

IDNext 974 P/C -HC

Electronic controllers compatible with flammable refrigerant gases

Parameters Tables



Legal Information

The Schneider Electric brand and any trademarks of Schneider Electric SE and its subsidiaries referred to in this guide are the property of Schneider Electric SE or its subsidiaries. All other brands may be trademarks of their respective owners.

This guide and its content are protected under applicable copyright laws and furnished for informational use only. No part of this guide may be reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), for any purpose, without the prior written permission of Schneider Electric.

Schneider Electric does not grant any right or license for commercial use of the guide or its content, except for a non-exclusive and personal license to consult it on an "as is" basis.

Schneider Electric products and equipment should be installed, operated, serviced, and maintained only by qualified personnel.

As standards, specifications, and designs change from time to time, information contained in this guide may be subject to change without notice.

To the extent permitted by applicable law, no responsibility or liability is assumed by Schneider Electric and its subsidiaries for any errors or omissions in the informational content of this material or consequences arising out of or resulting from the use of the information contained herein.

As part of a group of responsible, inclusive companies, we are updating our communications that contain non-inclusive terminology. Until we complete this process, however, our content may still contain standardized industry terms that may be deemed inappropriate by our customers.

© 2021 Schneider Electric. All rights reserved.

User Parameters IDNext 974 P/C

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
SEt	Control setpoint with range between the minimum LSE setpoint and the maximum HSE setpoint. The setpoint value is set in the 'Machine Status' menu.	LSE...HSE	°C/°F		3.0	3.0	0.0	-18.0
dIF	Compressor relay activation differential; the compressor stops when the setpoint value is reached (as indicated by the control probe) and restarts at a temperature value equal to the setpoint plus the differential value.	0.1...30.0	°C/°F		2.0	2.0	2.0	2.0
LSE	Minimum setpoint value.	-67.0... HSE	°C/°F		-55.0	-55.0	-55.0	-55.0
HSE	Maximum setpoint value.	LSE ...302	°C/°F		140.0	140.0	140.0	140.0
dEt	Defrost timeout. Determines the maximum duration of the defrost	1...250	min		30	30	30	30
dS1	Evaporator 1 defrost end temperature (measured by probe Pb2)	-67.0...302	°C/°F		8.0	8.0	8.0	0.0
dS2	Evaporator 2 defrost end temperature (measured by Pb3 if H43 = 2EP)	-67.0...302	°C/°F		0.0	0.0	0.0	0.0
dit	Time interval between one defrost and the next	0...250	hours		6	6	6	6
FSt	Fan disabling temperature; a value, read by the evaporator probe.	-67.0...320	°C/°F		8.0	8.0	8.0	8.0
Fdt	Fan activation delay time after a defrost.	0...250	min		0	0	0	0
dt	Dripping time.	0...250	min		0	0	0	0
dFd	Used to select or deselect the exclusion of the evaporator fans during defrosting. <ul style="list-style-type: none"> • n(0) = no • y(1) = yes (fan excluded - off). 	n/y	flag		y	y	y	y
HAL	Maximum temperature alarm. Temperature value (in an absolute or relative value - see Att) which, when exceeded, will lead to the activation of alarm signaling.	LAL ...302	°C/°F		150.0	150.0	150.0	150.0
LAL	Minimum temperature alarm. Temperature value (in an absolute or relative value - see Att) which, when not reached, will lead to the activation of alarm signaling.	-67,0... HAL	°C/°F		-50.0	-50.0	-50.0	-50.0
CA1 (!)	Positive or negative temperature value to be added to the value of Pb1.	-30.0...30.0	°C/°F		0.0	0.0	0.0	0.0
CA2 (!)	Positive or negative temperature value to be added to the value of Pb2.	-30.0...30.0	°C/°F		0.0	0.0	0.0	0.0
PS1	When enabled (PS1 ≠0) this is the access key for the user parameters.	0...250	num		0	0	0	0
H42	Probe Pb2 present. <ul style="list-style-type: none"> • n(0) = not present • y(1) = present. 	n/y	flag		y	y	y	y
tAb	Reserved: read-only parameter.	/	/		/ (not in applications)			

Note: the "User" menu parameters also include **PA2**, which allows access to the "Installer" menu.

Note: for the full list of parameters, see the section "**Installer parameters**".

