NO	
77	Coil closure after heating H2O NC	
78	Coil closure post-heating H2O NO	
79	Post-heating coil On / Off H2O NC	
80	Post-heating coil On / Off H2O NO	
81	Coil post-heating electrical resistance 1 NC	
82	Coil post-heating electrical resistance 1 NO	
83	Coil post-heating electrical resistance 2 NC	
84	Coil post-heating electrical resistance 2 NO	
85	Slow PWM output after heating resistors NO	
86	Light alarm NC	
87	Light alarm NO	

8. ALARMS

In the event of an alarm, the indication and the alarm appear on the display.

A contact is available for remote alarm signaling. See the electrical diagram. The list of alarms managed by the controller is shown below.

Before extinguishing any alarm, the cause that originated must be eliminated.

CODE	DESCRIPTION	REARME	CONSEQUENCE	BACKWARD
AL01	Thermal fan alarm (* 2) or inverter alarm (input)	Auto	Turn off all devices	Fixed 2 sec.
AL02	Thermal fan alarm (* 2) or inverter alarm (extraction)	Auto	Turn off all devices	Fixed 2 sec.
AL03	Delivery air fluxostat (* 2)	Manu	Turn off all devices	Configurable
AL04	Exhaust air fluxostat (* 2)	Manu	Turn off all devices	Configurable
AL05	Thermal alarm pump first coil	Auto	Stop of the pump	Fixed 2 sec.
AL06	Thermal alarm pump second coil	Auto	Stop of the pump	Fixed 2 sec.
AL07	Thermal alarm resistors	A/M	Turn off all resistances and force the Ventilator to 100%	Configurable
AL08	Air pressure filter pressure switch level 1	A/M	Visualize	Configurable
AL09	Humidifier	A/M	Stop Humidifier	Configurable
AL10	Generic alarm (* 2)	A/M	Turn off all devices	Configurable
AL11	Anti-ice	Auto	Turn off the fan and close the log Force to 100% heating coil Force to 0% cooling coil	Configurable
AL12	Heat recovery alarm	Auto	Activate the recovery bypass	Configurable
AL13	Fire / smoke alarm (* 2)	Auto	Turn off all devices	-
AL14	Operating hours - supply fan	Manu*1	Visualize	-
AL15	Operating hours - exhaust fan	Manu*1	Visualize	-
AL16	Operating hours - coil pump 1	Manu*1	Visualize	-
AL17	Operating hours - coil pump 2	Manu*1	Visualize	-
AL18	Ambient air probe / extraction faulty or off	Auto	It inhibits the regulation dependent on this	
AL19	Air supply probe damaged or extinguished	Auto	It inhibits the regulation dependent on this	Configurable
AL20	Outdoor air probe faulty or switched off	Auto	It inhibits the regulation dependent on this	Configurable
AL21	Ambient humidity probe / extraction faulty or off	Auto	It inhibits the regulation dependent on this	Configurable
AL22	Faulty or disconnected exhaust air probe	Auto	It inhibits the regulation dependent on this	Configurable
AL23	Pressure supply probe damaged or switched off	Auto	It inhibits the regulation dependent on this	Configurable
AL24	Defective or discharged air quality probe	Auto	It inhibits the regulation dependent on this	Configurable
AL25	Probe humidity dampened or extinguished	Auto	It inhibits the regulation dependent on this	Configurable
AL26	Remote variation potentiometer setpoint failure shutdown	Auto	It inhibits the regulation dependent on this	Configurable
AL27	Potentiometer Aperture register damaged or switched off	Auto	It inhibits the regulation dependent on this	Configurable
AL28	I / O configuration error (* 2)	Auto	Unlock all devices	-
AL29	RTC clock faulty or off	A/M	Inhibits schedule management	-
AL30	Limit of outdoor air registration (* 2)	A/M	Turn off all devices	Configurable
AL32	Alarma térmica resistencias pre- calentamiento	A/M	Desliga todas las resistencias y fuerza el Ventilador al 100%	Configurable

CODE	DESCRIPTION	REARME	CONSEQUENCE	BACKWARD
AL33	Limit of the heating record (* 2)	A/M	Turn off all devices	Configurable
AL34	Probe extraction pressure faulty or off	Auto	It inhibits the regulation dependent on this	Configurable
AL35	Exhaust air filter pressure switch level 1	A/M	Visualize	Configurable
AL36	Coil temperature probe preheating faulty or off	Auto	It inhibits the regulation dependent on this	Configurable
AL37	Antifreeze pre-heating coil	Auto	Turn off the fan and close the log	Configurable
AL38	Coil temperature probe 1 faulty or off	Auto	It inhibits the regulation dependent on this	Configurable
AL39	Coil temperature sensor 2 faulty or off	Auto	It inhibits the regulation dependent on this	Configurable
AL40	Anti-freeze coil 1	Auto	Turn off the fan and close the log	Configurable
AL41	Antifreeze coil 2	Auto	Turn off the fan and close the log	Configurable
AL42	Water congruence coil 1	Auto	Force at 0% on coil 1	Configurable
AL43	Water congruence coil 2	Auto	Force at 0% on coil 2	Configurable
AL44	Water congruence preheating coil	Auto	0% power to preheating coil	Configurable
AL51	Air filter pressure switch level 2	A/M	Visualize	Configurable
AL52	Air pressure filter pressure switch level 3	A/M	Visualize	Configurable
AL53	Delivery air filter pressure switch level 4	A/M	Visualize	Configurable
AL54	Exhaust air filter pressostat level 2	A/M	Visualize	Configurable
AL55	Exhaust air filter pressure switch level 3	A/M	Visualize	Configurable
AL56	Exhaust air filter pressure switch level 4	A/M	Visualize	Configurable
AL57	Coil temperature probe post-heating faulty or off	Auto	It inhibits the regulation dependent on this	Configurable
AL58	Anti-ice post-heating coil	Auto	Turn off the fan and close the log	Configurable
AL59	Water congruence post-heating coil	Auto	Force at 0% to post-heating coil	Configurable
AL60	Thermal alarm of post-heating resistors	A/M	Turn off all resistances and force the Ventilator to 100%	Configurable
AL61	Generic alarm	A/M	Visualize	Configurable
AL62	Fan potentiometer damaged or switched off	Auto	It inhibits the regulation dependent on this	Configurable

A / M: Automatic or manual alarm (configurable by parameters)

(* 1) To reset the alarms related to the hours of operation, it is enough to reset the hours of the corresponding device to 0.

(* 2) These alarms cause the unit to turn off, passing it to the OFF state by alarm.

9. INFORMATION

9.1 HEATING AND / OR REFRIGERATION COIL

The control of the heating and / or water cooling coil is carried out by means of modulating valves. Consult the electrical diagram to proceed with your connection.

9.2 ELECTRICAL RESISTANT COIL

The electric coil module uses electric heating elements. They are three-phase power, the connections must be made in accordance with the electrical diagram supplied with the equipment.

In the units with heating coil module by electrical resistors, there is an electrical control panel in the module for the steps of the electric resistance coil.

The power supply to the electrical panel of the electrical resistor coil module is independent of the electrical power supply of the unit. Consult the electrical diagram to proceed with your connection.

For proper operation, attention must be paid to the following warnings:

- Make sure that the safety thermostat is installed and connected correctly.
- Make sure that the section of the power cable to the electrical resistor module is adequate.
- All connections must be made in accordance with good art practices.
- Never disconnect the power supply of the unit with the electric resistance coil in operation.
- After disconnecting the coil from electrical resistors, the fan must be left running to guarantee its cooling.

It can not be used simultaneously heating coil, heating / cooling coil and electric resistance coil.

9.3 AUTOMATIC OR MANUAL CHANGE OF OPERATING MODE

The operating mode can be defined on the display, manually (optional), with automatic switching defined by default.

9.4 FREE-COOLING / HEATING

The cooling / heating control compares exterior temperatures with interior temperatures. Allowing, when it is favorable, that there be direct admission of outside air and thus help regulate the interior temperature without additional energy costs. After the controller determines that, outside, the temperatures are favorable (Heating - Outside temperature higher than inside, Cooling - Outside temperature lower than inside), open a register so that there is direct circulation of outside air.

The automatic switching between freecooling and freeheating is only possible if the automatic switching of operating mode is active).

If automatic switching is not activated, this function will work according to the selected operating mode.

9.5 CONTROL OF FANS

In the units without the constant flow attachment or CO₂ control the variation of the fan speed is done through the controller (EC fans) or speed variation by external voltage variators (AC fans).

In cases where the regulation of the fans is manual, its regulation is done in the main window by pressing the UP or LOW buttons for a few seconds (until you hear a second confirmation tone) to increase or decrease the rotation speed of the fans

Variations are made in steps of 5%. The variation is applied simultaneously to the insufflation and return fan.

9.6 CONSTANT FLOW

The constant flow attachment allows the flow to be maintained constant regardless of the variation of the system load loss.

This accessory can not be added later to the equipment, if necessary it must be requested with the order of the equipment.

The set-point can be defined in the user menu, which corresponds to the value of the differential pressure.

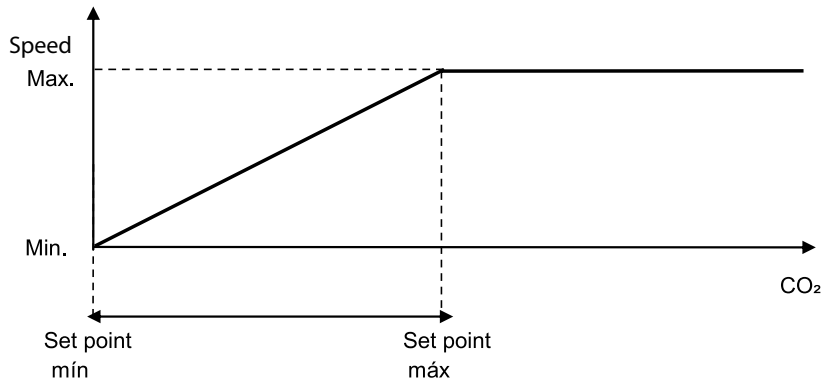
It is not possible to use constant flow control and CO₂ control simultaneously.

9.7 CO₂ CONTROL

The aim of the CO₂ control accessory is to monitor the concentration of carbon dioxide in the air in real time and adjust the fan according to the value of the carbon dioxide concentration measured and desired.

If this accessory is acquired later, reprogramming of the controller is necessary.

The CO₂ control is carried out in the following way:



It is not possible to use constant flow control and CO₂ control simultaneously.

10. ELECTRICAL CONNECTIONS

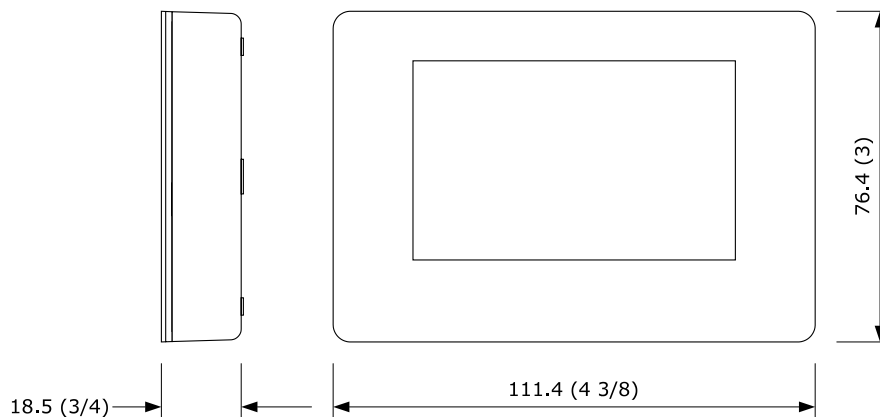
The electrical connections must be made by qualified personnel.

In the electrical panel there are terminals for the realization of electrical connections.

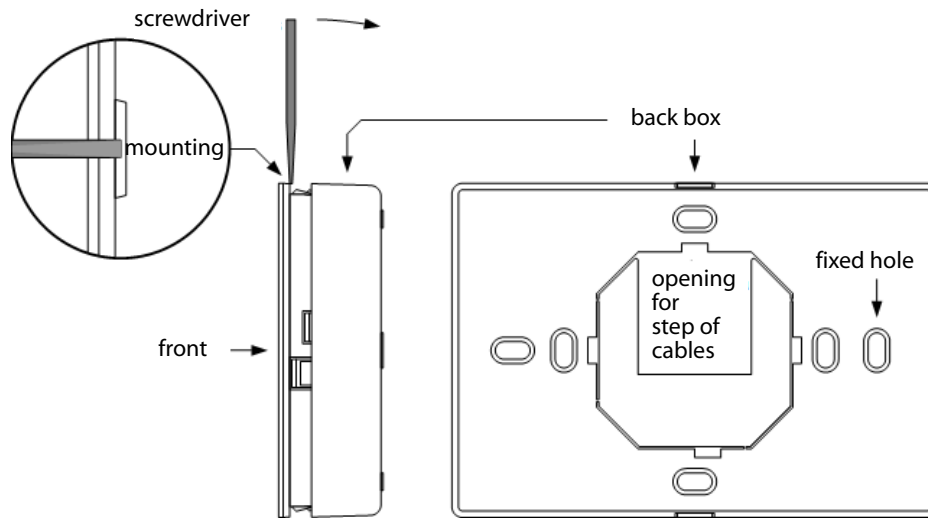
Always consult the electrical connection diagram to make the electrical connections.

11. TECHNICAL DATA

The following image indicates the dimensions (mm and ") of the display.



The display is intended for indoor installation on the wall. To install the screen you must proceed as follows:



1. Separate the back box from the display with the help of a screwdriver, as shown above.
2. Fit the back box of the display to the wall, in a suitable place that allows the connection cables to pass through.
3. Use the 4 existing holes to mark the holes and perform the drilling. You must use dowels and screws with a suitable dimension.
4. Fix the back box of the display to the wall with 4 screws.
5. Make the electrical connections according to the electrical diagram.
6. Fix the front of the display to the box.

Purpose of the device.	Controller	Operating Controller device
	Display	
Construction of the device.	Controller	built-in electronic device
	Display	
Material	Controller	self-extinguishing gray
	Display	self-extinguishing white
Category of resistance to heat and fire	Controller	-
	Display	
Dimensions	Controller	142.0 x 128.0 x 60.0 mm (5 9/16 x 5 1/16 x 2 3/8 in)
	Display	111.4 x 76.4 x 18.5 mm (4 3/8 x 3 x 3/4 in)
Mounting	Controller	Riel DIN
	Display	Wall with screws
Degree of protection	Controller	IP20
	Display	IP30
Connections	Controller	- Terminals with screws for cables up to 2.5 mm ² . - USB type A.
	Display	- Terminals with screws for cables up to 1.0 mm ² . - Micro USB.
Maximum length of electrical cables connection	Controller	- Food: 10 m (32.8 ft) - Analog inputs: 10 m (32.8 ft) - Auxiliary power: 10 m (32.8 ft) - Digital inputs: 10 m (32.8 ft) - Analog outputs 0-10 V: 10 m (32.8 ft) - Analog outputs PWM: 1 m (3.28 ft) - Digital outputs: 100 m (328 ft) - INTRABUS Port: 10 m (32.8 ft) - RS-485 MODBUS port: 1,000 m (3,280 ft) - CAN port: - 1,000 m (3,280 ft) with baud rate 20,000 baud - 500 m (1,640 ft) with baud rate 50,000 baud - 250 m (820 ft) with baud rate 125,000 baud - 50 m (164 ft) with baud rate 500,000 baud - USB port: 1 m (3.28 ft)
	Display	- Food: 10 m (32.8 ft) - INTRABUS Port: 10 m (32.8 ft) - USB port: 1 m (3.28 ft)
Usage temperature	Controller	de -20 a 55 °C (da -4 a 131 °F)
	Display	de 0 a 40 °C (da 32 a 104 °F)
Storage temperature	Controller	de -20 a 70 °C (da -4 a 158 °F)
	Display	
Humidity of use	Controller	from 5 to 95% relative humidity without condensation
	Display	
Accordance	Controller	- RoHS 2011/65/CE - WEEE 2012/19/EU - Regulation REACH (CE) n. 1907/2006 - EMC 2014/30/UE - LVD 2014/35/UE
	Display	- RoHS 2011/65/CE - WEEE 2012/19/EU - Regulation REACH (CE) n. 1907/2006 - EMC 2014/30/UE

Feeding	Controller	115... 230 VAC (+10 % -15 %), 50/60 Hz (± 3 Hz), max. 10 VA		
	Display	- 12 VAC ($\pm 15\%$), 50/60 Hz (± 3 Hz), max. 10 VA not isolated - 12 VDC ($\pm 15\%$), max. 10 W not isolated galvanically isolate the power of the other INTRABUS and CAN network devices		
Ground connection	Controller	any		
	Display			
Rated impulse voltage	Controller	4 KV		
	Display			
Overvoltage category	Controller	III		
	Display			
Class and structure of the software	Controller	A		
	Display			
Clock	Controller	Depending on the model (with secondary lithium coil)		
	Display	Not available		
Clock time	Controller	≤ 60 s / month at 25 °C (77 °F)		
	Display	Not available		
Autonomy of the watch coil	Controller	> 6 months at 25 °C (77 °F)		
	Display	Not available		
Charging time of the watch coil	Controller	24 h (the coil is charged by the controller's power supply)		
	Display	Not available		
Analog inputs	Controller	- 4 for PTC, NTC or Pt 1000 probes - 3 for NTC probes, 0-5 V transducers, 0-10 V, 0-20 mA or 4-20 mA		
		PTC probe	Type of sensor	KTY 81-121 (990 Ω @ 25 °C, 77 °F)
			Measurement field	da -50 a 150 °C (de -58 a 302 °F)
			Resolution	0,1 °C (1 °F)
		NTC probe	Type of sensor	$\beta 3435$ (10 K Ω @ 25 °C, 77 °F)
			Measurement field	da -50 a 120 °C (de -58 a 248 °F)
			Resolution	0,1 °C (1 °F)
		Pt 1000 probe	Type of sensor	1 K Ω @ 0 °C, 32 °F
			Measurement field	de -100 a 400 °C (de -148 a 752 °F)
			Resolution	0,1 °C (1 °F)
		Transdutor 0-5 V	Input resistance	≥ 10 K Ω
			Resolution	0,01 V
		Transdutor 0-10 V	Input resistance	≤ 200 Ω
			Resolution	0,01 mA
		Transdutor 4-20 mA	Input resistance	≤ 200 Ω
Resolution	0,01 mA			
Display	Not available			
Auxiliary power	Controller	12 VDC, +10% -15%, 100 mA máx.		
	Display	Not available		
Proportional transducer power	Controller	5 VDC, +10% -15%, 10 mA máx.		
	Display	Not available		

Digital tickets	Controller	- 2 dry and pulse contacts up to 2 KHz - 2 high voltage			
		Dry contact	Type of contact	3,3 VDC, 1 mA	
			Feeding	any	
	Contact of high voltage	Feeding	115 ... 230 VAC		
	Display	Not available			
Analog outputs	Controller	4 for signal 0-10 V or PWM			
		Signal 0-10 V	Minimum applicable impedance	1 K Ω	
			Resolution	0,01 V	
		PWM signal	Feeding	0... 10 VDC (+16 % -25 %), 10 mA max.	
			Frequency	10 Hz... 2 KHz	
	field		0... 100 %		
	Display	Not available			
Digital outputs	Controller	- 4 electromechanical relay SPST of 5 A res. @ 250 VAC - 1 electromechanical relay SPST of 8 A res. @ 250 VAC - 1 electromechanical relay SPDT of 16 A res. @ 250 VAC the device guarantees a reinforced insulation between each connector of the digital outputs and the remaining parts of the device itself			
	Display	Not available			
Type 1 or Type 2 actions	Controller	Type 1			
	Display	Not applicable			
Additional characteristics of the actions Type 1 or Type 2	Controller	-			
	Display	Not applicable			
Display	Controller	LED signaling			
	Display	LCD screen with 2 lines and function icons			
Alarm sound warning	Controller	Not applicable			
	Display	Incorporated			
Communication capacity	Controller	- 1 port INTRABUS - 1 RS-485 MODBUS port - 1 CAN port - 1 USB port			
	Display	- 1 INTRABUS portal - 1 USB port			

12. MODBUS COMMUNICATION

This controller is equipped with RS485 Modbus communication port, allowing its interconnection with centralized management systems.

12.1 MODBUS VARIABLES

The available variables may vary depending on the configuration of the unit.

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x0000	1	PMXX_enabDemo	0	1	Enable demo mode	R/W
0x0001	2	PMXX_TEnvironment_DEMO	-15.0	70.0	T return demo	R/W
0x0002	3	PMXX_Tsupply_DEMO	-15.0	70.0	T supply demo	R/W
0x0003	4	PMXX_TOutdoor_DEMO	-15.0	70.0	T new air demo	R/W
0x0004	5	PMXX_HreturnRoom_DEMO	0	100	H return demo	R/W
0x0005	6	PMXX_AirExhaust_DEMO	-15.0	70.0	Flow extraction of demonstration	R/W
0x0006	7	PMXX_PressureSup_DEMO	-5000	5000	Pressure of supply demo	R/Ww
0x0007	8	PMXX_AirQuality_DEMO	0	2000	Air quality demo	R/W
0x0008	9	PMXX_Hsupply_DEMO	0	100	H supply demo	R/W
0x0009	10	PMXX_remoteDamper_DEMO	0.00	100.00	Remote command demo record	R/W
0x000A	11	PMXX_remoteSet_DEMO	-10.0	10.0	Set point remote demo	R/W
0x000B	12	PMXX_PressureRet_DEMO	-5000	5000	Demonstration pressure	R/W
0x000C	13	PMXX_Tcoil3_DEMO	-15.0	70.0	T coil 3 demo	R/W
0x000D	14	PMXX_Tcoil1_DEMO	-15.0	70.0	T coil 1 demo	R/W
0x000E	15	PMXX_Tcoil2_DEMO	-15.0	70.0	T coil 2 demo	R/W
0x0100	257	Packed_DI	0	65535	bit00=DI01, bit01=DI02, bit02=DI03, bit03=DI04, bit04=DI05, bit05=DI06, bit06=DI07, bit07=DI08, bit08=DI09, bit09=DI10, bit10=DI11, bit11=DI12	R/W
0x0101	258	Packed_logicDI1	0	65535	bit00=DI01, bit01=DI02, bit02=DI03, bit03=DI04, bit04=DI05, bit05=DI06, bit06=DI07, bit07=DI08, bit08=DI09, bit09=DI10, bit10=DI11, bit11=DI12	R/W
0x0102	259	Packed_logicDI2	0	65535	bit00=DI01, bit01=DI02, bit02=DI03, bit03=DI04, bit04=DI05, bit05=DI06, bit06=DI07, bit07=DI08, bit08=DI09, bit09=DI10, bit10=DI11, bit11=DI12	R/W
0x0103	260	Packed_logicDI3	0	65535	bit00=DI01, bit01=DI02, bit02=DI03, bit03=DI04, bit04=DI05, bit05=DI06, bit06=DI07, bit07=DI08, bit08=DI09, bit09=DI10, bit10=DI11, bit11=DI12	R/W
0x0180	385	Packed_DO1	0	65535		R/W
0x0181	386	Packed_DO2	0	65535		R/W
0x0182	387	Packed_DO3	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x0183	388	Packed_DO4	0	65535		R/W
0x0184	389	Packed_DO5	0	65535		R/W
0x0200	513	AI_Toutdoor	-3276.8	3276.7	Outdoor temperature sensor / new air	R/O
0x0201	514	AI_TreturnRoom	-3276.8	3276.7	Return temperature probe	R/O
0x0202	515	AI_Tsupply	-3276.8	3276.7	Temperature probe supply	R/O
0x0204	517	AI_TExhaust	-3276.8	3276.7	Temperature probe extraction	R/O
0x0206	519	AI_PressureSup	-32768	32767	Pressure fan supply	R/O
0x0207	520	AI_AQ	-32768	32767	Air quality probe	R/O
0x020A	523	AI_PressureRet	-32768	32767	Extraction fan pressure	R/O
0x020B	524	AI_Tcoil3	-3276.8	3276.7	Temperature probe coil 3	R/O
0x020C	525	AI_Tcoil1	-3276.8	3276.7	Temperature probe coil 1	R/O
0x020D	526	AI_Tcoil2	-3276.8	3276.7	Temperature probe coil 2	R/O
0x0281	642	out_Vmix_Coil1	0.00	100.00		R/W
0x0282	643	out_Vmix_Coil2	0.00	100.00		R/W
0x0283	644	out_SupplyFan	0.00	100.00		R/W
0x0284	645	out_ReturnFan	0.00	100.00		R/W
0x0285	646	out_Heater	0.00	100.00		R/W
0x0287	648	out_MixDamper	0.00	100.00		R/W
0x0288	649	out_Recover	0.00	100.00		R/W
0x0289	650	out_PreHeater	0.00	100.00		R/W
0x0300	769	PackedAlarm_1	0	65535	Alarm 1 - 16	R/W
0x0301	770	PackedAlarm_2	0	65535	Alarm 17 - 32	R/W
0x0302	771	PackedAlarm_3	0	65535	Alarm 33 - 48	R/W
0x0303	772	PackedAlarm_4	0	65535	Alarm 49 - 64	R/W
0x0400	1025	Status_OnOff_bySUP	0	1	ON/OFF pela GTC	R/W
0x0500	1281	CLOCK_RTC (Low)	01/01/2000	19/01/2068 03:14:07	Clock	R/W
0x0502	1283	statusUnit	0	255		R/W
0x0503	1284	v_MoDE	0	1	Operation mode	R/W
0x0505	1286	actual_SupplySetPoint	-15.0	158.0	Current set-point	R/W
0x0506	1287	actual_SupplySetPoint_Heating	-15.0	158.0	Set point current supply in heating	R/W
0x0507	1288	actual_SupplySetPoint_Cooling	-15.0	158.0	Set point current cooling fan	R/W
0x050A	1291	Status_SupplyFan	0	9	Supply fan status	R/W
0x050B			1292			R/W
0x050F			1296			R/W
0x0510			1297			R/W
0x0511			1298			R/W
0x0515			1302			R/W
0x0516			1303			R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x0517	1304	limitC	0.00	100.00		R/W
0x0518	1305	limitH	0.00	100.00		R/W
0x0519	1306	Request_AirQuality	0.00	100.00		R/W
0x051A	1307	Req_FreeCoolingHeating	0.00	100.00		R/W
0x051C	1309	uiPreHeating	0.00	655.35		R/W
0x051D	1310	Status_warmupDamper	0	2	0=disab, 1=off, 2=on	R/W
0x05EC	1517	F4_Sunday_h4 (Low)	0:00:00	23:59:59		R/W
0x05ED	1518	F4_Sunday_h4 (High)				
0x05EF	1520	F4_Monday_h4 (Low)	0:00:00	23:59:59		R/W
0x05F0	1521	F4_Monday_h4 (High)				
0x05F2	1523	F4_Tuesday_h4 (Low)	0:00:00	23:59:59		R/W
0x05F3	1524	F4_Tuesday_h4 (High)				
0x05F5	1526	F4_Wednesday_h4 (Low)	0:00:00	23:59:59		R/W
0x05F6	1527	F4_Wednesday_h4 (High)				
0x05F8	1529	F4_Thursday_h4 (Low)	0:00:00	23:59:59		R/W
0x05F9	1530	F4_Thursday_h4 (High)				
0x05FB	1532	F4_Friday_h4 (Low)	0:00:00	23:59:59		R/W
0x05FC	1533	F4_Friday_h4 (High)				
0x05FE	1535	F4_Saturday_h4 (Low)	0:00:00	23:59:59		R/W
0x05FF	1536	F4_Saturday_h4 (High)				
0x0601	1538	F1_Monday_h1 (Low)	0:00:00	23:59:59		R/W
0x0602	1539	F1_Monday_h1 (High)				
0x0604	1541	F2_Monday_h2 (Low)	0:00:00	23:59:59		R/W
0x0605	1542	F2_Monday_h2 (High)				
0x0607	1544	F3_Monday_h3 (Low)	0:00:00	23:59:59		R/W
0x0608	1545	F3_Monday_h3 (High)				
0x060A	1547	F1_Tuesday_h1 (Low)	0:00:00	23:59:59		R/W
0x060B	1548	F1_Tuesday_h1 (High)				
0x060D	1550	F2_Tuesday_h2 (Low)	0:00:00	23:59:59		R/W
0x060E	1551	F2_Tuesday_h2 (High)				
0x0610	1553	F3_Tuesday_h3 (Low)	0:00:00	23:59:59		R/W
0x0611	1554	F3_Tuesday_h3 (High)				
0x0613	1556	F1_Wednesday_h1 (Low)	0:00:00	23:59:59		R/W
0x0614	1557	F1_Wednesday_h1 (High)				
0x0616	1559	F2_Wednesday_h2 (Low)	0:00:00	23:59:59		R/W
0x0617	1560	F2_Wednesday_h2 (High)				
0x0619	1562	F3_Wednesday_h3 (Low)	0:00:00	23:59:59		R/W
0x061A	1563	F3_Wednesday_h3 (High)				
0x061C	1565	F1_Thursday_h1 (Low)	0:00:00	23:59:59		R/W
0x061D	1566	F1_Thursday_h1 (High)				
0x061F	1568	F2_Thursday_h2 (Low)	0:00:00	23:59:59		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x0620	1569	F2_Thursday_h2 (High)				
0x0622	1571	F3_Thursday_h3 (Low)	0:00:00	23:59:59		R/W
0x0623	1572	F3_Thursday_h3 (High)				
0x0625	1574	F1_Friday_h1 (Low)	0:00:00	23:59:59		R/W
0x0626	1575	F1_Friday_h1 (High)				
0x0628	1577	F2_Friday_h2 (Low)	0:00:00	23:59:59		R/W
0x0629	1578	F2_Friday_h2 (High)				
0x062B	1580	F3_Friday_h3 (Low)	0:00:00	23:59:59		R/W
0x062C	1581	F3_Friday_h3 (High)				
0x062E	1583	F1_Saturday_h1 (Low)	0:00:00	23:59:59		R/W
0x062F	1584	F1_Saturday_h1 (High)				
0x0631	1586	F2_Saturday_h2 (Low)	0:00:00	23:59:59		R/W
0x0632	1587	F2_Saturday_h2 (High)				
0x0634	1589	F3_Saturday_h3 (Low)	0:00:00	23:59:59		R/W
0x0635	1590	F3_Saturday_h3 (High)				
0x0637	1592	F1_Sunday_h1 (Low)	0:00:00	23:59:59		R/W
0x0638	1593	F1_Sunday_h1 (High)				
0x063A	1595	F2_Sunday_h2 (Low)	0:00:00	23:59:59		R/W
0x063B	1596	F2_Sunday_h2 (High)				
0x063D	1598	F3_Sunday_h3 (Low)	0:00:00	23:59:59		R/W
0x063E	1599	F3_Sunday_h3 (High)				
0x0648	1609	PM00_Limit_HourFan (Low)	0.0	9999.0	Maximum limit of fan operating hours. Above this limit the alarm will remain active.	R/W
0x0649	1610	PM00_Limit_HourFan (High)			Maximum limit of fan operating hours. Above this limit the alarm will remain active.	
0x064A	1611	PM01_SupplyFan_Hours (Low)	0.0	9999.0	Working hours fan contribution	R/W
0x064B	1612	PM01_SupplyFan_Hours (High)			Working hours fan contribution	
0x064C	1613	PM02_ReturnFan_Hours (Low)	0.0	9999.0	Operating hours exhaust fan	R/W
0x064D	1614	PM02_ReturnFan_Hours (High)			Operating hours exhaust fan	
0x0654	1621	PM90_LastMaintainDATE (Low)	01/01/2008 00:00:01	19/01/2068 03:14:07	Last date maintenance was performed	R/W
0x0655	1622	PM90_LastMaintainDATE (High)			Last date maintenance was performed	
0x0658	1625	PM88_Calibration_remoteSet	-10.0	-10.0	Calibration of the remote set point	R/W
0x0659	1626	PM89_Calibration_remoteDamper	-10.0	-10.0	Calibration of the remote registry	R/W
0x065A	1627	PM80_Calibration_OutdoorProbe	-18.0	-18.0	Calibration of the outdoor temperature probe	R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x065B	1628	PM81_Calibration_ReturnRoom-Probe	-18.0	18.0	Calibration of the room temperature probe	R/W
0x065C	1629	PM82_Calibration_TsupplyProbe	-18.0	18.0	Calibration of the supply air temperature probe	R/W
0x065E	1631	PM84_Calibration_AirExhaustProbe	-18.0	18.0	Calibration of the rejected air temperature probe	R/W
0x065F	1632	PM85_Calibration_PressureSup	-100	100	Calibration of the pressure probe / delivery flow	R/W
0x0660	1633	PM86_Calibration_AirQuality_Probe	-100	100	Calibration of the air quality probe (CO ₂ / VOC)	R/W
0x0662	1635	PC01_EnableSetPointCompensation	0	1	Enable summer setpoint compensation	R/W
0x0663	1636	PC02_MaxSetPoint_Compensation	-15.0	158.0	Maximum setpoint for compensation in summer	R/W
0x0664	1637	PC03_SetPointExternal_StartCompensation	-15.0	158.0	Setpoint (on external t) of compensation start	R/W
0x0665	1638	PC04_OffsetSetPointExternal_Compensation	0.0	36.0	Differential (on external t) final compensation setpoint summer	R/W
0x0666	1639	PC05_Enable_SniffingMode	0	1	Enables measurement cycle for room temperature (when the probe is in the extraction)	R/W
0x0667	1640	PC06_WaitTime_SniffingCycle	1	99	Measurement cycle waiting time	R/W
0x0668	1641	PC07_ActiveTime_SniffingCycle	1	30	Activation time of the measurement cycle	R/W
0x0669	1642	PC08_EnableBothFans_onSniffing	0	1	Activation of the fans for measurement	R/W
0x066A	1643	PC61_summerCommutationSP	-20.0	158.0	Summer switching setpoint	R/W
0x066B	1644	PC62_winterCommutationSP	-20.0	158.0	Switching setpoint Winter	R/W
0x066C	1645	PC63_TempChangeover	0	2	Active probe for automatic switching	R/W
0x066D	1646	PF01_FanRegulationType	0	8	Type of regulation for the fan	R/W
0x066E	1647	PF02_FanRegulation_Diff	0.0	54.0	Differential for fan regulation	R/W
0x066F	1648	PF03_MinSpeedFan	0.00	100.00	Minimum speed for modulating fan regulation	R/W
0x0670	1649	PF04_MaxSpeedFan	0.00	100.00	Maximum speed for the modulating regulation of the fan	R/W
0x0671	1650	PF05_Fan_TonOther	0	999	Minimum time between starting the two fans	R/W
0x0672	1651	PF07_MinSpeed_ResistorOn	0.00	100.00	Minimum fan speed supply with electrical resistances in operation	R/W
0x0673	1652	PF08_FanRegulation_InverterOnOff_Diff	0.00	60.00	Differential of the rating step on the regulating modulating fan ramp	R/W
0x0674	1653	PF09_FanRegulation_InverterOnOff_Time	0	999	Waiting time (on and off) for enabling the step in the regulating ramp of the fan	R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x0675	1654	PF10_ForceOnErrorProbe	0.00	100.00	Fan speed of supply and extraction with alarm in the regulating probe	R/W
0x0676	1655	PF30_FanSpeed_VarDefrost	0.00	100.00	Percentage increase / decrease fan speed in defrost recovery	R/W
1656	1656	PF31_FanSpeed_TimeDefrost	1	100	Time of increase / decrease of fan speed in defrost recovery	R/W
1657	1657	PF32_DeltaReturnFan_Defrost	0.00	100.00	Delta Percentage fan extraction in defrost recovery	R/W
1659	1659	PF15_EnableFanLimitation	0	1	Enables fan limitation	R/W
1660	1660	PF16_MinTempLimitFan	-15.0	158.0	Minimum limitation temperature	R/W
0x067C	1661	PF17_MaxTempLimitFan	-15.0	158.0	Maximum limiting temperature	R/W
0x067D	1662	PF18_FanLimitation_Diff	0.0	54.0	Differential for fan limitation	R/W
0x067E	1663	Pb01_Temperature_Diff_Valve	0.0	36.0	Proportional band for regulation of cooling and heating valves	R/W
0x067F	1664	Pb02_Valve_Ti	0	999	Full time for the regulation of the valves of refrigeration and heating	R/W
0x0680	1665	Pb03_NeutralZone_Temperature	0.0	36.0	Neutral zone for temperature regulation	R/W
0x0681	1666	Pb05_Offset_ValveSupplySetPoint	0.0	36.0	Maximum deviation for the calculation of the distance of the set point of the supply	R/W
0x0682	1667	Pb06_Diff_ValveSupplySetPoint	0.0	36.0	Proportional band for the calculation of the dynamic input set point	R/W
0x0683	1668	Pb10_ForceHeatValve_OnError-Probe	0.00	100.00	Opening of the heating valves in alarm regulating probe	R/W
0x0684	1669	Pb11_ForceCoolValve_OnError-Probe	0.00	100.00	Opening of the heating valves in alarm regulating probe	R/W
0x0685	1670	Pb15_PriorityCoolingReq	0	3	Refrigeration order priority	R/W
0x0686	1671	Pb20_ResistorOnOffDelayTime	0	999	Input / output time resistors of 1 step	R/W
0x0691	1682	PS01_Type_FreeCoolingHeating	0	1	Type of Free-Cooling / Free-Heating	R/W
0x0692	1683	PA46_CongruenceBypass	0	999	Control congruence time bypass	R/W
0x0693	1684	PS03_Type_ControlShutter	0	4	Type of command register	R/W
0x0694	1685	PA47_Congruence_DelayOn	0	999	Controlo congruência Delay on	R/W
0x0695	1686	PA48_Congruence_DelayOff	0	999	Control Congruence Delay off	R/W
0x0696	1687	PA49_signalCongruenceAlarmOn-Relay	0	1	Signage type alarm	R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x0697	1688	PS07_PreStartTime_extDamper	0	9999	water congruence:	R/W
0x0698	1689	PS08_DelayOFF_extDamper	0	9999	Pre start time	R/W
0x0699	1690	PS09_FineCorsa_WaitTime	0	999	Delay to turn off	R/W
0x069B	1692	PS12_FreeCoolingHeatingTemp_enDiff	0.0	36.0	Final race time	R/W
0x069C	1693	PS13_FreeCoolingHeatingTemp_enSetPoint	0.0	68.0	Differential that enables freezing and freezing at temperature	R/W
0x069D	1694	PS15_EnableMinVal_AirExternal-Shutter	0	2	Differential Setpoint that enables free-cooling and free-heating in the temperature	R/W
0x069E	1695	PS20_AirQuality_SetPoint	0	9999	Enable minimum registry opening	R/W
0x069F	1696	PS21_AirQuality_Diff	0	2000	Setpoint regulation of air quality	R/W
0x06A0	1697	Pr01_SetPointDiff_HeatRecover	0.0	36.0	Differential regulation of air quality	R/W