Installer Parameters IDNext 974 P/C

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
SEt	Control setpoint with range between the minimum LSE setpoint and the maximum HSE setpoint. The setpoint value is set in the 'Machine Status' menu.	LSE...HSE	°C/°F		3.0	3.0	0.0	-18.0
CP (Compressor)								
diF	Compressor relay activation differential; the compressor stops when the setpoint value is reached (as indicated by the control probe) and restarts at a temperature value equal to the setpoint plus the differential value.	0.1...30.0	°C/°F		2.0	2.0	2.0	2.0
LSE	Minimum setpoint value.	-67.0... HSE	°C/°F		-55.0	-55.0	-55.0	-55.0
HSE	Maximum setpoint value.	LSE ...302	°C/°F		140.0	140.0	140.0	140.0
HC	The regulator implements either cold operation (set " C (0)") or for hot (set " H (1)").	C/H	flag		0	0	0	0
ont	Regulator power-on time for a inoperable probe: <ul style="list-style-type: none"> if Ont = 1 and OFt = 0 compressor is always on if Ont = 1 and OFt > 0 compressor in duty cycle mode 	0...250	min		15	15	15	15
oFt	Regulator power-off time for a inoperable probe: <ul style="list-style-type: none"> if OFt = 1 and Ont = 0 compressor is always off if OFt = 1 and Ont > 0 compressor in duty cycle mode 	0...250	min		15	15	15	15
don	Compressor relay activation delay time after request	0...250	s		0	0	0	0
doF	Delay time after power-off: the delay time indicated must elapse between deactivation of the compressor relay and the next power-on.	0...250	min		0	0	0	0
dbi	Delay time between power-ons; the delay time indicated must elapse between two consecutive compressor power-ons.	0...250	min		0	0	0	0
Cit	Minimum compressor activation time before it can be deactivated. If Cit = 0 it is not active.	0...250	min		0	0	0	0
CAt	Maximum compressor activation time before it can be deactivated. If CAt = 0 it is not active.	0...250	min		0	0	0	0
odo (!)	Delay in activating outputs after the controller is powered on or after a power failure. 0 = not active.	0...250	min		0	0	0	0
dcS	"Deep Cooling Cycle" setpoint	-67.0...302	°C/°F		0.0	0.0	0.0	0.0
tdC	"Deep Cooling Cycle" duration	0...250	min		0	0	0	0
dcc	Defrost activation delay after a "Deep Cooling Cycle"	0...250	min		0	0	0	0
CP2	Compressor 2 activation delay.	0...250	min		0	0	0	0
dFA	Condenser fan and compressor activation delay from the request.	0...250	s		0	0	0	0
dEF (Defrost)								
dty	Type of defrost. <ul style="list-style-type: none"> 0 = electric defrost or due to stoppage - compressor OFF during defrost 1 = cycle inversion (hot gas) defrost; compressor on during defrost 2 = defrost with "Free" mode; defrost independent of compressor. 	0/1/2	num		0	0	0	0
doH	Defrost cycle activation delay from the call	0...250	min		0	0	0	0
dEt	Defrost timeout. Determines the maximum duration of the defrost	1...250	min		30	30	30	30
dS1	Evaporator 1 defrost end temperature (measured by probe Pb2)	-67.0...302	°C/°F		8.0	8.0	8.0	0.0
dS2	Evaporator 2 defrost end temperature (measured by Pb3 if H43 = 2EP)	-67.0...302	°C/°F		0.0	0.0	0.0	0.0