0x06A1	1698	Pr02_Diff_HeatRecover	0.0	36.0	Setpoint Differential for re- gulation of the recuperator	R/W
0x06A2	1699	Pr03_SetPoint_Defrost	-15.0	158.0	Retrofit regulator differential	R/W
0x06A3	1700	Pr04_NeutralZone_Defrost	0.0	36.0	Setpoint defrost recovery	R/W
0x06A4	1701	Pr05_TimeByPass_Recover	1	99	Recovery defrost neutral zone	R/W
0x06A5	1702	Pr07_MinVal_RecoverAO	0.00	100.00	Bypass cycle time	R/W
0x06A6	1703	Pr08_MaxVal_RecoverAO	0.00	100.00	plate recovery for defrosting	R/W
0x06AB	1708	PA01_En_Alarm_HourFan	0	1	Minimum speed of the rotary recuperator	R/W
0x06AD	1710	PA03_signalHoursAlarmOnRelay	0	1	Minimum speed of the rotary recuperator	R/W
0x06AE	1711	PA04_AlarmProbe_Delay	0	240	Enables alarm hours of fan operation	R/W
0x06AF	1712	PA05_signalSensorsAlarmOnRelay	0	1	Type signaling alarm hours of operation:	R/W
0x06B1	1714	PA09_signalThermAlarmOnRelay	0	1	Delay alarm probe	R/W
0x06B3	1716	PA20_ResetType_AlarmDirtyRecoverSwitch	0	1	Type signaling alarm probe:	R/W
0x06B4	1717	PA21_AlarmDirtyRecoverSwitch	0	999	Type signaling thermal alarm fan, resistors	R/W
0x06B5	1718	PA24_ResetType_AlarmAirFilter-Switch	0	1	Type of reset alarm pressure switch	R/W
0x06B6	1719	PA25_AlarmAirFilterSwitchDelay	0	999	Delay alarm recovery pressure switch	R/W
0x06B7	1720	PA26_signalPressSwitchAlarmOn-Relay	0	1	Type signaling alarm pressure switch air filter:	R/W
0x06B8	1721	PA28_AlarmAirFlowSwitchDelay_Reset	0	999	Delay of time flow alarm after reset	R/W
0x06B9	1722	PA29_AlarmAirFlowSwitchDelay	0	999	Delayed water flow alarm	R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x06BA	1723	PA30_signalAirFlowAlarmOnRelay	0	1	Flusostat alarm signaling type:	R/W
0x06BE	1727	PA44_FireAlarm_Type	0	1	Type fire / smoke alarm	R/W
0x06BF	1728	PA36_AlarmAntiFreeze_Delay	0	999	Delay of anti-ice alarm	R/W
0x06C0	1729	PA37_signalAntiFreezeAlarmOn-Relay	0	1	Anti-ice alarm signaling type:	R/W
0x06C1	1730	PA40_EnableAlarmRTC	0	1	Enable RTC alarm	R/W
0x06C2	1731	PA41_ResetType_AlarmRTC	0	1	RTC alarm reset type	R/W
0x06C3	1732	PA42_signalRTCAlarmOnRelay	0	1	Type of alarm signal RTC:	R/W
0x06C4	1733	PA45_signalFireSmokeAlarmOn-Relay	0	1	Type fire / smoke alarm signaling:	R/W
0x06C5	1734	PH01_MinValPressureSup	-5000	5000	Minimum value pressure probe contribution	R/W
0x06C6	1735	PH02_MaxValPressureSup	-5000	5000	Maximum value pressure probe contribution	R/W
0x06C9	1738	PH05_Enable_OnOffByKey	0	1	Enables turning the unit on and off from the remote	R/W
0x06CD	1742	PH09_Enable_OnOffBySuperv	0	1	Enables turning the unit on and off by centralized management system	R/W
0x06CF	1744	PH11_Modbus_Address	1	247	Modbus address of the controller	R/W
0x06D0	1745	PH12_Modbus_Baud	0	7	Communication speed (0 = 1200, 1 = 2400, 2 = 4800, 3 = 9600, 4 = 19200)	R/W
0x06D1	1746	PH13_Modbus_Parity	0	2	ModBus parity (0 = none, 1 = odd, 2 = even)	R/W
0x06D2	1747	Modbus_StopBit	0	1	Stop Bit ModBus (0 = 1 bit, 1 = 2 bits)	R/W
0x06D3	1748	PH15_RestoreDefault	0	1	Reset all the parameters returning to the default value?	R/W
0x06D4	1749	PH18_HistoryReset	0	1	Remove alarm history	R/W
0x06D9	1754	PH21_HolidayType	0	1	Unit State on vacation	R/W
0x06DA	1755	PH32_TemperatureUM	0	1	Unit of measurement of the temperature:	R/W
0x06DC	1757	PH34_Language	0	1	Language	R/W
0x06DD	1758	PH37_MinPPM_QualityAir	0	9999	Minimum value PPM transducer CO ₂ / VOC	R/W
0x06DE	1759	PH38_MaxPPM_QualityAir	0	9999	Maximum value PPM transducer CO ₂ / VOC	R/W
0x06DF	1760	PH16_CAN_1st_BaudRate	1	4	CAN communication speed	R/W
0x06E0	1761	PH17_CAN_1st_MyNode	1	127	CAN network node	R/W
0x06E1	1762	PH23_MinValPressureRet	-5000	5000	Minimum value of extraction pressure probe	R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x06E2	1763	PH24_MaxValPressureRet	-5000	5000	Maximum value of extraction pressure probe	R/W
0x06E3	1764	PH25_EnableDayLightSavingTime	0	2	Enable automatic legal time	R/W
0x06EB	1772	PH19_Enable_OnOffByScheduler	0	1	Enables turning the unit on and off by programming	R/W
0x06F7	1784	PG01_Recover	0	1	Enable recovery	R/W
0x06F8	1785	PG02_FanSteps	0	3	Fan steps	R/W
0x06F9	1786	PG03_Coil1Type	0	3	Coil type 1	R/W
0x06FA	1787	PG04_Coil1Mode	0	3	Coil mode 1	R/W
0x06FB	1788	PG05_Coil2Type	0	2	Coil type 2	R/W
0x06FC	1789	PG06_ResistorsType	0	3	Type of resistances	R/W
0x06FF	1792	PG13_HeatingRecover_Type	0	4	Heat recovery type	R/W
0x0700	1793	PG14_RegProbe_Return	0	1	Position of the regulation probe:	R/W
0x0701	1794	PG08_PreHeaterType	0	2	Type of preheating coil	R/W
0x0709	1802	PS19_EnableOutBand_MixDamper	0	1	Enables off-band mixing regulation	R/W
0x0710	1809	PSd1_UserPassword	-999	9999	Level user password (1)	R/W
0x0711	1810	PSd2_MaintainPassword	-999	9999	Password MAINTENANCE (2)	R/W
0x0712	1811	PSd3_InstallerPassword	-999	9999	Installation level password (3)	R/W
0x0716	1815	PB21_secondZone	0.0	36.0	Second neutral zone for heating in case of 2 heating coil	R/W
0x0717	1816	PB22_secondDiff	0.0	18.0	Second differential in the case of 2 heating coil	R/W
0x0719	1818	Pb30_EnableSupplyLimitation	0	3	Enable contribution limitation	R/W
0x071A	1819	Pb31_TlimitCooling	-15.0	158.0	Setpoint cooling limitation	R/W
0x071B	1820	Pb32_TlimitDiff	0.0	54.0	Differential refrigeration limitation	R/W
0x071C	1821	Pb33_MinValLimitationC	0.0	100.0	Minimum value of refrigeration limitation	R/W
0x071D	1822	Pb34_TlimitHeating	-15.0	158.0	Minimum value of heating limitation	R/W
0x071E	1823	Pb35_TlimitDiff	0.0	54.0	Minimum value for the adjustment point of air quality regulation	R/W
0x071F	1824	Pb36_MinValLimitationH	0.0	100.0	Maximum value for the adjustment point of the air quality regulation	R/W
0x0720	1825	PF19_SetCO2_min	0	9999	Setpoint forced 1 fan of supply	R/W
0x0721	1826	PF20_SetCO2_max	0	9999	Setpoint forced 2 supply fan	R/W
0x0722	1827	PF21_ValFirstStepMod	0.00	100.00	Setpoint forced 3 supply fan	R/W
0x0723	1828	PF22_ValSecondStepMod	0.00	100.00	Fan speed change time	R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x0724	1829	PF23_ValThirdStepMod	0.00	100.00	Enable after ventilation	R/W
0x0725	1830	PF24_MinTimeOnStepsFan	0	999	Fan time in post-ventilation	R/W
0x0726	1831	PF25_MinTimeOnFan	0	999	Delta percentage fan extraction	R/W
0x0727	1832	PF26_EnablePostFan	0	1	Delta step fan extraction	R/W
0x0728	1833	PF27_MinTimePostFan	0	999	Type of alarm reset generic	R/W
0x0729	1834	PF28_DeltaPercReturnFan	-100.00	100.00	Delta percentage fan extraction	R/W
0x072A	1835	PF29_DeltaStepReturnFan	-2	2	Delta step fan extraction	R/W
0x072B	1836	PA22_ResetType_generalAL	0	1	Type of alarm reset generic	R/W
0x072C	1837	PA23_generalAL	0	999	Generic alarm delay	R/W
0x072D	1838	PA34_ResetType_AlarmThermal-Resistor	0	1	Type of reset thermal alarm resistors	R/W
0x072E	1839	PA35_ThermalResistorAlarm_Delay	0	999	Delay thermal alarm resistances	R/W
0x0730	1841	PS16_Diff_outBand	0.0	36.0	Out-of-band regulation differential	R/W
0x0731	1842	PS17_outBand_maxTime	0	241	Maximum out-of-band time	R/W
0x0733	1844	PS18_FineCorsa_warmup	0	999	End-of-race time record warm-up	R/W
0x0739	1850	PM93_Calibration_Tcoil1_Probe	-18.0	18.0	Calibration of the coil temperature probe 1	R/W
0x073A	1851	PM94_Calibration_Tcoil2_Probe	-18.0	18.0	Calibration of the coil temperature probe 2	R/W
0x073B	1852	Pr09_Setpoint_RecoverStop	-15.0	158.0	Setpoint recovery stop for defrosting	R/W
0x073C	1853	Pr10_Diff_RecoverStop	0.0	36.0	Differential stop recuperator for thawing	R/W
0x0743	1860	PH39_MinValSetRemote	-18.0	18.0	Minimum value for the setpoint point modification potentiometer	R/W
0x0744	1861	PH40_MaxValSetRemote	-18.0	18.0	Maximum value for the setpoint modification potentiometer	R/W
0x0746	1863	HA01	0	70	Assignment AI1	R/W
0x0747	1864	HA02	0	70	Assignment AI2	R/W
0x0748	1865	HA03	0	70	Assignment AI3	R/W
0x0749	1866	HA04	0	56	Assignment AI4	R/W
0x074A	1867	HA05	0	56	Assignment AI5	R/W
0x074B	1868	HA06	0	56	Assignment AI6	R/W
0x074C	1869	HA07	0	56	Assignment AI7	R/W
0x074D	1870	HA08	0	70	Assignment AI1 Epj	R/W
0x074E	1871	HA09	0	70	Assignment AI2 Epj	R/W
0x074F	1872	HB01[0]	0	48	Assignment	R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x0750	1873	HB01[1]	0	48	Assignment DI1	R/W
0x0751	1874	HB01[2]	0	48	Assignment DI1	R/W
0x0752	1875	HB01[3]	0	48	Assignment DI1	R/W
0x0753	1876	HB01[4]	0	48	Assignment DI1	R/W
0x0754	1877	HB01[5]	0	48	Assignment DI1	R/W
0x0755	1878	HB01[6]	0	48	Assignment DI1	R/W
0x0756	1879	HC01[0]	0	17	Assignment AO1	R/W
0x0757	1880	HC01[1]	0	17	Assignment AO1	R/W
0x0758	1881	HC01[2]	0	17	Assignment AO1	R/W
0x0759	1882	HC01[3]	0	17	Assignment AO1	R/W
0x075A	1883	HC01[4]	0	17	Assignment AO1	R/W
0x075B	1884	HC01[5]	0	17	Assignment AO1	R/W
0x075D	1886	HCF4	1	2000	Frequency / period PWM electric coil **	R/W
0x075E	1887	HCF1	10	2000	Frequency PWM fan supply	R/W
0x0760	1889	HD01[0]	0	66	Assignment DO1	R/W
0x0761	1890	HD01[1]	0	66	Assignment DO1	R/W
0x0762	1891	HD01[2]	0	66	Assignment DO1	R/W
0x0763	1892	HD01[3]	0	66	Assignment DO1	R/W
0x0764	1893	HD01[4]	0	66	Assignment DO1	R/W
0x0765	1894	HD01[5]	0	66	Assignment DO1	R/W
0x0766	1895	HD01[6]	0	66	Assignment DO1	R/W
0x0767	1896	HD01[7]	0	66	Assignment DO1	R/W
0x0768	1897	HD01[8]	0	66	Assignment DO1	R/W
0x0769	1898	PB23_mezzastagioneZone	0.0	36.0	Neutral zone for half station control	R/W
0x076A	1899	PB24_mezzastagioneDiff	0.0	18.0	Differential for half station control	R/W
0x0775	1910	PF40_setFlow_Supply	100	65535	Setpoint pressure / constant flow supply	R/W
0x0776	1911	PF41_DeadZoneFlow	1	999	Neutral zone pressure / constant flow supply	R/W
0x0777	1912	PF42_setPressure_Supply	-999	999	Setpoint pressure / constant flow extraction	R/W
0x0778	1913	PF43_DeadZonePress	1	100	Neutral zone pressure / constant flow extraction	R/W
0x0779	1914	PF44_FanModSpeed	1	100	Time of increase / decrease of fan speed in pressure / constant flow	R/W
0x077A	1915	PF45_FanModInc	0.00	100.00	Percentage increase / decrease of fan speed in constant pressure / flow	R/W
0x077B	1916	PF46_StartUpFanSpeed	0.00	100.00	Speed start-up pressure fan / constant flow	R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x077C	1917	PF47_startupTime	0	9999	Start-up time pressure fan / constant flow	R/W
0x077E	1919	PH41_SimbolMode	0	1	Meaning symbol Summer / winter	R/W
0x0784	1925	HD01[9]	0	66	Assignment DO1	R/W
0x0785	1926	HD01[10]	0	66	Assignment DO1	R/W
0x078C	1933	SDC_SetCold_DI	-15.0	158.0	Force cold point by digital input	R/W
0x078D	1934	SDH_SetHot_DI	-15.0	158.0	Force point hot point by digital input	R/W
0x0790	1937	Pb40_setPH	-15.0	68.0	Setpoint preheating	R/W
0x0791	1938	Pb41_DeadZonePH	0.2	36.0	Neutral zone preheating	R/W
0x0792	1939	Pb42_PHmodSpeed	1	255	Preheating modulation time	R/W
0x0793	1940	Pb43_PHmodInc	1.00	50.00	Percentage variation preheating modulation	R/W
0x0794	1941	StartHoliday_BMS	0	1	Holiday home	R/W
0x0796	1943	HCV1	1.00	10.00	Maximum voltage output PWM slow electric coil	R/W
0x0799	1946	PF50_minSetFlow	100	65535	Minimum value setpoint pressure / flow contribution	R/W
0x079A	1947	PF51_maxSetFlow	100	65535	Maximum value set pressure / flow rate contribution	R/W
0x079B	1948	PF52_minSetPressure	-999	999	Minimum value setpoint pressure / extraction flow	R/W
0x079C	1949	PF53_maxSetPressure	-999	999	Maximum value setpoint pressure / extraction flow	R/W
0x079D	1950	Holiday_Days	0	255	Holidays	R/W
0x079E	1951	Holiday_Hours	0	23	Holiday hours	R/W
0x079F	1952	PM91_Calibration_PressureRet	-100	100	Calibration of the pressure probe / extraction flow	R/W
0x07A3	1956	PM92_Calibration_Tcoil3_Probe	-18.0	18.0	Calibration of the pre-heating coil temperature probe	R/W
0x07A4	1957	PA38_SetAntiFreeze_Coils	-15.0	68.0	Alarm set old coil	R/W
0x07A5	1958	PA39_DiffAntiFreeze_Coils	0.1	18.0	Differential anti-ice alarm coil	R/W
0x07A6	1959	PF57_ReturnFanStatus_OutBand	0	1	State extraction fan with unit in total recirculation	R/W
0x07A7	1960	Holiday_end (Low)	01/01/2000	19/01/2068 03:14:07	Weekend	R/W
0x07A8	1961	Holiday_end (High)			Weekend	
0x07AF	1968	ModeStatus_vtp	0	5	Operating mode	R/W
0x07B9	1978	PE10_drippingTime	0	15	PE10 - Dripping time	R/W
0x07BB	1980	PE12_EvapSetDefrostCount	0.0	68.0	PE12 - Evaporator set defrost counting	R/W
0x07BD	1982	PE14_HoursWearFactor	0	50	PE14 - Hours wear factor	R/W
0x07BE	1983	PE15_StartWearFactor	0	50	PE15 - Start wear factor	R/W
0x3000	12289	Cat_Menu[0]	0	65535		R/W
0x3001	12290	Cat_Menu[1]	0	65535		R/W
0x3002	12291	Cat_Menu[2]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3003	12292	Cat_Menu[3]	0	65535		R/W
0x3004	12293	Cat_Menu[4]	0	65535		R/W
0x3005	12294	Cat_Menu[5]	0	65535		R/W
0x3006	12295	Cat_Menu[6]	0	65535		R/W
0x3007	12296	Cat_Menu[7]	0	65535		R/W
0x3008	12297	Cat_Menu[8]	0	65535		R/W
0x3009	12298	Cat_Menu[9]	0	65535		R/W
0x300A	12299	Cat_InfoDevice[0]	0	65535		R/W
0x300B	12300	Cat_InfoDevice[1]	0	65535		R/W
0x300C	12301	Cat_InfoDevice[2]	0	65535		R/W
0x300D	12302	Cat_InfoDevice[3]	0	65535		R/W
0x300E	12303	Cat_InfoDevice[4]	0	65535		R/W
0x300F	12304	Cat_InfoDevice[5]	0	65535		R/W
0x3010	12305	Cat_InfoDevice[6]	0	65535		R/W
0x3011	12306	Cat_InfoDevice[7]	0	65535		R/W
0x3012	12307	Cat_InfoDevice[8]	0	65535		R/W
0x3013	12308	Cat_InfoDevice[9]	0	65535		R/W
0x3014	12309	Fw_Identifier[0]	0	65535		R/W
0x3015	12310	Fw_Identifier[1]	0	65535		R/W
0x3016	12311	Fw_Identifier[2]	0	65535		R/W
0x3017	12312	Fw_Identifier[3]	0	65535		R/W
0x3018	12313	Fw_Identifier[4]	0	65535		R/W
0x3019	12314	Fw_Identifier[5]	0	65535		R/W
0x301A	12315	Fw_Identifier[6]	0	65535		R/W
0x301B	12316	Fw_Identifier[7]	0	65535		R/W
0x301C	12317	Fw_Identifier[8]	0	65535		R/W
0x301D	12318	Fw_Identifier[9]	0	65535		R/W
0x301E	12319	Fw_Variation[0]	0	65535		R/W
0x301F	12320	Fw_Variation[1]	0	65535		R/W
0x3020	12321	Fw_Variation[2]	0	65535		R/W
0x3021	12322	Fw_Variation[3]	0	65535		R/W
0x3022	12323	Fw_Variation[4]	0	65535		R/W
0x3023	12324	Fw_Variation[5]	0	65535		R/W
0x3024	12325	Fw_Variation[6]	0	65535		R/W
0x3025	12326	Fw_Variation[7]	0	65535		R/W
0x3026	12327	Fw_Variation[8]	0	65535		R/W
0x3027	12328	Fw_Variation[9]	0	65535		R/W
0x3028	12329	Fw_Revision[0]	0	65535		R/W
0x3029	12330	Fw_Revision[1]	0	65535		R/W
0x302A	12331	Fw_Revision[2]	0	65535		R/W
0x302B	12332	Fw_Revision[3]	0	65535		R/W
0x302C	12333	Fw_Revision[4]	0	65535		R/W
0x302D	12334	Fw_Revision[5]	0	65535		R/W
0x302E	12335	Fw_Revision[6]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x302F	12336	Fw_Revision[7]	0	65535		R/W
0x3030	12337	Fw_Revision[8]	0	65535		R/W
0x3031	12338	Fw_Revision[9]	0	65535		R/W
0x3032	12339	Fw_Version[0]	0	65535		R/W
0x3033	12340	Fw_Version[1]	0	65535		R/W
0x3034	12341	Fw_Version[2]	0	65535		R/W
0x3035	12342	Fw_Version[3]	0	65535		R/W
0x3036	12343	Fw_Version[4]	0	65535		R/W
0x3037	12344	Fw_Version[5]	0	65535		R/W
0x3038	12345	Fw_Version[6]	0	65535		R/W
0x3039	12346	Fw_Version[7]	0	65535		R/W
0x303A	12347	Fw_Version[8]	0	65535		R/W
0x303B	12348	Fw_Version[9]	0	65535		R/W
0x303C	12349	Json_Version[0]	0	65535		R/W
0x303D	12350	Json_Version[1]	0	65535		R/W
0x303E	12351	Json_Version[2]	0	65535		R/W
0x303F	12352	Json_Version[3]	0	65535		R/W
0x3040	12353	Json_Version[4]	0	65535		R/W
0x3041	12354	Json_Version[5]	0	65535		R/W
0x3042	12355	Json_Version[6]	0	65535		R/W
0x3043	12356	Json_Version[7]	0	65535		R/W
0x3044	12357	Json_Version[8]	0	65535		R/W
0x3045	12358	Json_Version[9]	0	65535		R/W
0x3046	12359	TB_Type[0]	0	65535		R/W
0x3047	12360	TB_Type[1]	0	65535		R/W
0x3048	12361	TB_Type[2]	0	65535		R/W
0x3049	12362	TB_Type[3]	0	65535		R/W
0x304A	12363	TB_Type[4]	0	65535		R/W
0x304B	12364	TB_Type[5]	0	65535		R/W
0x304C	12365	TB_Type[6]	0	65535		R/W
0x304D	12366	TB_Type[7]	0	65535		R/W
0x304E	12367	TB_Type[8]	0	65535		R/W
0x304F	12368	TB_Type[9]	0	65535		R/W
0x3050	12369	Cat_RealTime[0]	0	65535		R/W
0x3051	12370	Cat_RealTime[1]	0	65535		R/W
0x3052	12371	Cat_RealTime[2]	0	65535		R/W
0x3053	12372	Cat_RealTime[3]	0	65535		R/W
0x3054	12373	Cat_RealTime[4]	0	65535		R/W
0x3055	12374	Cat_RealTime[5]	0	65535		R/W
0x3056	12375	Cat_RealTime[6]	0	65535		R/W
0x3057	12376	Cat_RealTime[7]	0	65535		R/W
0x3058	12377	Cat_RealTime[8]	0	65535		R/W
0x3059	12378	Cat_RealTime[9]	0	65535		R/W
0x305A	12379	UnitStatus_App	0	3	0:On, 1:Stand-by, 2:Stand-by by scheduler, 3:Stand-by by DI	R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x305B	12380	UnitStatus_array[0]	0	65535		R/W
0x305C	12381	UnitStatus_array[1]	0	65535		R/W
0x305D	12382	UnitStatus_array[2]	0	65535		R/W
0x305E	12383	UnitStatus_array[3]	0	65535		R/W
0x305F	12384	UnitStatus_array[4]	0	65535		R/W
0x3060	12385	UnitStatus_array[5]	0	65535		R/W
0x3061	12386	UnitStatus_array[6]	0	65535		R/W
0x3062	12387	UnitStatus_array[7]	0	65535		R/W
0x3063	12388	UnitStatus_array[8]	0	65535		R/W
0x3064	12389	PH20_Enable_Scheduler	0	1	Enable on off by keyboard	R/W
0x3065	12390	Timebands_array[0]	0	65535		R/W
0x3066	12391	Timebands_array[1]	0	65535		R/W
0x3067	12392	Timebands_array[2]	0	65535		R/W
0x3068	12393	Timebands_array[3]	0	65535		R/W
0x3069	12394	Timebands_array[4]	0	65535		R/W
0x306A	12395	Timebands_array[5]	0	65535		R/W
0x306B	12396	Timebands_array[6]	0	65535		R/W
0x306C	12397	Timebands_array[7]	0	65535		R/W
0x306D	12398	Timebands_array[8]	0	65535		R/W
0x306E	12399	OR_Alarms	0	1		R/W
0x306F	12400	OR_Alarms_array[0]	0	65535		R/W
0x3070	12401	OR_Alarms_array[1]	0	65535		R/W
0x3071	12402	OR_Alarms_array[2]	0	65535		R/W
0x3072	12403	OR_Alarms_array[3]	0	65535		R/W
0x3073	12404	OR_Alarms_array[4]	0	65535		R/W
0x3074	12405	OR_Alarms_array[5]	0	65535		R/W
0x3075	12406	OR_Alarms_array[6]	0	65535		R/W
0x3076	12407	OR_Alarms_array[7]	0	65535		R/W
0x3077	12408	OR_Alarms_array[8]	0	65535		R/W
0x3078	12409	Mode_App	0	255		R/W
0x3079	12410	Mode_array[0]	0	65535		R/W
0x307A	12411	Mode_array[1]	0	65535		R/W
0x307B	12412	Mode_array[2]	0	65535		R/W
0x307C	12413	Mode_array[3]	0	65535		R/W
0x307D	12414	Mode_array[4]	0	65535		R/W
0x307E	12415	Mode_array[5]	0	65535		R/W
0x307F	12416	Mode_array[6]	0	65535		R/W
0x3080	12417	Mode_array[7]	0	65535		R/W
0x3081	12418	Mode_array[8]	0	65535		R/W
0x3082	12419	Mode_ManAuto	0	3	Manual / auto mode 0 = Cold Man, 1 = Quente Man, 2 = Cold Auto, 3 = Quente Auto	R/W
0x3083	12420	RegMode_array[0]	0	65535		R/W
0x3084	12421	RegMode_array[1]	0	65535		R/W
0x3085	12422	RegMode_array[2]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3086	12423	RegMode_array[3]	0	65535		R/W
0x3087	12424	RegMode_array[4]	0	65535		R/W
0x3088	12425	RegMode_array[5]	0	65535		R/W
0x3089	12426	RegMode_array[6]	0	65535		R/W
0x308A	12427	RegMode_array[7]	0	65535		R/W
0x308B	12428	RegMode_array[8]	0	65535		R/W
0x308C	12429	MOdE_OperatingMode	0	2	0=Cool (Chiller), 1=Heat (PdC), 2=Auto	R/W
0x308D	12430	OperatingMode_array[0]	0	65535		R/W
0x308E	12431	OperatingMode_array[1]	0	65535		R/W
0x308F	12432	OperatingMode_array[2]	0	65535		R/W
0x3090	12433	OperatingMode_array[3]	0	65535		R/W
0x3091	12434	OperatingMode_array[4]	0	65535		R/W
0x3092	12435	OperatingMode_array[5]	0	65535		R/W
0x3093	12436	OperatingMode_array[6]	0	65535		R/W
0x3094	12437	OperatingMode_array[7]	0	65535		R/W
0x3095	12438	OperatingMode_array[8]	0	65535		R/W
0x3096	12439	Actual_Setpoint	-15.0	158.0	Set point	R/W
0x3097	12440	ActualSetpoint_array[0]	-32768	32767		R/W
0x3098	12441	ActualSetpoint_array[1]	-32768	32767		R/W
0x3099	12442	ActualSetpoint_array[2]	-32768	32767		R/W
0x309A	12443	ActualSetpoint_array[3]	-32768	32767		R/W
0x309B	12444	ActualSetpoint_array[4]	-32768	32767		R/W
0x309C	12445	ActualSetpoint_array[5]	-32768	32767		R/W
0x309D	12446	ActualSetpoint_array[6]	-32768	32767		R/W
0x309E	12447	ActualSetpoint_array[7]	-32768	32767		R/W
0x309F	12448	ActualSetpoint_array[8]	-32768	32767		R/W
0x30A0	12449	TChangeover	-32768	32767		R/W
0x30A1	12450	TChangeover_array[0]	-32768	32767		R/W
0x30A2	12451	TChangeover_array[1]	-32768	32767		R/W
0x30A3	12452	TChangeover_array[2]	-32768	32767		R/W
0x30A4	12453	TChangeover_array[3]	-32768	32767		R/W
0x30A5	12454	TChangeover_array[4]	-32768	32767		R/W
0x30A6	12455	TChangeover_array[5]	-32768	32767		R/W
0x30A7	12456	TChangeover_array[6]	-32768	32767		R/W
0x30A8	12457	TChangeover_array[7]	-32768	32767		R/W
0x30A9	12458	TChangeover_array[8]	-32768	32767		R/W
0x30AA	12459	TRegulation	-32768	32767		R/W
0x30AB	12460	TRegulation_array[0]	-32768	32767		R/W
0x30AC	12461	TRegulation_array[1]	-32768	32767		R/W
0x30AD	12462	TRegulation_array[2]	-32768	32767		R/W
0x30AE	12463	TRegulation_array[3]	-32768	32767		R/W
0x30AF	12464	TRegulation_array[4]	-32768	32767		R/W
0x30B0	12465	TRegulation_array[5]	-32768	32767		R/W
0x30B1	12466	TRegulation_array[6]	-32768	32767		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x30B2	12467	TRegulation_array[7]	0.00	32767		R/W
0x30B3	12468	TRegulation_array[8]	0	32767		R/W
0x30B4	12469	FanActualSet_App	0	100.00	Current fan regulation	R/W
0x30B5	12470	FanActualSet_array[0]	0	65535		R/W
0x30B6	12471	FanActualSet_array[1]	0	65535		R/W
0x30B7	12472	FanActualSet_array[2]	0	65535		R/W
0x30B8	12473	FanActualSet_array[3]	0	65535		R/W
0x30B9	12474	FanActualSet_array[4]	0	65535		R/W
0x30BA	12475	FanActualSet_array[5]	0	65535		R/W
0x30BB	12476	FanActualSet_array[6]		65535		R/W
0x30BC	12477	FanActualSet_array[7]		65535		R/W
0x30BD	12478	FanActualSet_array[8]	0	65535		R/W
0x30BE	12479	DamperActualSet_App	0.00	100.00	Current registration regulation	R/W
0x30BF	12480	DamperActualSet_array[0]	0	65535		R/W
0x30C0	12481	DamperActualSet_array[1]	0	65535		R/W
0x30C1	12482	DamperActualSet_array[2]	0	65535		R/W
0x30C2	12483	DamperActualSet_array[3]	0	65535		R/W
0x30C3	12484	DamperActualSet_array[4]	0	65535		R/W
0x30C4	12485	DamperActualSet_array[5]	0	65535		R/W
0x30C5	12486	DamperActualSet_array[6]	0	65535		R/W
0x30C6	12487	DamperActualSet_array[7]	0	65535		R/W
0x30C7	12488	DamperActualSet_array[8]	0	65535		R/W
0x30C9	12490	PU01_SetHumidity_array[0]	0	65535		R/W
0x30CA	12491	PU01_SetHumidity_array[1]	0	65535		R/W
0x30CB	12492	PU01_SetHumidity_array[2]	0	65535		R/W
0x30CC	12493	PU01_SetHumidity_array[3]	0	65535		R/W
0x30CD	12494	PU01_SetHumidity_array[4]	0	65535		R/W
0x30CE	12495	PU01_SetHumidity_array[5]	0	65535		R/W
0x30CF	12496	PU01_SetHumidity_array[6]	0	65535		R/W
0x30D0	12497	PU01_SetHumidity_array[7]	0	65535		R/W
0x30D1	12498	PU01_SetHumidity_array[8]	0	65535		R/W
0x30D2	12499	Cat_Alarms[0]	0	65535		R/W
0x30D3	12500	Cat_Alarms[1]	0	65535		R/W
0x30D4	12501	Cat_Alarms[2]	0	65535		R/W
0x30D5	12502	Cat_Alarms[3]	0	65535		R/W
0x30D6	12503	Cat_Alarms[4]	0	65535		R/W
0x30D7	12504	Cat_Alarms[5]	0	65535		R/W
0x30D8	12505	Cat_Alarms[6]	0	65535		R/W
0x30D9	12506	Cat_Alarms[7]	0	65535		R/W
0x30DA	12507	Cat_Alarms[8]	0	65535		R/W
0x30DB	12508	Cat_Alarms[9]	0	65535		R/W
0x30DC	12509	ALsupp	0	1		R/W
0x30DD	12510	AL01_array[0]	0	65535		R/W
0x30DE	12511	AL01_array[1]	0	65535		R/W
0x30DF	12512	AL01_array[2]	0	65535		R/W
0x30E0	12513	AL01_array[3]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x30E1	12514	AL01_array[4]	0	65535		R/W
0x30E2	12515	AL01_array[5]	0	65535		R/W
0x30E3	12516	AL01_array[6]	0	65535		R/W
0x30E4	12517	AL01_array[7]	0	65535		R/W
0x30E5	12518	AL01_array[8]	0	65535		R/W
0x30E6	12519	AL13	0	1		R/W
0x30E7	12520	AL13_array[0]	0	65535		R/W
0x30E8	12521	AL13_array[1]	0	65535		R/W
0x30E9	12522	AL13_array[2]	0	65535		R/W
0x30EA	12523	AL13_array[3]	0	65535		R/W
0x30EB	12524	AL13_array[4]	0	65535		R/W
0x30EC	12525	AL13_array[5]	0	65535		R/W
0x30ED	12526	AL13_array[6]	0	65535		R/W
0x30EE	12527	AL13_array[7]	0	65535		R/W
0x30EF	12528	AL13_array[8]	0	65535		R/W
0x30F0	12529	Cat_TimeBands[0]	0	65535		R/W
0x30F1	12530	Cat_TimeBands[1]	0	65535		R/W
0x30F2	12531	Cat_TimeBands[2]	0	65535		R/W
0x30F3	12532	Cat_TimeBands[3]	0	65535		R/W
0x30F4	12533	Cat_TimeBands[4]	0	65535		R/W
0x30F5	12534	Cat_TimeBands[5]	0	65535		R/W
0x30F6	12535	Cat_TimeBands[6]	0	65535		R/W
0x30F7	12536	Cat_TimeBands[7]	0	65535		R/W
0x30F8	12537	Cat_TimeBands[8]	0	65535		R/W
0x30F9	12538	Cat_TimeBands[9]	0	65535		R/W
0x30FA	12539	T01_TBMode_App	0	3	Time Programming 0 = Off, 1 = On, 2 = Holiday On, 3 = Holiday Off	R/W
0x30FB	12540	T01_TBModeApp_array[0]	0	65535		R/W
0x30FC	12541	T01_TBModeApp_array[1]	0	65535		R/W
0x30FD	12542	T01_TBModeApp_array[2]	0	65535		R/W
0x30FE	12543	T01_TBModeApp_array[3]	0	65535		R/W
0x30FF	12544	T01_TBModeApp_array[4]	0	65535		R/W
0x3100	12545	T01_TBModeApp_array[5]	0	65535		R/W
0x3101	12546	T01_TBModeApp_array[6]	0	65535		R/W
0x3102	12547	T01_TBModeApp_array[7]	0	65535		R/W
0x3103	12548	T01_TBModeApp_array[8]	0	65535		R/W
0x3104	12549	F1_Sunday_h1_App	0	95		R/W
0x3105	12550	F1_Sunday_h1_array[0]	0	65535		R/W
0x3106	12551	F1_Sunday_h1_array[1]	0	65535		R/W
0x3107	12552	F1_Sunday_h1_array[2]	0	65535		R/W
0x3108	12553	F1_Sunday_h1_array[3]	0	65535		R/W
0x3109	12554	F1_Sunday_h1_array[4]	0	65535		R/W
0x310A	12555	F1_Sunday_h1_array[5]	0	65535		R/W
0x310B	12556	F1_Sunday_h1_array[6]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x310C	12557	F1_Sunday_h1_array[7]	0	65535		R/W
0x310D	12558	F1_Sunday_h1_array[8]	0	65535		R/W
0x310E	12559	F1_Sunday_p1	0	4		R/W
0x310F	12560	F1_Sunday_p1_array[0]	0	65535		R/W
0x3110	12561	F1_Sunday_p1_array[1]	0	65535		R/W
0x3111	12562	F1_Sunday_p1_array[2]	0	65535		R/W
0x3112	12563	F1_Sunday_p1_array[3]	0	65535		R/W
0x3113	12564	F1_Sunday_p1_array[4]	0	65535		R/W
0x3114	12565	F1_Sunday_p1_array[5]	0	65535		R/W
0x3115	12566	F1_Sunday_p1_array[6]	0	65535		R/W
0x3116	12567	F1_Sunday_p1_array[7]	0	65535		R/W
0x3117	12568	F1_Sunday_p1_array[8]	0	65535		R/W
0x3118	12569	F2_Sunday_h2_App	0	95		R/W
0x3119	12570	F2_Sunday_h2_array[0]	0	65535		R/W
0x311A	12571	F2_Sunday_h2_array[1]	0	65535		R/W
0x311B	12572	F2_Sunday_h2_array[2]	0	65535		R/W
0x311C	12573	F2_Sunday_h2_array[3]	0	65535		R/W
0x311D	12574	F2_Sunday_h2_array[4]	0	65535		R/W
0x311E	12575	F2_Sunday_h2_array[5]	0	65535		R/W
0x311F	12576	F2_Sunday_h2_array[6]	0	65535		R/W
0x3120	12577	F2_Sunday_h2_array[7]	0	65535		R/W
0x3121	12578	F2_Sunday_h2_array[8]	0	65535		R/W
0x3122	12579	F2_Sunday_p2	0	4		R/W
0x3123	12580	F2_Sunday_p2_array[0]	0	65535		R/W
0x3124	12581	F2_Sunday_p2_array[1]	0	65535		R/W
0x3125	12582	F2_Sunday_p2_array[2]	0	65535		R/W
0x3126	12583	F2_Sunday_p2_array[3]	0	65535		R/W
0x3127	12584	F2_Sunday_p2_array[4]	0	65535		R/W
0x3128	12585	F2_Sunday_p2_array[5]	0	65535		R/W
0x3129	12586	F2_Sunday_p2_array[6]	0	65535		R/W
0x312A	12587	F2_Sunday_p2_array[7]	0	65535		R/W
0x312B	12588	F2_Sunday_p2_array[8]	0	65535		R/W
0x312C	12589	F3_Sunday_h3_App	0	95		R/W
0x312D	12590	F3_Sunday_h3_array[0]	0	65535		R/W
0x312E	12591	F3_Sunday_h3_array[1]	0	65535		R/W
0x312F	12592	F3_Sunday_h3_array[2]	0	65535		R/W
0x3130	12593	F3_Sunday_h3_array[3]	0	65535		R/W
0x3131	12594	F3_Sunday_h3_array[4]	0	65535		R/W
0x3132	12595	F3_Sunday_h3_array[5]	0	65535		R/W
0x3133	12596	F3_Sunday_h3_array[6]	0	65535		R/W
0x3134	12597	F3_Sunday_h3_array[7]	0	65535		R/W
0x3135	12598	F3_Sunday_h3_array[8]	0	65535		R/W
0x3136	12599	F3_Sunday_p3	0	4		R/W
0x3137	12600	F3_Sunday_p3_array[0]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3138	12601	F3_Sunday_p3_array[1]	0	65535		R/W
0x3139	12602	F3_Sunday_p3_array[2]	0	65535		R/W
0x313A	12603	F3_Sunday_p3_array[3]	0	65535		R/W