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
dPo	Defrost activation request at power-on, if the temperature measured by Pb2 allows. <ul style="list-style-type: none"> n(0) = no y(1) = yes. 	n/y	flag		n	n	n	n
tCd	Minimum period of time with the compressor ON or OFF before defrost is activated.	-127...127	min		0	0	0	0
Cod	Time with the compressor OFF before defrost is activated	0...250	min		0	0	0	0
dMr	Enables the defrost count reset in the case of manual defrosting. <ul style="list-style-type: none"> n = count reset does not take place y = count reset takes place 	n/y	flag		n	n	n	n
d00	Compressor running time before defrost is activated	0...250	hours		0	0	0	0
d01	d00 unit of measure. <ul style="list-style-type: none"> 0 = hours 1 = minutes 2 = seconds. 	0/1/2	num		0	0	0	0
dit	Time interval between one defrost and the next	0...250	hours		6	6	6	6
d11	dit unit of measure. <ul style="list-style-type: none"> 0 = hours 1 = minutes 2 = seconds. 	0/1/2	num		0	0	0	0
d20	Can be used to activate the defrost when the compressor is off. <ul style="list-style-type: none"> 0 = disabled. Defrost is not activated. 1 = enabled. Defrost is activated when the compressor is off. 	0/1	flag		0	0	0	0
d40	Enables/disables use of probe Pb2. <ul style="list-style-type: none"> 0 = disabled. Defrost does not take Pb2 into account 1 = enabled. Defrost runs according to the value read by Pb2 (only refers to defrost with threshold) 	0/1	flag		0	0	0	0
d41	Sets the defrost activation threshold	-67.0...302	°C/°F		0.0	0.0	0.0	0.0
d42	Sets the maximum time for which the evaporator can remain under the threshold d41	0...250	min		0	0	0	0
d43	Sets the type of time count in which the evaporator temperature remains under the threshold value. <ul style="list-style-type: none"> 0 = count independent of the compressor status 1 = count with compressor on (when the compressor is off the count begins again) 2 = count independent of the compressor status. The count stops when the temperature rises above the threshold d41 3 = count with compressor on and until the temperature rises above the threshold d41 	0...3	num		0	0	0	0
d44	Sets the threshold management mode. <ul style="list-style-type: none"> 0 = absolute value (for example: d41 = -25°C means that the threshold temperature is exactly -25°C) 1 = relative value (negative offset, relative to the value measured by the defrost probe Pb2 (if d40 = 1) at the end of the first cooling cycle or on power-on) 	0/1	flag		0	0	0	0
d90	Sets the defrost mode with RTC. <ul style="list-style-type: none"> 0 = RTC disabled 1 = Reserved 2 = RTC at fixed intervals (d91) 3 = Regular RTC (d94) 	0...3	num		-	-	-	-
d91	Sets the number of daily defrosts (only if d90 =2)	0...255	num		-	-	-	-

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
d92	Sets the first weekend/holiday day. <ul style="list-style-type: none"> • 0 = Sunday • 1 = Monday • 2 = Tuesday • 3 = Wednesday • 4 = Thursday • 5 = Friday • 6 = Saturday • 7 = Disabled 	0...7	num		-	-	-	-
d93	Sets the second weekend/holiday day. Same as d92 .	0...7	num		-	-	-	-
d94	Sets the duration of the regular defrost in days (only if d90=3).	1...7	num		-	-	-	-
d1H	1st weekday defrost start hour. <ul style="list-style-type: none"> • 0...23 = start hour • 24 = disabled 	0...24	hours		0 (not in applications)			
d1n	1st weekday defrost start minutes.	0...59	min		0 (not in applications)			
F1H	1st weekend/holiday defrost start hour. <ul style="list-style-type: none"> • 0...23 = start hour • 24 = disabled 	0...24	hours		0 (not in applications)			
F1n	1st weekend/holiday defrost start minutes.	0...59	min		0 (not in applications)			
Fan (Fans)								
FPt	Sets whether parameter FSt is expressed as an absolute temperature value or as a value relative to the Setpoint. <ul style="list-style-type: none"> • 0 = absolute • 1 = relative. 	0/1	flag		0	0	0	0
FSt	Fan disabling temperature; a value, read by the evaporator probe.	-67.0...320	°C/°F		8.0	8.0	8.0	8.0
FAd	Evaporator fan trigger differential.	0.1...25.0	°C/°F		2.0	2.0	2.0	2.0
Fdt	Fan activation delay time after a defrost.	0...250	min		0	0	0	0
dt	Dripping time.	0...250	min		0	0	0	0
dFd	Used to select or deselect the exclusion of the evaporator fans during defrosting. <ul style="list-style-type: none"> • n(0) = no • y(1) = yes (fan excluded - off). 	n/y	flag		y	y	y	y