0x313B	12604	F3_Sunday_p3_array[4]	0	65535		R/W
0x313C	12605	F3_Sunday_p3_array[5]	0	65535		R/W
0x313D	12606	F3_Sunday_p3_array[6]	0	65535		R/W
0x313E	12607	F3_Sunday_p3_array[7]	0	65535		R/W
0x313F	12608	F3_Sunday_p3_array[8]	0	65535		R/W
0x3140	12609	F4_Sunday_h4_App	0	95		R/W
0x3141	12610	F4_Sunday_h4_array[0]	0	65535		R/W
0x3142	12611	F4_Sunday_h4_array[1]	0	65535		R/W
0x3143	12612	F4_Sunday_h4_array[2]	0	65535		R/W
0x3144	12613	F4_Sunday_h4_array[3]	0	65535		R/W
0x3145	12614	F4_Sunday_h4_array[4]	0	65535		R/W
0x3146	12615	F4_Sunday_h4_array[5]	0	65535		R/W
0x3147	12616	F4_Sunday_h4_array[6]	0	65535		R/W
0x3148	12617	F4_Sunday_h4_array[7]	0	65535		R/W
0x3149	12618	F4_Sunday_h4_array[8]	0	65535		R/W
0x314A	12619	F4_Sunday_p4	0	4		R/W
0x314B	12620	F4_Sunday_p4_array[0]	0	65535		R/W
0x314C	12621	F4_Sunday_p4_array[1]	0	65535		R/W
0x314D	12622	F4_Sunday_p4_array[2]	0	65535		R/W
0x314E	12623	F4_Sunday_p4_array[3]	0	65535		R/W
0x314F	12624	F4_Sunday_p4_array[4]	0	65535		R/W
0x3150	12625	F4_Sunday_p4_array[5]	0	65535		R/W
0x3151	12626	F4_Sunday_p4_array[6]	0	65535		R/W
0x3152	12627	F4_Sunday_p4_array[7]	0	65535		R/W
0x3153	12628	F4_Sunday_p4_array[8]	0	65535		R/W
0x3154	12629	F1_Monday_h1_App	0	95		R/W
0x3155	12630	F1_Monday_h1_array[0]	0	65535		R/W
0x3156	12631	F1_Monday_h1_array[1]	0	65535		R/W
0x3157	12632	F1_Monday_h1_array[2]	0	65535		R/W
0x3158	12633	F1_Monday_h1_array[3]	0	65535		R/W
0x3159	12634	F1_Monday_h1_array[4]	0	65535		R/W
0x315A	12635	F1_Monday_h1_array[5]	0	65535		R/W
0x315B	12636	F1_Monday_h1_array[6]	0	65535		R/W
0x315C	12637	F1_Monday_h1_array[7]	0	65535		R/W
0x315D	12638	F1_Monday_h1_array[8]	0	65535		R/W
0x315E	12639	F1_Monday_p1	0	4		R/W
0x315F	12640	F1_Monday_p1_array[0]	0	65535		R/W
0x3160	12641	F1_Monday_p1_array[1]	0	65535		R/W
0x3161	12642	F1_Monday_p1_array[2]	0	65535		R/W
0x3162	12643	F1_Monday_p1_array[3]	0	65535		R/W
0x3163	12644	F1_Monday_p1_array[4]	0	65535		R/W
0x3164	12645	F1_Monday_p1_array[5]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3165	12646	F1_Monday_p1_array[6]	0	65535		R/W
0x3166	12647	F1_Monday_p1_array[7]	0	65535		R/W
0x3167	12648	F1_Monday_p1_array[8]	0	65535		R/W
0x3168	12649	F2_Monday_h2_App	0	95		R/W
0x3169	12650	F2_Monday_h2_array[0]	0	65535		R/W
0x316A	12651	F2_Monday_h2_array[1]	0	65535		R/W
0x316B	12652	F2_Monday_h2_array[2]	0	65535		R/W
0x316C	12653	F2_Monday_h2_array[3]	0	65535		R/W
0x316D	12654	F2_Monday_h2_array[4]	0	65535		R/W
0x316E	12655	F2_Monday_h2_array[5]	0	65535		R/W
0x316F	12656	F2_Monday_h2_array[6]	0	65535		R/W
0x3170	12657	F2_Monday_h2_array[7]	0	65535		R/W
0x3171	12658	F2_Monday_h2_array[8]	0	65535		R/W
0x3172	12659	F2_Monday_p2	0	4		R/W
0x3173	12660	F2_Monday_p2_array[0]	0	65535		R/W
0x3174	12661	F2_Monday_p2_array[1]	0	65535		R/W
0x3175	12662	F2_Monday_p2_array[2]	0	65535		R/W
0x3176	12663	F2_Monday_p2_array[3]	0	65535		R/W
0x3177	12664	F2_Monday_p2_array[4]	0	65535		R/W
0x3178	12665	F2_Monday_p2_array[5]	0	65535		R/W
0x3179	12666	F2_Monday_p2_array[6]	0	65535		R/W
0x317A	12667	F2_Monday_p2_array[7]	0	65535		R/W
0x317B	12668	F2_Monday_p2_array[8]	0	65535		R/W
0x317C	12669	F3_Monday_h3_App	0	95		R/W
0x317D	12670	F3_Monday_h3_array[0]	0	65535		R/W
0x317E	12671	F3_Monday_h3_array[1]	0	65535		R/W
0x317F	12672	F3_Monday_h3_array[2]	0	65535		R/W
0x3180	12673	F3_Monday_h3_array[3]	0	65535		R/W
0x3181	12674	F3_Monday_h3_array[4]	0	65535		R/W
0x3182	12675	F3_Monday_h3_array[5]	0	65535		R/W
0x3183	12676	F3_Monday_h3_array[6]	0	65535		R/W
0x3184	12677	F3_Monday_h3_array[7]	0	65535		R/W
0x3185	12678	F3_Monday_h3_array[8]	0	65535		R/W
0x3186	12679	F3_Monday_p3	0	4		R/W
0x3187	12680	F3_Monday_p3_array[0]	0	65535		R/W
0x3188	12681	F3_Monday_p3_array[1]	0	65535		R/W
0x3189	12682	F3_Monday_p3_array[2]	0	65535		R/W
0x318A	12683	F3_Monday_p3_array[3]	0	65535		R/W
0x318B	12684	F3_Monday_p3_array[4]	0	65535		R/W
0x318C	12685	F3_Monday_p3_array[5]	0	65535		R/W
0x318D	12686	F3_Monday_p3_array[6]	0	65535		R/W
0x318E	12687	F3_Monday_p3_array[7]	0	65535		R/W
0x318F	12688	F3_Monday_p3_array[8]	0	65535		R/W
0x3190	12689	F4_Monday_h4_App	0	95		R/W
0x3191	12690	F4_Monday_h4_array[0]	0	65535		R/W
0x3192	12691	F4_Monday_h4_array[1]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3193	12692	F4_Monday_h4_array[2]	0	65535		R/W
0x3194	12693	F4_Monday_h4_array[3]	0	65535		R/W
0x3195	12694	F4_Monday_h4_array[4]	0	65535		R/W
0x3196	12695	F4_Monday_h4_array[5]	0	65535		R/W
0x3197	12696	F4_Monday_h4_array[6]	0	65535		R/W
0x3198	12697	F4_Monday_h4_array[7]	0	65535		R/W
0x3199	12698	F4_Monday_h4_array[8]	0	65535		R/W
0x319A	12699	F4_Monday_p4	0	4		R/W
0x319B	12700	F4_Monday_p4_array[0]	0	65535		R/W
0x319C	12701	F4_Monday_p4_array[1]	0	65535		R/W
0x319D	12702	F4_Monday_p4_array[2]	0	65535		R/W
0x319E	12703	F4_Monday_p4_array[3]	0	65535		R/W
0x319F	12704	F4_Monday_p4_array[4]	0	65535		R/W
0x31A0	12705	F4_Monday_p4_array[5]	0	65535		R/W
0x31A1	12706	F4_Monday_p4_array[6]	0	65535		R/W
0x31A2	12707	F4_Monday_p4_array[7]	0	65535		R/W
0x31A3	12708	F4_Monday_p4_array[8]	0	65535		R/W
0x31A4	12709	F1_Tuesday_h1_App	0	95		R/W
0x31A5	12710	F1_Tuesday_h1_array[0]	0	65535		R/W
0x31A6	12711	F1_Tuesday_h1_array[1]	0	65535		R/W
0x31A7	12712	F1_Tuesday_h1_array[2]	0	65535		R/W
0x31A8	12713	F1_Tuesday_h1_array[3]	0	65535		R/W
0x31A9	12714	F1_Tuesday_h1_array[4]	0	65535		R/W
0x31AA	12715	F1_Tuesday_h1_array[5]	0	65535		R/W
0x31AB	12716	F1_Tuesday_h1_array[6]	0	65535		R/W
0x31AC	12717	F1_Tuesday_h1_array[7]	0	65535		R/W
0x31AD	12718	F1_Tuesday_h1_array[8]	0	65535		R/W
0x31AE	12719	F1_Tuesday_p1	0	4		R/W
0x31AF	12720	F1_Tuesday_p1_array[0]	0	65535		R/W
0x31B0	12721	F1_Tuesday_p1_array[1]	0	65535		R/W
0x31B1	12722	F1_Tuesday_p1_array[2]	0	65535		R/W
0x31B2	12723	F1_Tuesday_p1_array[3]	0	65535		R/W
0x31B3	12724	F1_Tuesday_p1_array[4]	0	65535		R/W
0x31B4	12725	F1_Tuesday_p1_array[5]	0	65535		R/W
0x31B5	12726	F1_Tuesday_p1_array[6]	0	65535		R/W
0x31B6	12727	F1_Tuesday_p1_array[7]	0	65535		R/W
0x31B7	12728	F1_Tuesday_p1_array[8]	0	65535		R/W
0x31B8	12729	F2_Tuesday_h2_App	0	95		R/W
0x31B9	12730	F2_Tuesday_h2_array[0]	0	65535		R/W
0x31BA	12731	F2_Tuesday_h2_array[1]	0	65535		R/W
0x31BB	12732	F2_Tuesday_h2_array[2]	0	65535		R/W
0x31BC	12733	F2_Tuesday_h2_array[3]	0	65535		R/W
0x31BD	12734	F2_Tuesday_h2_array[4]	0	65535		R/W
0x31BE	12735	F2_Tuesday_h2_array[5]	0	65535		R/W
0x31BF	12736	F2_Tuesday_h2_array[6]	0	65535		R/W
0x31C0	12737	F2_Tuesday_h2_array[7]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x31C1	12738	F2_Tuesday_h2_array[8]	0	65535		R/W
0x31C2	12739	F2_Tuesday_p2	0	4		R/W
0x31C3	12740	F2_Tuesday_p2_array[0]	0	65535		R/W
0x31C4	12741	F2_Tuesday_p2_array[1]	0	65535		R/W
0x31C5	12742	F2_Tuesday_p2_array[2]	0	65535		R/W
0x31C6	12743	F2_Tuesday_p2_array[3]	0	65535		R/W
0x31C7	12744	F2_Tuesday_p2_array[4]	0	65535		R/W
0x31C8	12745	F2_Tuesday_p2_array[5]	0	65535		R/W
0x31C9	12746	F2_Tuesday_p2_array[6]	0	65535		R/W
0x31CA	12747	F2_Tuesday_p2_array[7]	0	65535		R/W
0x31CB	12748	F2_Tuesday_p2_array[8]	0	65535		R/W
0x31CC	12749	F3_Tuesday_h3_App	0	95		R/W
0x31CD	12750	F3_Tuesday_h3_array[0]	0	65535		R/W
0x31CE	12751	F3_Tuesday_h3_array[1]	0	65535		R/W
0x31CF	12752	F3_Tuesday_h3_array[2]	0	65535		R/W
0x31D0	12753	F3_Tuesday_h3_array[3]	0	65535		R/W
0x31D1	12754	F3_Tuesday_h3_array[4]	0	65535		R/W
0x31D2	12755	F3_Tuesday_h3_array[5]	0	65535		R/W
0x31D3	12756	F3_Tuesday_h3_array[6]	0	65535		R/W
0x31D4	12757	F3_Tuesday_h3_array[7]	0	65535		R/W
0x31D5	12758	F3_Tuesday_h3_array[8]	0	65535		R/W
0x31D6	12759	F3_Tuesday_p3	0	4		R/W
0x31D7	12760	F3_Tuesday_p3_array[0]	0	65535		R/W
0x31D8	12761	F3_Tuesday_p3_array[1]	0	65535		R/W
0x31D9	12762	F3_Tuesday_p3_array[2]	0	65535		R/W
0x31DA	12763	F3_Tuesday_p3_array[3]	0	65535		R/W
0x31DB	12764	F3_Tuesday_p3_array[4]	0	65535		R/W
0x31DC	12765	F3_Tuesday_p3_array[5]	0	65535		R/W
0x31DD	12766	F3_Tuesday_p3_array[6]	0	65535		R/W
0x31DE	12767	F3_Tuesday_p3_array[7]	0	65535		R/W
0x31DF	12768	F3_Tuesday_p3_array[8]	0	65535		R/W
0x31E0	12769	F4_Tuesday_h4_App	0	95		R/W
0x31E1	12770	F4_Tuesday_h4_array[0]	0	65535		R/W
0x31E2	12771	F4_Tuesday_h4_array[1]	0	65535		R/W
0x31E3	12772	F4_Tuesday_h4_array[2]	0	65535		R/W
0x31E4	12773	F4_Tuesday_h4_array[3]	0	65535		R/W
0x31E5	12774	F4_Tuesday_h4_array[4]	0	65535		R/W
0x31E6	12775	F4_Tuesday_h4_array[5]	0	65535		R/W
0x31E7	12776	F4_Tuesday_h4_array[6]	0	65535		R/W
0x31E8	12777	F4_Tuesday_h4_array[7]	0	65535		R/W
0x31E9	12778	F4_Tuesday_h4_array[8]	0	65535		R/W
0x31EA	12779	F4_Tuesday_p4	0	4		R/W
0x31EB	12780	F4_Tuesday_p4_array[0]	0	65535		R/W
0x31EC	12781	F4_Tuesday_p4_array[1]	0	65535		R/W
0x31ED	12782	F4_Tuesday_p4_array[2]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x31EE	12783	F4_Tuesday_p4_array[3]	0	65535		R/W
0x31EF	12784	F4_Tuesday_p4_array[4]	0	65535		R/W
0x31F0	12785	F4_Tuesday_p4_array[5]	0	65535		R/W
0x31F1	12786	F4_Tuesday_p4_array[6]	0	65535		R/W
0x31F2	12787	F4_Tuesday_p4_array[7]	0	65535		R/W
0x31F3	12788	F4_Tuesday_p4_array[8]	0	65535		R/W
0x31F4	12789	F1_Wednesday_h1_App	0	95		R/W
0x31F5	12790	F1_Wednesday_h1_array[0]	0	65535		R/W
0x31F6	12791	F1_Wednesday_h1_array[1]	0	65535		R/W
0x31F7	12792	F1_Wednesday_h1_array[2]	0	65535		R/W
0x31F8	12793	F1_Wednesday_h1_array[3]	0	65535		R/W
0x31F9	12794	F1_Wednesday_h1_array[4]	0	65535		R/W
0x31FA	12795	F1_Wednesday_h1_array[5]	0	65535		R/W
0x31FB	12796	F1_Wednesday_h1_array[6]	0	65535		R/W
0x31FC	12797	F1_Wednesday_h1_array[7]	0	65535		R/W
0x31FD	12798	F1_Wednesday_h1_array[8]	0	65535		R/W
0x31FE	12799	F1_Wednesday_p1	0	4		R/W
0x31FF	12800	F1_Wednesday_p1_array[0]	0	65535		R/W
0x3200	12801	F1_Wednesday_p1_array[1]	0	65535		R/W
0x3201	12802	F1_Wednesday_p1_array[2]	0	65535		R/W
0x3202	12803	F1_Wednesday_p1_array[3]	0	65535		R/W
0x3203	12804	F1_Wednesday_p1_array[4]	0	65535		R/W
0x3204	12805	F1_Wednesday_p1_array[5]	0	65535		R/W
0x3205	12806	F1_Wednesday_p1_array[6]	0	65535		R/W
0x3206	12807	F1_Wednesday_p1_array[7]	0	65535		R/W
0x3207	12808	F1_Wednesday_p1_array[8]	0	65535		R/W
0x3208	12809	F2_Wednesday_h2_App	0	95		R/W
0x3209	12810	F2_Wednesday_h2_array[0]	0	65535		R/W
0x320A	12811	F2_Wednesday_h2_array[1]	0	65535		R/W
0x320B	12812	F2_Wednesday_h2_array[2]	0	65535		R/W
0x320C	12813	F2_Wednesday_h2_array[3]	0	65535		R/W
0x320D	12814	F2_Wednesday_h2_array[4]	0	65535		R/W
0x320E	12815	F2_Wednesday_h2_array[5]	0	65535		R/W
0x320F	12816	F2_Wednesday_h2_array[6]	0	65535		R/W
0x3210	12817	F2_Wednesday_h2_array[7]	0	65535		R/W
0x3211	12818	F2_Wednesday_h2_array[8]	0	65535		R/W
0x3212	12819	F2_Wednesday_p2	0	4		R/W
0x3213	12820	F2_Wednesday_p2_array[0]	0	65535		R/W
0x3214	12821	F2_Wednesday_p2_array[1]	0	65535		R/W
0x3215	12822	F2_Wednesday_p2_array[2]	0	65535		R/W
0x3216	12823	F2_Wednesday_p2_array[3]	0	65535		R/W
0x3217	12824	F2_Wednesday_p2_array[4]	0	65535		R/W
0x3218	12825	F2_Wednesday_p2_array[5]	0	65535		R/W
0x3219	12826	F2_Wednesday_p2_array[6]	0	65535		R/W
0x321A	12827	F2_Wednesday_p2_array[7]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x321B	12828	F2_Wednesday_p2_array[8]	0	65535		R/W
0x321C	12829	F3_Wednesday_h3_App	0	95		R/W
0x321D	12830	F3_Wednesday_h3_array[0]	0	65535		R/W
0x321E	12831	F3_Wednesday_h3_array[1]	0	65535		R/W
0x321F	12832	F3_Wednesday_h3_array[2]	0	65535		R/W
0x3220	12833	F3_Wednesday_h3_array[3]	0	65535		R/W
0x3221	12834	F3_Wednesday_h3_array[4]	0	65535		R/W
0x3222	12835	F3_Wednesday_h3_array[5]	0	65535		R/W
0x3223	12836	F3_Wednesday_h3_array[6]	0	65535		R/W
0x3224	12837	F3_Wednesday_h3_array[7]	0	65535		R/W
0x3225	12838	F3_Wednesday_h3_array[8]	0	65535		R/W
0x3226	12839	F3_Wednesday_p3	0	4		R/W
0x3227	12840	F3_Wednesday_p3_array[0]	0	65535		R/W
0x3228	12841	F3_Wednesday_p3_array[1]	0	65535		R/W
0x3229	12842	F3_Wednesday_p3_array[2]	0	65535		R/W
0x322A	12843	F3_Wednesday_p3_array[3]	0	65535		R/W
0x322B	12844	F3_Wednesday_p3_array[4]	0	65535		R/W
0x322C	12845	F3_Wednesday_p3_array[5]	0	65535		R/W
0x322D	12846	F3_Wednesday_p3_array[6]	0	65535		R/W
0x322E	12847	F3_Wednesday_p3_array[7]	0	65535		R/W
0x322F	12848	F3_Wednesday_p3_array[8]	0	65535		R/W
0x3230	12849	F4_Wednesday_h4_App	0	95		R/W
0x3231	12850	F4_Wednesday_h4_array[0]	0	65535		R/W
0x3232	12851	F4_Wednesday_h4_array[1]	0	65535		R/W
0x3233	12852	F4_Wednesday_h4_array[2]	0	65535		R/W
0x3234	12853	F4_Wednesday_h4_array[3]	0	65535		R/W
0x3235	12854	F4_Wednesday_h4_array[4]	0	65535		R/W
0x3236	12855	F4_Wednesday_h4_array[5]	0	65535		R/W
0x3237	12856	F4_Wednesday_h4_array[6]	0	65535		R/W
0x3238	12857	F4_Wednesday_h4_array[7]	0	65535		R/W
0x3239	12858	F4_Wednesday_h4_array[8]	0	65535		R/W
0x323A	12859	F4_Wednesday_p4	0	4		R/W
0x323B	12860	F4_Wednesday_p4_array[0]	0	65535		R/W
0x323C	12861	F4_Wednesday_p4_array[1]	0	65535		R/W
0x323D	12862	F4_Wednesday_p4_array[2]	0	65535		R/W
0x323E	12863	F4_Wednesday_p4_array[3]	0	65535		R/W
0x323F	12864	F4_Wednesday_p4_array[4]	0	65535		R/W
0x3240	12865	F4_Wednesday_p4_array[5]	0	65535		R/W
0x3241	12866	F4_Wednesday_p4_array[6]	0	65535		R/W
0x3242	12867	F4_Wednesday_p4_array[7]	0	65535		R/W
0x3243	12868	F4_Wednesday_p4_array[8]	0	65535		R/W
0x3244	12869	F1_Thursday_h1_App	0	95		R/W
0x3245	12870	F1_Thursday_h1_array[0]	0	65535		R/W
0x3246	12871	F1_Thursday_h1_array[1]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3247	12872	F1_Thursday_h1_array[2]	0	65535		R/W
0x3248	12873	F1_Thursday_h1_array[3]	0	65535		R/W
0x3249	12874	F1_Thursday_h1_array[4]	0	65535		R/W
0x324A	12875	F1_Thursday_h1_array[5]	0	65535		R/W
0x324B	12876	F1_Thursday_h1_array[6]	0	65535		R/W
0x324C	12877	F1_Thursday_h1_array[7]	0	65535		R/W
0x324D	12878	F1_Thursday_h1_array[8]	0	65535		R/W
0x324E	12879	F1_Thursday_p1	0	4		R/W
0x324F	12880	F1_Thursday_p1_array[0]	0	65535		R/W
0x3250	12881	F1_Thursday_p1_array[1]	0	65535		R/W
0x3251	12882	F1_Thursday_p1_array[2]	0	65535		R/W
0x3252	12883	F1_Thursday_p1_array[3]	0	65535		R/W
0x3253	12884	F1_Thursday_p1_array[4]	0	65535		R/W
0x3254	12885	F1_Thursday_p1_array[5]	0	65535		R/W
0x3255	12886	F1_Thursday_p1_array[6]	0	65535		R/W
0x3256	12887	F1_Thursday_p1_array[7]	0	65535		R/W
0x3257	12888	F1_Thursday_p1_array[8]	0	65535		R/W
0x3258	12889	F2_Thursday_h2_App	0	95		R/W
0x3259	12890	F2_Thursday_h2_array[0]	0	65535		R/W
0x325A	12891	F2_Thursday_h2_array[1]	0	65535		R/W
0x325B	12892	F2_Thursday_h2_array[2]	0	65535		R/W
0x325C	12893	F2_Thursday_h2_array[3]	0	65535		R/W
0x325D	12894	F2_Thursday_h2_array[4]	0	65535		R/W
0x325E	12895	F2_Thursday_h2_array[5]	0	65535		R/W
0x325F	12896	F2_Thursday_h2_array[6]	0	65535		R/W
0x3260	12897	F2_Thursday_h2_array[7]	0	65535		R/W
0x3261	12898	F2_Thursday_h2_array[8]	0	65535		R/W
0x3262	12899	F2_Thursday_p2	0	4		R/W
0x3263	12900	F2_Thursday_p2_array[0]	0	65535		R/W
0x3264	12901	F2_Thursday_p2_array[1]	0	65535		R/W
0x3265	12902	F2_Thursday_p2_array[2]	0	65535		R/W
0x3266	12903	F2_Thursday_p2_array[3]	0	65535		R/W
0x3267	12904	F2_Thursday_p2_array[4]	0	65535		R/W
0x3268	12905	F2_Thursday_p2_array[5]	0	65535		R/W
0x3269	12906	F2_Thursday_p2_array[6]	0	65535		R/W
0x326A	12907	F2_Thursday_p2_array[7]	0	65535		R/W
0x326B	12908	F2_Thursday_p2_array[8]	0	65535		R/W
0x326C	12909	F3_Thursday_h3_App	0	95		R/W
0x326D	12910	F3_Thursday_h3_array[0]	0	65535		R/W
0x326E	12911	F3_Thursday_h3_array[1]	0	65535		R/W
0x326F	12912	F3_Thursday_h3_array[2]	0	65535		R/W
0x3270	12913	F3_Thursday_h3_array[3]	0	65535		R/W
0x3271	12914	F3_Thursday_h3_array[4]	0	65535		R/W
0x3272	12915	F3_Thursday_h3_array[5]	0	65535		R/W
0x3273	12916	F3_Thursday_h3_array[6]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3274	12917	F3_Thursday_h3_array[7]	0	65535		R/W
0x3275	12918	F3_Thursday_h3_array[8]	0	65535		R/W
0x3276	12919	F3_Thursday_p3	0	4		R/W
0x3277	12920	F3_Thursday_p3_array[0]	0	65535		R/W
0x3278	12921	F3_Thursday_p3_array[1]	0	65535		R/W
0x3279	12922	F3_Thursday_p3_array[2]	0	65535		R/W
0x327A	12923	F3_Thursday_p3_array[3]	0	65535		R/W
0x327B	12924	F3_Thursday_p3_array[4]	0	65535		R/W
0x327C	12925	F3_Thursday_p3_array[5]	0	65535		R/W
0x327D	12926	F3_Thursday_p3_array[6]	0	65535		R/W
0x327E	12927	F3_Thursday_p3_array[7]	0	65535		R/W
0x327F	12928	F3_Thursday_p3_array[8]	0	65535		R/W
0x3280	12929	F4_Thursday_h4_App	0	95		R/W
0x3281	12930	F4_Thursday_h4_array[0]	0	65535		R/W
0x3282	12931	F4_Thursday_h4_array[1]	0	65535		R/W
0x3283	12932	F4_Thursday_h4_array[2]	0	65535		R/W
0x3284	12933	F4_Thursday_h4_array[3]	0	65535		R/W
0x3285	12934	F4_Thursday_h4_array[4]	0	65535		R/W
0x3286	12935	F4_Thursday_h4_array[5]	0	65535		R/W
0x3287	12936	F4_Thursday_h4_array[6]	0	65535		R/W
0x3288	12937	F4_Thursday_h4_array[7]	0	65535		R/W
0x3289	12938	F4_Thursday_h4_array[8]	0	65535		R/W
0x328A	12939	F4_Thursday_p4	0	4		R/W
0x328B	12940	F4_Thursday_p4_array[0]	0	65535		R/W
0x328C	12941	F4_Thursday_p4_array[1]	0	65535		R/W
0x328D	12942	F4_Thursday_p4_array[2]	0	65535		R/W
0x328E	12943	F4_Thursday_p4_array[3]	0	65535		R/W
0x328F	12944	F4_Thursday_p4_array[4]	0	65535		R/W
0x3290	12945	F4_Thursday_p4_array[5]	0	65535		R/W
0x3291	12946	F4_Thursday_p4_array[6]	0	65535		R/W
0x3292	12947	F4_Thursday_p4_array[7]	0	65535		R/W
0x3293	12948	F4_Thursday_p4_array[8]	0	65535		R/W
0x3294	12949	F1_Friday_h1_App	0	95		R/W
0x3295	12950	F1_Friday_h1_array[0]	0	65535		R/W
0x3296	12951	F1_Friday_h1_array[1]	0	65535		R/W
0x3297	12952	F1_Friday_h1_array[2]	0	65535		R/W
0x3298	12953	F1_Friday_h1_array[3]	0	65535		R/W
0x3299	12954	F1_Friday_h1_array[4]	0	65535		R/W
0x329A	12955	F1_Friday_h1_array[5]	0	65535		R/W
0x329B	12956	F1_Friday_h1_array[6]	0	65535		R/W
0x329C	12957	F1_Friday_h1_array[7]	0	65535		R/W
0x329D	12958	F1_Friday_h1_array[8]	0	65535		R/W
0x329E	12959	F1_Friday_p1	0	4		R/W
0x329F	12960	F1_Friday_p1_array[0]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x32A0	12961	F1_Friday_p1_array[1]	0	65535		R/W
0x32A1	12962	F1_Friday_p1_array[2]	0	65535		R/W
0x32A2	12963	F1_Friday_p1_array[3]	0	65535		R/W
0x32A3	12964	F1_Friday_p1_array[4]	0	65535		R/W
0x32A4	12965	F1_Friday_p1_array[5]	0	65535		R/W
0x32A5	12966	F1_Friday_p1_array[6]	0	65535		R/W
0x32A6	12967	F1_Friday_p1_array[7]	0	65535		R/W
0x32A7	12968	F1_Friday_p1_array[8]	0	65535		R/W
0x32A8	12969	F2_Friday_h2_App	0	95		R/W
0x32A9	12970	F2_Friday_h2_array[0]	0	65535		R/W
0x32AA	12971	F2_Friday_h2_array[1]	0	65535		R/W
0x32AB	12972	F2_Friday_h2_array[2]	0	65535		R/W
0x32AC	12973	F2_Friday_h2_array[3]	0	65535		R/W
0x32AD	12974	F2_Friday_h2_array[4]	0	65535		R/W
0x32AE	12975	F2_Friday_h2_array[5]	0	65535		R/W
0x32AF	12976	F2_Friday_h2_array[6]	0	65535		R/W
0x32B0	12977	F2_Friday_h2_array[7]	0	65535		R/W
0x32B1	12978	F2_Friday_h2_array[8]	0	65535		R/W
0x32B2	12979	F2_Friday_p2	0	4		R/W
0x32B3	12980	F2_Friday_p2_array[0]	0	65535		R/W
0x32B4	12981	F2_Friday_p2_array[1]	0	65535		R/W
0x32B5	12982	F2_Friday_p2_array[2]	0	65535		R/W
0x32B6	12983	F2_Friday_p2_array[3]	0	65535		R/W
0x32B7	12984	F2_Friday_p2_array[4]	0	65535		R/W
0x32B8	12985	F2_Friday_p2_array[5]	0	65535		R/W
0x32B9	12986	F2_Friday_p2_array[6]	0	65535		R/W
0x32BA	12987	F2_Friday_p2_array[7]	0	65535		R/W
0x32BB	12988	F2_Friday_p2_array[8]	0	65535		R/W
0x32BC	12989	F3_Friday_h3_App	0	95		R/W
0x32BD	12990	F3_Friday_h3_array[0]	0	65535		R/W
0x32BE	12991	F3_Friday_h3_array[1]	0	65535		R/W
0x32BF	12992	F3_Friday_h3_array[2]	0	65535		R/W
0x32C0	12993	F3_Friday_h3_array[3]	0	65535		R/W
0x32C1	12994	F3_Friday_h3_array[4]	0	65535		R/W
0x32C2	12995	F3_Friday_h3_array[5]	0	65535		R/W
0x32C3	12996	F3_Friday_h3_array[6]	0	65535		R/W
0x32C4	12997	F3_Friday_h3_array[7]	0	65535		R/W
0x32C5	12998	F3_Friday_h3_array[8]	0	65535		R/W
0x32C6	12999	F3_Friday_p3	0	4		R/W
0x32C7	13000	F3_Friday_p3_array[0]	0	65535		R/W
0x32C8	13001	F3_Friday_p3_array[1]	0	65535		R/W
0x32C9	13002	F3_Friday_p3_array[2]	0	65535		R/W
0x32CA	13003	F3_Friday_p3_array[3]	0	65535		R/W
0x32CB	13004	F3_Friday_p3_array[4]	0	65535		R/W
0x32CC	13005	F3_Friday_p3_array[5]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x32CD	13006	F3_Friday_p3_array[6]	0	65535		R/W
0x32CE	13007	F3_Friday_p3_array[7]	0	65535		R/W
0x32CF	13008	F3_Friday_p3_array[8]	0	65535		R/W
0x32D0	13009	F4_Friday_h4_App	0	95		R/W
0x32D1	13010	F4_Friday_h4_array[0]	0	65535		R/W
0x32D2	13011	F4_Friday_h4_array[1]	0	65535		R/W
0x32D3	13012	F4_Friday_h4_array[2]	0	65535		R/W
0x32D4	13013	F4_Friday_h4_array[3]	0	65535		R/W
0x32D5	13014	F4_Friday_h4_array[4]	0	65535		R/W
0x32D6	13015	F4_Friday_h4_array[5]	0	65535		R/W
0x32D7	13016	F4_Friday_h4_array[6]	0	65535		R/W
0x32D8	13017	F4_Friday_h4_array[7]	0	65535		R/W
0x32D9	13018	F4_Friday_h4_array[8]	0	65535		R/W
0x32DA	13019	F4_Friday_p4	0	4		R/W
0x32DB	13020	F4_Friday_p4_array[0]	0	65535		R/W
0x32DC	13021	F4_Friday_p4_array[1]	0	65535		R/W
0x32DD	13022	F4_Friday_p4_array[2]	0	65535		R/W
0x32DE	13023	F4_Friday_p4_array[3]	0	65535		R/W
0x32DF	13024	F4_Friday_p4_array[4]	0	65535		R/W
0x32E0	13025	F4_Friday_p4_array[5]	0	65535		R/W
0x32E1	13026	F4_Friday_p4_array[6]	0	65535		R/W
0x32E2	13027	F4_Friday_p4_array[7]	0	65535		R/W
0x32E3	13028	F4_Friday_p4_array[8]	0	65535		R/W
0x32E4	13029	F1_Saturday_h1_App	0	95		R/W
0x32E5	13030	F1_Saturday_h1_array[0]	0	65535		R/W
0x32E6	13031	F1_Saturday_h1_array[1]	0	65535		R/W
0x32E7	13032	F1_Saturday_h1_array[2]	0	65535		R/W
0x32E8	13033	F1_Saturday_h1_array[3]	0	65535		R/W
0x32E9	13034	F1_Saturday_h1_array[4]	0	65535		R/W
0x32EA	13035	F1_Saturday_h1_array[5]	0	65535		R/W
0x32EB	13036	F1_Saturday_h1_array[6]	0	65535		R/W
0x32EC	13037	F1_Saturday_h1_array[7]	0	65535		R/W
0x32ED	13038	F1_Saturday_h1_array[8]	0	65535		R/W
0x32EE	13039	F1_Saturday_p1	0	4		R/W
0x32EF	13040	F1_Saturday_p1_array[0]	0	65535		R/W
0x32F0	13041	F1_Saturday_p1_array[1]	0	65535		R/W
0x32F1	13042	F1_Saturday_p1_array[2]	0	65535		R/W
0x32F2	13043	F1_Saturday_p1_array[3]	0	65535		R/W
0x32F3	13044	F1_Saturday_p1_array[4]	0	65535		R/W
0x32F4	13045	F1_Saturday_p1_array[5]	0	65535		R/W
0x32F5	13046	F1_Saturday_p1_array[6]	0	65535		R/W
0x32F6	13047	F1_Saturday_p1_array[7]	0	65535		R/W
0x32F7	13048	F1_Saturday_p1_array[8]	0	65535		R/W
0x32F8	13049	F2_Saturday_h2_App	0	95		R/W
0x32F9	13050	F2_Saturday_h2_array[0]	0	65535		R/W
0x32FA	13051	F2_Saturday_h2_array[1]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x32FB	13052	F2_Saturday_h2_array[2]	0	65535		R/W
0x32FC	13053	F2_Saturday_h2_array[3]	0	65535		R/W
0x32FD	13054	F2_Saturday_h2_array[4]	0	65535		R/W
0x32FE	13055	F2_Saturday_h2_array[5]	0	65535		R/W
0x32FF	13056	F2_Saturday_h2_array[6]	0	65535		R/W
0x3300	13057	F2_Saturday_h2_array[7]	0	65535		R/W
0x3301	13058	F2_Saturday_h2_array[8]	0	65535		R/W
0x3302	13059	F2_Saturday_p2	0	4		R/W
0x3303	13060	F2_Saturday_p2_array[0]	0	65535		R/W
0x3304	13061	F2_Saturday_p2_array[1]	0	65535		R/W
0x3305	13062	F2_Saturday_p2_array[2]	0	65535		R/W
0x3306	13063	F2_Saturday_p2_array[3]	0	65535		R/W
0x3307	13064	F2_Saturday_p2_array[4]	0	65535		R/W
0x3308	13065	F2_Saturday_p2_array[5]	0	65535		R/W
0x3309	13066	F2_Saturday_p2_array[6]	0	65535		R/W
0x330A	13067	F2_Saturday_p2_array[7]	0	65535		R/W
0x330B	13068	F2_Saturday_p2_array[8]	0	65535		R/W
0x330C	13069	F3_Saturday_h3_App	0	95		R/W
0x330D	13070	F3_Saturday_h3_array[0]	0	65535		R/W
0x330E	13071	F3_Saturday_h3_array[1]	0	65535		R/W
0x330F	13072	F3_Saturday_h3_array[2]	0	65535		R/W
0x3310	13073	F3_Saturday_h3_array[3]	0	65535		R/W
0x3311	13074	F3_Saturday_h3_array[4]	0	65535		R/W
0x3312	13075	F3_Saturday_h3_array[5]	0	65535		R/W
0x3313	13076	F3_Saturday_h3_array[6]	0	65535		R/W
0x3314	13077	F3_Saturday_h3_array[7]	0	65535		R/W
0x3315	13078	F3_Saturday_h3_array[8]	0	65535		R/W
0x3316	13079	F3_Saturday_p3	0	4		R/W
0x3317	13080	F3_Saturday_p3_array[0]	0	65535		R/W
0x3318	13081	F3_Saturday_p3_array[1]	0	65535		R/W
0x3319	13082	F3_Saturday_p3_array[2]	0	65535		R/W
0x331A	13083	F3_Saturday_p3_array[3]	0	65535		R/W
0x331B	13084	F3_Saturday_p3_array[4]	0	65535		R/W
0x331C	13085	F3_Saturday_p3_array[5]	0	65535		R/W
0x331D	13086	F3_Saturday_p3_array[6]	0	65535		R/W
0x331E	13087	F3_Saturday_p3_array[7]	0	65535		R/W
0x331F	13088	F3_Saturday_p3_array[8]	0	65535		R/W
0x3320	13089	F4_Saturday_h4_App	0	95		R/W
0x3321	13090	F4_Saturday_h4_array[0]	0	65535		R/W
0x3322	13091	F4_Saturday_h4_array[1]	0	65535		R/W
0x3323	13092	F4_Saturday_h4_array[2]	0	65535		R/W
0x3324	13093	F4_Saturday_h4_array[3]	0	65535		R/W
0x3325	13094	F4_Saturday_h4_array[4]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3326	13095	F4_Saturday_h4_array[5]	0	65535		R/W
0x3327	13096	F4_Saturday_h4_array[6]	0	65535		R/W
0x3328	13097	F4_Saturday_h4_array[7]	0	65535		R/W
0x3329	13098	F4_Saturday_h4_array[8]	0	65535		R/W
0x332A	13099	F4_Saturday_p4	0	4		R/W
0x332B	13100	F4_Saturday_p4_array[0]	0	65535		R/W
0x332C	13101	F4_Saturday_p4_array[1]	0	65535		R/W
0x332D	13102	F4_Saturday_p4_array[2]	0	65535		R/W
0x332E	13103	F4_Saturday_p4_array[3]	0	65535		R/W
0x332F	13104	F4_Saturday_p4_array[4]	0	65535		R/W
0x3330	13105	F4_Saturday_p4_array[5]	0	65535		R/W
0x3331	13106	F4_Saturday_p4_array[6]	0	65535		R/W
0x3332	13107	F4_Saturday_p4_array[7]	0	65535		R/W
0x3333	13108	F4_Saturday_p4_array[8]	0	65535		R/W
0x3334	13109	EndHYear_App	0	68		R/W
0x3335	13110	EndHYear_array[0]	0	65535		R/W
0x3336	13111	EndHYear_array[1]	0	65535		R/W
0x3337	13112	EndHYear_array[2]	0	65535		R/W
0x3338	13113	EndHYear_array[3]	0	65535		R/W
0x3339	13114	EndHYear_array[4]	0	65535		R/W
0x333A	13115	EndHYear_array[5]	0	65535		R/W
0x333B	13116	EndHYear_array[6]	0	65535		R/W
0x333C	13117	EndHYear_array[7]	0	65535		R/W
0x333D	13118	EndHYear_array[8]	0	65535		R/W
0x333E	13119	EndHMonth_App	1	12		R/W
0x333F	13120	EndHMonth_array[0]	0	65535		R/W
0x3340	13121	EndHMonth_array[1]	0	65535		R/W
0x3341	13122	EndHMonth_array[2]	0	65535		R/W
0x3342	13123	EndHMonth_array[3]	0	65535		R/W
0x3343	13124	EndHMonth_array[4]	0	65535		R/W
0x3344	13125	EndHMonth_array[5]	0	65535		R/W
0x3345	13126	EndHMonth_array[6]	0	65535		R/W
0x3346	13127	EndHMonth_array[7]	0	65535		R/W
0x3347	13128	EndHMonth_array[8]	0	65535		R/W
0x3348	13129	EndHDay_App	1	31		R/W
0x3349	13130	EndHDay_array[0]	0	65535		R/W
0x334A	13131	EndHDay_array[1]	0	65535		R/W
0x334B	13132	EndHDay_array[2]	0	65535		R/W
0x334C	13133	EndHDay_array[3]	0	65535		R/W
0x334D	13134	EndHDay_array[4]	0	65535		R/W
0x334E	13135	EndHDay_array[5]	0	65535		R/W
0x334F	13136	EndHDay_array[6]	0	65535		R/W
0x3350	13137	EndHDay_array[7]	0	65535		R/W
0x3351	13138	EndHDay_array[8]	0	65535		R/W
0x3352	13139	EndHHour_App	0	23		R/W
0x3353	13140	EndHHour_array[0]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3354	13141	EndHHour_array[1]	0	65535		R/W
0x3355	13142	EndHHour_array[2]	0	65535		R/W
0x3356	13143	EndHHour_array[3]	0	65535		R/W
0x3357	13144	EndHHour_array[4]	0	65535		R/W
0x3358	13145	EndHHour_array[5]	0	65535		R/W
0x3359	13146	EndHHour_array[6]	0	65535		R/W
0x335A	13147	EndHHour_array[7]	0	65535		R/W
0x335B	13148	EndHHour_array[8]	0	65535		R/W
0x335C	13149	SCH_Comfort_SetHot	-15.0	158.0	SCH - Setpoint broth fascia comfort	R/W
0x335D	13150	SCH_ComfortHot_array[0]	-32768	32767		R/W
0x335E	13151	SCH_ComfortHot_array[1]	-32768	32767		R/W
0x335F	13152	SCH_ComfortHot_array[2]	-32768	32767		R/W
0x3360	13153	SCH_ComfortHot_array[3]	-32768	32767		R/W