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3																																																																													
FCo	Evaporator fan operating mode.	0...3	num		1	1	1	1																																																																													
	<table border="1"> <thead> <tr> <th rowspan="2">Pb2</th> <th rowspan="2">H42</th> <th rowspan="2">FCo</th> <th colspan="2">day</th> <th colspan="2">night</th> </tr> <tr> <th>Cn</th> <th>Cf</th> <th>Cn</th> <th>Cf</th> </tr> </thead> <tbody> <tr> <td rowspan="4">ok</td> <td rowspan="4">y</td> <td>0</td> <td>T</td> <td>Off</td> <td>T</td> <td>Off</td> </tr> <tr> <td>1</td> <td>T</td> <td>T</td> <td>T</td> <td>T</td> </tr> <tr> <td>2</td> <td>T</td> <td>DCd</td> <td>T</td> <td>DCn</td> </tr> <tr> <td>3</td> <td>T</td> <td>DCd</td> <td>T</td> <td>DCn</td> </tr> <tr> <td rowspan="4">ko</td> <td rowspan="4">y</td> <td>0</td> <td>On</td> <td>Off</td> <td>On</td> <td>Off</td> </tr> <tr> <td>1</td> <td>On</td> <td>On</td> <td>On</td> <td>On</td> </tr> <tr> <td>2</td> <td>On</td> <td>DCd</td> <td>On</td> <td>DCd</td> </tr> <tr> <td>3</td> <td>On</td> <td>DCd</td> <td>On</td> <td>DCd</td> </tr> <tr> <td rowspan="4">no</td> <td rowspan="4">n</td> <td>0</td> <td>On</td> <td>Off</td> <td>On</td> <td>Off</td> </tr> <tr> <td>1</td> <td>On</td> <td>On</td> <td>On</td> <td>On</td> </tr> <tr> <td>2</td> <td>On</td> <td>DCd</td> <td>On</td> <td>DCd</td> </tr> <tr> <td>3</td> <td>On</td> <td>DCd</td> <td>On</td> <td>DCd</td> </tr> </tbody> </table>								Pb2	H42	FCo	day		night		Cn	Cf	Cn	Cf	ok	y	0	T	Off	T	Off	1	T	T	T	T	2	T	DCd	T	DCn	3	T	DCd	T	DCn	ko	y	0	On	Off	On	Off	1	On	On	On	On	2	On	DCd	On	DCd	3	On	DCd	On	DCd	no	n	0	On	Off	On	Off	1	On	On	On	On	2	On	DCd	On	DCd	3	On	DCd	On	DCd
	Pb2											H42	FCo	day		night																																																																					
									Cn	Cf	Cn			Cf																																																																							
	ok								y	0	T	Off	T	Off																																																																							
										1	T	T	T	T																																																																							
										2	T	DCd	T	DCn																																																																							
										3	T	DCd	T	DCn																																																																							
	ko								y	0	On	Off	On	Off																																																																							
										1	On	On	On	On																																																																							
										2	On	DCd	On	DCd																																																																							
										3	On	DCd	On	DCd																																																																							
	no								n	0	On	Off	On	Off																																																																							
1		On	On	On	On																																																																																
2		On	DCd	On	DCd																																																																																
3		On	DCd	On	DCd																																																																																
Headings legend:																																																																																					
Pb2 = probe Pb2 status (ok = present; ko = in E2 error and no = absent; day = day mode; night = night mode; Cn = compressor on; Cf = compressor off.																																																																																					
Status legend:																																																																																					
T = thermostat controlled fans; On = fans on; Off = fans off; DCd = Day duty cycle or DCn = Night duty cycle.																																																																																					
Fon	Day duty cycle: time with fans on.	0...250	min		0	0	0	0																																																																													
FoF	Day duty cycle: time with fans off.	0...250	min		0	0	0	0																																																																													
Fnn	Night duty cycle: time with fans on.	0...250	min		0	0	0	0																																																																													
FnF	Night duty cycle: time with fans off.	0...250	min		0	0	0	0																																																																													
ESF	"Night" mode activation. <ul style="list-style-type: none"> n(0) = no y(1) = yes. 	n/y	flag		n	n	n	n																																																																													
AL (Alarms)																																																																																					
Att	Sets the absolute or relative value for parameters HAL and LAL . <ul style="list-style-type: none"> 0 = absolute value 1 = relative value 	0/1	flag		0	0	0	0																																																																													
AFd	Alarm differential.	0,1...25,0	°C/°F		2.0	2.0	2.0	2.0																																																																													
HAL	Maximum temperature alarm. Temperature value (in an absolute or relative value - see Att) which, when exceeded, will lead to the activation of alarm signaling.	LAL ...302	°C/°F		150.0	150.0	150.0	150.0																																																																													
LAL	Minimum temperature alarm. Temperature value (in an absolute or relative value - see Att) which, when not reached, will lead to the activation of alarm signaling.	-67,0... HAL	°C/°F		-50.0	-50.0	-50.0	-50.0																																																																													
PAo	Alarm exclusion time when switching on the controller, after a power failure.	0...10	min*10		0	0	0	0																																																																													
dAo	Temperature alarm exclusion time after defrosting.	0...999	min		0	0	0	0																																																																													
oAo	Alarm signaling delay after deactivation of the digital input (door closure). Alarm refers to high and low temperature alarms.	0...10	hours		0	0	0	0																																																																													
tdo	Door open alarm activation delay time.	0...250	min		0	0	0	0																																																																													
tAo	Temperature alarm signaling delay time.	0...250	min		0	0	0	0																																																																													
dAt	Defrost ended due to timeout alarm indication. <ul style="list-style-type: none"> n(0) = alarm not activated y(1) = alarm activated. 	n/y	flag		0	0	0	0																																																																													

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
EAL	An external alarm inhibits the regulators. <ul style="list-style-type: none"> • 0 = does not inhibit the regulators • 1 = compressor and defrost inhibited • 2 = fans, compressor and defrost inhibited; 	0/1/2	flag		n	n	n	n
AoP	Alarm output polarity. <ul style="list-style-type: none"> • 0 = NO (Normally open) • 1 = NC (Normally closed). 	0/1	flag		1	1	1	1
SA3	Probe 3 alarm setpoint.	-67.0...302	°C/°F		0.0	0.0	0.0	0.0
dA3	Probe 3 alarm differential.	0.1...30.0	°C/°F		1.0	1.0	1.0	1.0
rFt	Low refrigerant alarm signaling delay.	0...250	min		0 (non nelle applicazioni)			
Lit (Lights and digital inputs)								
dOd	Digital input shuts off utilities. <ul style="list-style-type: none"> • 0 = disabled • 1 = disables fans • 2 = disables compressor • 3 = disables fans and compressor. 	0...3	num		0	0	0	0
dAd	Digital input activation delay	0...250	min		0	0	0	0
dCo	Compressor switch-off delay from door opening.	0...250	min		0	0	0	0
AUP	Auxiliary (AUX) output activation when the door is opened. <ul style="list-style-type: none"> • n(0) = disabled • y(1) = AUX output activation 	n/y	flag		n	n	n	n
PrE (Pressure switch)								
PEn	Number of errors permitted per minimum/maximum pressure switch input	0...15	num		0	0	0	0
PEi	Minimum/maximum pressure switch error count interval	1...99	min		1	1	1	1
PEt	Compressor activation delay after pressure switch deactivation	0...255	min		0	0	0	0
EnS (Energy Saving)								
oSP	Temperature value to be added to the setpoint in the case of an enabled reduced set (Economy function).	-30.0...30.0	°C/°F		0.0	0.0	0.0	0.0
odF	Differential offset during an energy saving cycle or reduced set.	0.1...30.0	°C/°F		2.0	2.0	2.0	2.0
Add (Communication)								
Adr	Modbus protocol controller address.	1...247	num		1 (not in applications)			
bAU	Modbus Baudrate selection. <ul style="list-style-type: none"> • 96 (0) = 9600 baud • 192 (1) = 19200 baud • 384 (2) = 38400 baud 	96/192/384	num		96 (not in applications)			
Pty	Modbus parity bit. <ul style="list-style-type: none"> • n(0) = none • E(1) = even • o(2) = odd. 	n/E/o	num		E (not in applications)			
diS (Display)								
dro	Selects the unit of measure used when displaying the temperature read by the probes. (0 = °C, 1 = °F). Note: changing from °C to °F or vice-versa does NOT change the SEt , diF values, etc. (example: SEt = 10°C becomes 10°F).	0/1	flag		0	0	0	0
CA1 (!)	Positive or negative temperature value to be added to the value of Pb1.	-30.0...30.0	°C/°F		0.0	0.0	0.0	0.0
CA2 (!)	Positive or negative temperature value to be added to the value of Pb2.	-30.0...30.0	°C/°F		0.0	0.0	0.0	0.0
CA3 (!)	Positive or negative temperature value to be added to the value of Pb3.	-30.0...30.0	°C/°F		0.0	0.0	0.0	0.0