0x3361	13154	SCH_ComfortHot_array[4]	-32768	32767		R/W
0x3362	13155	SCH_ComfortHot_array[5]	-32768	32767		R/W
0x3363	13156	SCH_ComfortHot_array[6]	-32768	32767		R/W
0x3364	13157	SCH_ComfortHot_array[7]	-32768	32767		R/W
0x3365	13158	SCH_ComfortHot_array[8]	-32768	32767		R/W
0x3366	13159	SCC_Comfort_SetCold	-15.0	158.0	Setpoint cold mode comfort	R/W
0x3367	13160	SCC_ComfortCold_array[0]	-32768	32767		R/W
0x3368	13161	SCC_ComfortCold_array[1]	-32768	32767		R/W
0x3369	13162	SCC_ComfortCold_array[2]	-32768	32767		R/W
0x336A	13163	SCC_ComfortCold_array[3]	-32768	32767		R/W
0x336B	13164	SCC_ComfortCold_array[4]	-32768	32767		R/W
0x336C	13165	SCC_ComfortCold_array[5]	-32768	32767		R/W
0x336D	13166	SCC_ComfortCold_array[6]	-32768	32767		R/W
0x336E	13167	SCC_ComfortCold_array[7]	-32768	32767		R/W
0x336F	13168	SCC_ComfortCold_array[8]	-32768	32767		R/W
0x3370	13169	OEH_Economy_OffsetHot	-36.0	36.0	hot differential economic mode	R/W
0x3371	13170	OEH_EconomyHot_array[0]	-32768	32767		R/W
0x3372	13171	OEH_EconomyHot_array[1]	-32768	32767		R/W
0x3373	13172	OEH_EconomyHot_array[2]	-32768	32767		R/W
0x3374	13173	OEH_EconomyHot_array[3]	-32768	32767		R/W
0x3375	13174	OEH_EconomyHot_array[4]	-32768	32767		R/W
0x3376	13175	OEH_EconomyHot_array[5]	-32768	32767		R/W
0x3377	13176	OEH_EconomyHot_array[6]	-32768	32767		R/W
0x3378	13177	OEH_EconomyHot_array[7]	-32768	32767		R/W
0x3379	13178	OEH_EconomyHot_array[8]	-32768	32767		R/W
0x337A	13179	OEC_Economy_OffsetCold	-36.0	36.0	Cold differential mode economic	R/W
0x337B	13180	OEC_EconomyCold_array[0]	-32768	32767		R/W
0x337C	13181	OEC_EconomyCold_array[1]	-32768	32767		R/W
0x337D	13182	OEC_EconomyCold_array[2]	-32768	32767		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x337E	13183	OEC_EconomyCold_array[3]	-32768	32767		R/W
0x337F	13184	OEC_EconomyCold_array[4]	-32768	32767		R/W
0x3380	13185	OEC_EconomyCold_array[5]	-32768	32767		R/W
0x3381	13186	OEC_EconomyCold_array[6]	-32768	32767		R/W
0x3382	13187	OEC_EconomyCold_array[7]	-32768	32767		R/W
0x3383	13188	OEC_EconomyCold_array[8]	-32768	32767		R/W
0x3384	13189	ONH_Night_OffsetHot	-36.0	36.0	hot differential night mode	R/W
0x3385	13190	ONH_NightHot_array[0]	-32768	32767		R/W
0x3386	13191	ONH_NightHot_array[1]	-32768	32767		R/W
0x3387	13192	ONH_NightHot_array[2]	-32768	32767		R/W
0x3388	13193	ONH_NightHot_array[3]	-32768	32767		R/W
0x3389	13194	ONH_NightHot_array[4]	-32768	32767		R/W
0x338A	13195	ONH_NightHot_array[5]	-32768	32767		R/W
0x338B	13196	ONH_NightHot_array[6]	-32768	32767		R/W
0x338C	13197	ONH_NightHot_array[7]	-32768	32767		R/W
0x338D	13198	ONH_NightHot_array[8]	-32768	32767		R/W
0x338E	13199	ONC_Night_OffsetCold	-36.0	36.0	differential cold night mode	R/W
0x338F	13200	ONC_NightCold_array[0]	-32768	32767		R/W
0x3390	13201	ONC_NightCold_array[1]	-32768	32767		R/W
0x3391	13202	ONC_NightCold_array[2]	-32768	32767		R/W
0x3392	13203	ONC_NightCold_array[3]	-32768	32767		R/W
0x3393	13204	ONC_NightCold_array[4]	-32768	32767		R/W
0x3394	13205	ONC_NightCold_array[5]	-32768	32767		R/W
0x3395	13206	ONC_NightCold_array[6]	-32768	32767		R/W
0x3396	13207	ONC_NightCold_array[7]	-32768	32767		R/W
0x3397	13208	ONC_NightCold_array[8]	-32768	32767		R/W
0x3398	13209	SEtH_WinterSetPoint	-15.0	158.0	Set point winter (HP) or SetPoint only (if selected by PH27)	R/W
0x3399	13210	SEtH_WinterSet_array[0]	-32768	32767		R/W
0x339A	13211	SEtH_WinterSet_array[1]	-32768	32767		R/W
0x339B	13212	SEtH_WinterSet_array[2]	-32768	32767		R/W
0x339C	13213	SEtH_WinterSet_array[3]	-32768	32767		R/W
0x339D	13214	SEtH_WinterSet_array[4]	-32768	32767		R/W
0x339E	13215	SEtH_WinterSet_array[5]	-32768	32767		R/W
0x339F	13216	SEtH_WinterSet_array[6]	-32768	32767		R/W
0x33A0	13217	SEtH_WinterSet_array[7]	-32768	32767		R/W
0x33A1	13218	SEtH_WinterSet_array[8]	-32768	32767		R/W
0x33A2	13219	SEtC_SummerSetPoint	-15.0	158.0	Summer setpoint	R/W
0x33A3	13220	SEtC_SummerSet_array[0]	-32768	32767		R/W
0x33A4	13221	SEtC_SummerSet_array[1]	-32768	32767		R/W
0x33A5	13222	SEtC_SummerSet_array[2]	-32768	32767		R/W
0x33A6	13223	SEtC_SummerSet_array[3]	-32768	32767		R/W
0x33A7	13224	SEtC_SummerSet_array[4]	-32768	32767		R/W
0x33A8	13225	SEtC_SummerSet_array[5]	-32768	32767		R/W
0x33A9	13226	SEtC_SummerSet_array[6]	-32768	32767		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x33AA	13227	SEtC_SummerSet_array[7]	-32768	32767		R/W
0x33AB	13228	SEtC_SummerSet_array[8]	-32768	32767		R/W
0x33AC	13229	FSC_FanSet_Comfort	0.00	100.00	Comfort mode ventilation regulation	R/W
0x33AD	13230	FSC_FanComfort_array[0]	0	65535		R/W
0x33AE	13231	FSC_FanComfort_array[1]	0	65535		R/W
0x33AF	13232	FSC_FanComfort_array[2]	0	65535		R/W
0x33B0	13233	FSC_FanComfort_array[3]	0	65535		R/W
0x33B1	13234	FSC_FanComfort_array[4]	0	65535		R/W
0x33B2	13235	FSC_FanComfort_array[5]	0	65535		R/W
0x33B3	13236	FSC_FanComfort_array[6]	0	65535		R/W
0x33B4	13237	FSC_FanComfort_array[7]	0	65535		R/W
0x33B5	13238	FSC_FanComfort_array[8]	0	65535		R/W
0x33B6	13239	FSE_FanSet_Economy	0.00	100.00	Economy mode ventilation regulation	R/W
0x33B7	13240	FSE_FanEconomy_array[0]	0	65535		R/W
0x33B8	13241	FSE_FanEconomy_array[1]	0	65535		R/W
0x33B9	13242	FSE_FanEconomy_array[2]	0	65535		R/W
0x33BA	13243	FSE_FanEconomy_array[3]	0	65535		R/W
0x33BB	13244	FSE_FanEconomy_array[4]	0	65535		R/W
0x33BC	13245	FSE_FanEconomy_array[5]	0	65535		R/W
0x33BD	13246	FSE_FanEconomy_array[6]	0	65535		R/W
0x33BE	13247	FSE_FanEconomy_array[7]	0	65535		R/W
0x33BF	13248	FSE_FanEconomy_array[8]	0	65535		R/W
0x33C0	13249	FSN_FanSet_Night	0.00	100.00	Night mode ventilation regulation	R/W
0x33C1	13250	FSN_FanNight_array[0]	0	65535		R/W
0x33C2	13251	FSN_FanNight_array[1]	0	65535		R/W
0x33C3	13252	FSN_FanNight_array[2]	0	65535		R/W
0x33C4	13253	FSN_FanNight_array[3]	0	65535		R/W
0x33C5	13254	FSN_FanNight_array[4]	0	65535		R/W
0x33C6	13255	FSN_FanNight_array[5]	0	65535		R/W
0x33C7	13256	FSN_FanNight_array[6]	0	65535		R/W
0x33C8	13257	FSN_FanNight_array[7]	0	65535		R/W
0x33C9	13258	FSN_FanNight_array[8]	0	65535		R/W
0x33CA	13259	PM22_FanSetManual	0.00	100.00	Manual regulation fans	R/W
0x33CB	13260	PM22_FanManual_array[0]	0	65535		R/W
0x33CC	13261	PM22_FanManual_array[1]	0	65535		R/W
0x33CD	13262	PM22_FanManual_array[2]	0	65535		R/W
0x33CE	13263	PM22_FanManual_array[3]	0	65535		R/W
0x33CF	13264	PM22_FanManual_array[4]	0	65535		R/W
0x33D0	13265	PM22_FanManual_array[5]	0	65535		R/W
0x33D1	13266	PM22_FanManual_array[6]	0	65535		R/W
0x33D2	13267	PM22_FanManual_array[7]	0	65535		R/W
0x33D3	13268	PM22_FanManual_array[8]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x33FC	13309	PH27_MaxValueSetHot	-15.0	158.0	Maximum value of heating point	R/W
0x33FD	13310	PH27_MaxSetHot_array[0]	-32768	32767		R/W
0x33FE	13311	PH27_MaxSetHot_array[1]	-32768	32767		R/W
0x33FF	13312	PH27_MaxSetHot_array[2]	-32768	32767		R/W
0x3400	13313	PH27_MaxSetHot_array[3]	-32768	32767		R/W
0x3401	13314	PH27_MaxSetHot_array[4]	-32768	32767		R/W
0x3402	13315	PH27_MaxSetHot_array[5]	-32768	32767		R/W
0x3403	13316	PH27_MaxSetHot_array[6]	-32768	32767		R/W
0x3404	13317	PH27_MaxSetHot_array[7]	-32768	32767		R/W
0x3405	13318	PH27_MaxSetHot_array[8]	-32768	32767		R/W
0x3406	13319	PH26_MinValueSetHot	-15.0	158.0	Minimum value heating setpoint	R/W
0x3407	13320	PH26_MinSetHot_array[0]	-32768	32767		R/W
0x3408	13321	PH26_MinSetHot_array[1]	-32768	32767		R/W
0x3409	13322	PH26_MinSetHot_array[2]	-32768	32767		R/W
0x340A	13323	PH26_MinSetHot_array[3]	-32768	32767		R/W
0x340B	13324	PH26_MinSetHot_array[4]	-32768	32767		R/W
0x340C	13325	PH26_MinSetHot_array[5]	-32768	32767		R/W
0x340D	13326	PH26_MinSetHot_array[6]	-32768	32767		R/W
0x340E	13327	PH26_MinSetHot_array[7]	-32768	32767		R/W
0x340F	13328	PH26_MinSetHot_array[8]	-32768	32767		R/W
0x3410	13329	PH04_MaxValueSetCold	-15.0	158.0	Maximum value of refrigeration point	R/W
0x3411	13330	PH04_MaxSetCold_array[0]	-32768	32767		R/W
0x3412	13331	PH04_MaxSetCold_array[1]	-32768	32767		R/W
0x3413	13332	PH04_MaxSetCold_array[2]	-32768	32767		R/W
0x3414	13333	PH04_MaxSetCold_array[3]	-32768	32767		R/W
0x3415	13334	PH04_MaxSetCold_array[4]	-32768	32767		R/W
0x3416	13335	PH04_MaxSetCold_array[5]	-32768	32767		R/W
0x3417	13336	PH04_MaxSetCold_array[6]	-32768	32767		R/W
0x3418	13337	PH04_MaxSetCold_array[7]	-32768	32767		R/W
0x3419	13338	PH04_MaxSetCold_array[8]	-32768	32767		R/W
0x341A	13339	PH03_MinValueSetCold	-15.0	158.0		R/W
0x341B	13340	PH03_MinSetCold_array[0]	-32768	32767		R/W
0x341C	13341	PH03_MinSetCold_array[1]	-32768	32767		R/W
0x341D	13342	PH03_MinSetCold_array[2]	-32768	32767		R/W
0x341E	13343	PH03_MinSetCold_array[3]	-32768	32767		R/W
0x341F	13344	PH03_MinSetCold_array[4]	-32768	32767		R/W
0x3420	13345	PH03_MinSetCold_array[5]	-32768	32767		R/W
0x3421	13346	PH03_MinSetCold_array[6]	-32768	32767		R/W
0x3422	13347	PH03_MinSetCold_array[7]	-32768	32767		R/W
0x3423	13348	PH03_MinSetCold_array[8]	-32768	32767		R/W
0x3424	13349	C05_MaxValue_SetFan	0.00	100.00	Maximum value of regulation time schedule fan	R/W
0x3425	13350	C05_MaxSetFan_array[0]	0	65535		R/W
0x3426	13351	C05_MaxSetFan_array[1]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3427	13352	C05_MaxSetFan_array[2]	0	65535		R/W
0x3428	13353	C05_MaxSetFan_array[3]	0	65535		R/W
0x3429	13354	C05_MaxSetFan_array[4]	0	65535		R/W
0x342A	13355	C05_MaxSetFan_array[5]	0	65535		R/W
0x342B	13356	C05_MaxSetFan_array[6]	0	65535		R/W
0x342C	13357	C05_MaxSetFan_array[7]	0	65535		R/W
0x342D	13358	C05_MaxSetFan_array[8]	0	65535		R/W
0x342E	13359	C06_MinValue_SetFan	0.00	100.00	Min value set fan time bands	R/W
0x342F	13360	C06_MinSetFan_array[0]	0	65535		R/W
0x3430	13361	C06_MinSetFan_array[1]	0	65535		R/W
0x3431	13362	C06_MinSetFan_array[2]	0	65535		R/W
0x3432	13363	C06_MinSetFan_array[3]	0	65535		R/W
0x3433	13364	C06_MinSetFan_array[4]	0	65535		R/W
0x3434	13365	C06_MinSetFan_array[5]	0	65535		R/W
0x3435	13366	C06_MinSetFan_array[6]	0	65535		R/W
0x3436	13367	C06_MinSetFan_array[7]	0	65535		R/W
0x3437	13368	C06_MinSetFan_array[8]	0	65535		R/W
0x344C	13389	RTCEnable[0]	0	65535		R/W
0x344D	13390	RTCEnable[1]	0	65535		R/W
0x344E	13391	RTCEnable[2]	0	65535		R/W
0x344F	13392	RTCEnable[3]	0	65535		R/W
0x3450	13393	RTCEnable[4]	0	65535		R/W
0x3451	13394	RTCEnable[5]	0	65535		R/W
0x3452	13395	RTCEnable[6]	0	65535		R/W
0x3453	13396	RTCEnable[7]	0	65535		R/W
0x3454	13397	RTCEnable[8]	0	65535		R/W
0x3455	13398	RTCEnable[9]	0	65535		R/W
0x3456	13399	C10_Reserved[0]	-32768	32767		R/W
0x3457	13400	C10_Reserved[1]	-32768	32767		R/W
0x3458	13401	C10_Reserved[2]	-32768	32767		R/W
0x3459	13402	C10_Reserved[3]	-32768	32767		R/W
0x345A	13403	C10_Reserved[4]	-32768	32767		R/W
0x345B	13404	C10_Reserved[5]	-32768	32767		R/W
0x345C	13405	C10_Reserved[6]	-32768	32767		R/W
0x345D	13406	C10_Reserved[7]	-32768	32767		R/W
0x345E	13407	C10_Reserved[8]	-32768	32767		R/W
0x345F	13408	C10_Reserved[9]	-32768	32767		R/W
0x3460	13409	PH08_ChangeMode_Type	0	2	Mode change type Summer / winter 0 = Manual, 1 = Manual + Auto, 2 = Auto	R/W
0x3461	13410	PH08_ModeType_array[0]	0	65535		R/W
0x3462	13411	PH08_ModeType_array[1]	0	65535		R/W
0x3463	13412	PH08_ModeType_array[2]	0	65535		R/W
0x3464	13413	PH08_ModeType_array[3]	0	65535		R/W
0x3465	13414	PH08_ModeType_array[4]	0	65535		R/W
0x3466	13415	PH08_ModeType_array[5]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3467	13416	PH08_ModeType_array[6]	0	65535		R/W
0x3468	13417	PH08_ModeType_array[7]	0	65535		R/W
0x3469	13418	PH08_ModeType_array[8]	0	65535		R/W
0x346A	13419	PF06_PercStepManual	1.00	100.00	Step value modulating regulation the manual	R/W
0x346B	13420	PF06_StepPerc_array[0]	0	65535		R/W
0x346C	13421	PF06_StepPerc_array[1]	0	65535		R/W
0x346D	13422	PF06_StepPerc_array[2]	0	65535		R/W
0x346E	13423	PF06_StepPerc_array[3]	0	65535		R/W
0x346F	13424	PF06_StepPerc_array[4]	0	65535		R/W
0x3470	13425	PF06_StepPerc_array[5]	0	65535		R/W
0x3471	13426	PF06_StepPerc_array[6]	0	65535		R/W
0x3472	13427	PF06_StepPerc_array[7]	0	65535		R/W
0x3473	13428	PF06_StepPerc_array[8]	0	65535		R/W
0x3474	13429	Monday_TypeBands[0]	0	65535		R/W
0x3475	13430	Monday_TypeBands[1]	0	65535		R/W
0x3476	13431	Monday_TypeBands[2]	0	65535		R/W
0x3477	13432	Monday_TypeBands[3]	0	65535		R/W
0x3478	13433	Monday_TypeBands[4]	0	65535		R/W
0x3479	13434	Monday_TypeBands[5]	0	65535		R/W
0x347A	13435	Monday_TypeBands[6]	0	65535		R/W
0x347B	13436	Monday_TypeBands[7]	0	65535		R/W
0x347C	13437	Monday_TypeBands[8]	0	65535		R/W
0x347D	13438	Monday_TypeBands[9]	0	65535		R/W
0x347E	13439	Tuesday_TypeBands[0]	0	65535		R/W
0x347F	13440	Tuesday_TypeBands[1]	0	65535		R/W
0x3480	13441	Tuesday_TypeBands[2]	0	65535		R/W
0x3481	13442	Tuesday_TypeBands[3]	0	65535		R/W
0x3482	13443	Tuesday_TypeBands[4]	0	65535		R/W
0x3483	13444	Tuesday_TypeBands[5]	0	65535		R/W
0x3484	13445	Tuesday_TypeBands[6]	0	65535		R/W
0x3485	13446	Tuesday_TypeBands[7]	0	65535		R/W
0x3486	13447	Tuesday_TypeBands[8]	0	65535		R/W
0x3487	13448	Tuesday_TypeBands[9]	0	65535		R/W
0x3488	13449	Wednesday_TypeBands[0]	0	65535		R/W
0x3489	13450	Wednesday_TypeBands[1]	0	65535		R/W
0x348A	13451	Wednesday_TypeBands[2]	0	65535		R/W
0x348B	13452	Wednesday_TypeBands[3]	0	65535		R/W
0x348C	13453	Wednesday_TypeBands[4]	0	65535		R/W
0x348D	13454	Wednesday_TypeBands[5]	0	65535		R/W
0x348E	13455	Wednesday_TypeBands[6]	0	65535		R/W
0x348F	13456	Wednesday_TypeBands[7]	0	65535		R/W
0x3490	13457	Wednesday_TypeBands[8]	0	65535		R/W
0x3491	13458	Wednesday_TypeBands[9]	0	65535		R/W
0x3492	13459	Thursday_TypeBands[0]	0	65535		R/W

DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x3493	13460	Thursday_TypeBands[1]	0	65535		R/W
0x3494	13461	Thursday_TypeBands[2]	0	65535		R/W
0x3495	13462	Thursday_TypeBands[3]	0	65535		R/W
0x3496	13463	Thursday_TypeBands[4]	0	65535		R/W
0x3497	13464	Thursday_TypeBands[5]	0	65535		R/W
0x3498	13465	Thursday_TypeBands[6]	0	65535		R/W
0x3499	13466	Thursday_TypeBands[7]	0	65535		R/W
0x349A	13467	Thursday_TypeBands[8]	0	65535		R/W
0x349B	13468	Thursday_TypeBands[9]	0	65535		R/W
0x349C	13469	Friday_TypeBands[0]	0	65535		R/W
0x349D	13470	Friday_TypeBands[1]	0	65535		R/W
0x349E	13471	Friday_TypeBands[2]	0	65535		R/W
0x349F	13472	Friday_TypeBands[3]	0	65535		R/W
0x34A0	13473	Friday_TypeBands[4]	0	65535		R/W
0x34A1	13474	Friday_TypeBands[5]	0	65535		R/W
0x34A2	13475	Friday_TypeBands[6]	0	65535		R/W
0x34A3	13476	Friday_TypeBands[7]	0	65535		R/W
0x34A4	13477	Friday_TypeBands[8]	0	65535		R/W
0x34A5	13478	Friday_TypeBands[9]	0	65535		R/W
0x34A6	13479	Saturday_TypeBands[0]	0	65535		R/W
0x34A7	13480	Saturday_TypeBands[1]	0	65535		R/W
0x34A8	13481	Saturday_TypeBands[2]	0	65535		R/W
0x34A9	13482	Saturday_TypeBands[3]	0	65535		R/W
0x34AA	13483	Saturday_TypeBands[4]	0	65535		R/W
0x34AB	13484	Saturday_TypeBands[5]	0	65535		R/W
0x34AC	13485	Saturday_TypeBands[6]	0	65535		R/W
0x34AD	13486	Saturday_TypeBands[7]	0	65535		R/W
0x34AE	13487	Saturday_TypeBands[8]	0	65535		R/W
0x34AF	13488	Saturday_TypeBands[9]	0	65535		R/W
0x34B0	13489	Sunday_TypeBands[0]	0	65535		R/W
0x34B1	13490	Sunday_TypeBands[1]	0	65535		R/W
0x34B2	13491	Sunday_TypeBands[2]	0	65535		R/W
0x34B3	13492	Sunday_TypeBands[3]	0	65535		R/W
0x34B4	13493	Sunday_TypeBands[4]	0	65535		R/W
0x34B5	13494	Sunday_TypeBands[5]	0	65535		R/W
0x34B6	13495	Sunday_TypeBands[6]	0	65535		R/W
0x34B7	13496	Sunday_TypeBands[7]	0	65535		R/W
0x34B8	13497	Sunday_TypeBands[8]	0	65535		R/W
0x34B9	13498	Sunday_TypeBands[9]	0	65535		R/W
0x34BA	13499	Cat_Datalog[0]	0	65535		R/W
0x34BB	13500	Cat_Datalog[1]	0	65535		R/W
0x34BC	13501	Cat_Datalog[2]	0	65535		R/W
0x34BD	13502	Cat_Datalog[3]	0	65535		R/W
0x34BE	13503	Cat_Datalog[4]	0	65535		R/W
0x34BF	13504	Cat_Datalog[5]	0	65535		R/W



DIREC.	DIREC.	NAME	MIN	MAX	DESCRIPTION	TYPE
0x34C0	13505	Cat_Datalog[6]	0	65535		R/W
0x34C1	13506	Cat_Datalog[7]	0	65535		R/W
0x34C2	13507	Cat_Datalog[8]	0	65535		R/W
0x34C3	13508	Cat_Datalog[9]	0	65535		R/W