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
CAi	Activation of the calibration value. <ul style="list-style-type: none"> • 0 = Adds the value to the temperature value displayed • 1 = Adds the value to the temperature used by the regulators and not to the one displayed • 2 = Adds the value to the temperature used by the regulators and to the temperature displayed. 	0/1/2	num		2	2	2	2
LoC	Keypad lock. <ul style="list-style-type: none"> • n(0) = Keypad lock disabled • y(1) = Keypad lock enabled (on startup or when 30 seconds have passed since the last action carried out on the user interface) 	n/y	flag		y	y	y	y
ddd	Selects the type of value to show on the display. <ul style="list-style-type: none"> • 0 = setpoint • 1 = Pb1 probe • 2 = Pb2 probe • 3 = Pb3 probe. 	0...3	num		1	1	1	1
ddL	Display mode during defrosting. <ul style="list-style-type: none"> • 0 = display the temperature read by Pb1 • 1 = inhibits reading on the value of Pb1 at the start of defrost and until the setpoint is reached • 2 = displays label dEF during defrost until the setpoint is reached. 	0/1/2	num		0	0	0	0
Ldd	Display unlock timeout value - label dEF	0...250	min		30	30	30	30
ndt	Display with decimal point. <ul style="list-style-type: none"> • n(0) = no • y(1) = yes. 	n/y	flag		y	y	y	y
FSE	Sets the value (COEFF) used by the low-pass filter to calculate the temperature value to be displayed. <ul style="list-style-type: none"> • 0 = disabled • 1 = 200 • 2 = 100 • 3 = 50 • 4 = 25 • 5 = 12 • 6 = 6 • 7 = 3. 	0...7	num		0	0	0	0
FdS	Filter disabling threshold.	-67.0...302	°C/°F		0.0	0.0	0.0	0.0
Ftt	Time that has passed beyond the value of FdS before the filter is disabled.	0...250	min		0	0	0	0
FHt	Filter sampling interval.	1...250	s		1	1	1	1
PS1	When enabled (PS1 ≠0) this is the access key for the user parameters.	0...250	num		0	0	0	0
PS2	When enabled (PS2 ≠0) this is the access key for the installer parameters.	0...250	num		15	15	15	15
CnF (Configuration)								
H00	Selects the probe type. <ul style="list-style-type: none"> • 0 = PTC • 1 = NTC • 2 = Pt1000. 	0/1/2	flag		1	1	1	1
H08	Stand-by operating mode. <ul style="list-style-type: none"> • 0 = display off; the regulators are active and the device signals possible alarms by reactivating the display • 1 = display off; the regulators and the alarms are blocked • 2 = the display shows the label "OFF"; the regulators and alarms are inhibited. 	0/1/2	num		2	2	2	2

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
H11	Configurazione ingresso digitale 1 (DI)/ polarità. <ul style="list-style-type: none"> • 0 = disabilitato • ±1 = sbrinamento • ±2 = set ridotto • ±3 = ausiliario • ±4 = micro-porta • ±5 = allarme esterno • ±6 = stand-by • ±7 = pressostato • ±8 = abbattimento rapido • ±9 = luce • ±10 = risparmio energetico Nota: <ul style="list-style-type: none"> • segno "+" indica che l'ingresso è attivo se il contatto è chiuso. • segno "-" indica che l'ingresso è attivo se il contatto è aperto. 	-10...+10	num		0	0	0	0
H21	Configuration of digital output 1 (Out1). <ul style="list-style-type: none"> • 0 = disabled • 1 = compressor • 2 = defrost • 3 = evaporator fans • 4 = alarm • 5 = auxiliary • 6 = stand-by • 7 = light • 8 = reserved • 9 = compressor 2 • 10 = evaporator 2 defrost • 11 = condenser fans • 12 = heater deadband control • 13 = reserved 	0...13	num		1	1	1	1
H22	Configuration of digital output 2 (Out2). <ul style="list-style-type: none"> • 0 = disabled • 1 = compressor • 2 = defrost • 3 = evaporator fans • 4 = alarm • 5 = auxiliary • 6 = stand-by • 7 = light • 8 = reserved • 9 = compressor 2 • 10 = evaporator 2 defrost • 11 = condenser fans • 12 = heater deadband control. 	0...12	num		2	2	2	2
H23	Configuration of digital output 3 (Out3). Same as H22.	0...12	num		3	3	3	3
H31	Configuration of Δ key. <ul style="list-style-type: none"> • 0 = disabled • 1 = defrost • 2 = auxiliary • 3 = reduced set • 4 = stand-by • 5 = reserved • 6 = reserved • 7 = deep cooling • 8 = light. 	0...8	num		1	1	1	1
H32	Configuration of ∇ key. Same as H31.	0...8	num		0	0	0	0
H33	Configuration of \ominus key. Same as H31.	0...8	num		4	4	4	4
H34	Configuration of ∇ key. Same as H31.	0...8	num		0	0	0	0
H35	Configuration of \star key. Same as H31.	0...8	num		0	0	0	0
H42	Probe Pb2 present. <ul style="list-style-type: none"> • n(0) = not present • y(1) = present. 	n/y	flag		y	y	y	y

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
H43	Probe Pb3 present. • n(0) = not present • y(1) = present • 2EP(2) = second evaporator.	n/y/2EP	flag		n	n	n	n
H48	RTC (Real Time Clock) present. • 0 = no RTC • 1 = RTC present.	0/1	flag		0	0	0	0
H60	Display selected application. 0 = disabled; 1 = AP1; 2 = AP2; 3 = AP3.	0...3	num		1 (not in applications)			
tAb	Reserved: read-only parameter.	/	/		/ (not in applications)			
FPr (UNICARD)								
UL	Transfer of the programming parameters from the controller to the UNICARD.	/	/		- (not in applications)			
Fr	UNICARD formatting. Deletes all data on the UNICARD. Note: the use of parameter Fr results in the loss of all data entered. This operation cannot be reversed.	/	/		- (not in applications)			
FnC (Functions)								
tAL	Force alarm acknowledgment	/	/		- (not in applications)			
rAP	Reset pressure switch alarms	/	/		- (not in applications)			
Cnt	Reset TelevisAir diagnostic counters (see Reset TelevisAir diagnostic counters)	/	/		- (not in applications)			
nAd (Night and Day)								
E10	Selects Event 1 activation mode. 0 = disabled; 1 = Monday; 2 = Tuesday; 3 = Wednesday; 4 = Thursday; 5 = Friday; 6 = Saturday; 7 = Sunday; 8 = Monday to Friday; 9 = Monday to Saturday; 10 = Saturday and Sunday; 11 = every day.	0...11	num		0 (not in applications)			
E11	Event 1 start hour.	0...23	hours		0 (not in applications)			
E12	Event 1 start minute.	0...59	min		0 (not in applications)			
E13	Event 1 end hour.	0...23	hours		0 (not in applications)			
E14	Event 1 end minute.	0...59	min		0 (not in applications)			
E15	Sets Event 1 type. 0 = Energy Saving; 1 = AUX deactivated; 2 = AUX activated; 3 = Stand-by; 4 = Light on; 5 = Light off.	0...5	num		0 (not in applications)			
E20	Selects Event 2 activation mode. Same as E10 .	0...11	num		0 (not in applications)			
E21	Event 2 start hour.	0...23	hours		0 (not in applications)			
E22	Event 2 start minute.	0...59	min		0 (not in applications)			
E23	Event 2 end hour.	0...23	hours		0 (not in applications)			
E24	Event 2 end minute.	0...59	min		0 (not in applications)			
E25	Sets Event 2 type. Same as E15 .	0...5	num		0 (not in applications)			

Note: if one or more parameters in folder **CnF** or marked with (!) are changed, the controller must be switched off and then on again to make sure it works properly.

Eliwell Controls srl

Via dell'Industria, 15 Z.I. Paludi

32016 Alpago (BL) Italy

T +39 (0) 437 986 111

www.eliwell.com

Technical Customer Support

T +39 (0) 437 986 300

E techsuppeliwell@se.com

Sales

T +39 (0) 437 986 100 (Italy)

T +39 (0) 437 986 200 (other countries)

E saleseliwell@se.com