

# IDNext 974 P/B -HC

Electronic controllers compatible with flammable refrigerant gases

## Parameters Tables



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## User Parameters IDNext 974 P/B

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

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
<b>SEt</b>	Control setpoint with range between the minimum <b>LSE</b> setpoint and the maximum <b>HSE</b> setpoint. The setpoint value is set in the 'Machine Status' menu.	<b>LSE...HSE</b>	°C/°F		3.0	3.0	0.0	-18.0
<b>CP (Compressor)</b>								
<b>diF</b>	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
<b>LSE</b>	Minimum setpoint value.	-67.0... <b>HSE</b>	°C/°F		-55.0	-55.0	-55.0	-55.0
<b>HSE</b>	Maximum setpoint value.	<b>LSE</b> ...302	°C/°F		140.0	140.0	140.0	140.0
<b>HC</b>	The regulator implements either cold operation (set " <b>C</b> (0)") or for hot (set " <b>H</b> (1)").	C/H	flag		0	0	0	0
<b>ont</b>	Regulator power-on time for a inoperable probe: <ul style="list-style-type: none"> <li>if <b>Ont</b> = 1 and <b>OFt</b> = 0 compressor is always on</li> <li>if <b>Ont</b> = 1 and <b>OFt</b> &gt; 0 compressor in duty cycle mode</li> </ul>	0...250	min		15	15	15	15
<b>oFt</b>	Regulator power-off time for a inoperable probe: <ul style="list-style-type: none"> <li>if <b>OFt</b> = 1 and <b>Ont</b> = 0 compressor is always off</li> <li>if <b>OFt</b> = 1 and <b>Ont</b> &gt; 0 compressor in duty cycle mode</li> </ul>	0...250	min		15	15	15	15
<b>don</b>	Compressor relay activation delay time after request	0...250	s		0	0	0	0
<b>doF</b>	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
<b>dbi</b>	Delay time between power-ons; the delay time indicated must elapse between two consecutive compressor power-ons.	0...250	min		0	0	0	0
<b>Cit</b>	Minimum compressor activation time before it can be deactivated. If <b>Cit</b> = 0 it is not active.	0...250	min		0	0	0	0
<b>CAt</b>	Maximum compressor activation time before it can be deactivated. If <b>CAt</b> = 0 it is not active.	0...250	min		0	0	0	0
<b>odo (!)</b>	Delay in activating outputs after the controller is powered on or after a power failure. <b>0</b> = not active.	0...250	min		0	0	0	0
<b>dcS</b>	"Deep Cooling Cycle" setpoint	-67.0...302	°C/°F		0.0	0.0	0.0	0.0
<b>tdC</b>	"Deep Cooling Cycle" duration	0...250	min		0	0	0	0
<b>dcc</b>	Defrost activation delay after a "Deep Cooling Cycle"	0...250	min		0	0	0	0
<b>CP2</b>	Compressor 2 activation delay.	0...250	min		0	0	0	0
<b>dFA</b>	Condenser fan and compressor activation delay from the request.	0...250	s		0	0	0	0
<b>dEF (Defrost)</b>								
<b>dty</b>	Type of defrost. <ul style="list-style-type: none"> <li><b>0</b> = electric defrost or due to stoppage - compressor OFF during defrost</li> <li><b>1</b> = cycle inversion (hot gas) defrost; compressor on during defrost</li> <li><b>2</b> = defrost with "Free" mode; defrost independent of compressor.</li> </ul>	0/1/2	num		0	0	0	0
<b>doH</b>	Defrost cycle activation delay from the call	0...250	min		0	0	0	0
<b>dEt</b>	Defrost timeout. Determines the maximum duration of the defrost	1...250	min		30	30	30	30
<b>dS1</b>	Evaporator 1 defrost end temperature (measured by probe Pb2)	-67.0...302	°C/°F		8.0	8.0	8.0	8.0
<b>dPo</b>	Defrost activation request at power-on, if the temperature measured by Pb2 allows. <ul style="list-style-type: none"> <li><b>n</b>(0) = no</li> <li><b>y</b>(1) = yes.</li> </ul>	n/y	flag		n	n	n	n

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
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"> <li>n = count reset does not take place</li> <li>y = count reset takes place</li> </ul>	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"> <li>0 = hours</li> <li>1 = minutes</li> <li>2 = seconds.</li> </ul>	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"> <li>0 = hours</li> <li>1 = minutes</li> <li>2 = seconds.</li> </ul>	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"> <li>0 = disabled. Defrost is not activated.</li> <li>1 = enabled. Defrost is activated when the compressor is off.</li> </ul>	0/1	flag		0	0	0	0
d40	Enables/disables use of probe Pb2. <ul style="list-style-type: none"> <li>0 = disabled. Defrost does not take Pb2 into account</li> <li>1 = enabled. Defrost runs according to the value read by Pb2 (only refers to defrost with threshold)</li> </ul>	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"> <li>0 = count independent of the compressor status</li> <li>1 = count with compressor on (when the compressor is off the count begins again)</li> <li>2 = count independent of the compressor status. The count stops when the temperature rises above the threshold d41</li> <li>3 = count with compressor on and until the temperature rises above the threshold d41</li> </ul>	0...3	num		0	0	0	0
d44	Sets the threshold management mode. <ul style="list-style-type: none"> <li>0 = absolute value (for example: d41 = -25°C means that the threshold temperature is exactly -25°C)</li> <li>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)</li> </ul>	0/1	flag		0	0	0	0
<b>Fan (Fans)</b>								
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"> <li>0 = absolute</li> <li>1 = relative.</li> </ul>	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

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3																																																																													
<b>dFd</b>	Used to select or deselect the exclusion of the evaporator fans during defrosting. <ul style="list-style-type: none"> <li><b>n(0)</b> = no</li> <li><b>y(1)</b> = yes (fan excluded - off).</li> </ul>	n/y	flag		y	y	y	y																																																																													
<b>FCo</b>	Evaporator fan operating mode. <table border="1" style="margin-left: 20px;"> <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> <p><b>Headings legend:</b>  <b>Pb2</b> = probe Pb2 status (<b>ok</b> = present; <b>ko</b> = in E2 error and <b>no</b> = absent; <b>day</b> = day mode; <b>night</b> = night mode; <b>Cn</b> = compressor on; <b>Cf</b> = compressor off.  <b>Status legend:</b>  <b>T</b> = thermostat controlled fans; <b>On</b> = fans on; <b>Off</b>= fans off; <b>DCd</b> = Day duty cycle or <b>DCn</b> = Night duty cycle.</p>	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	0...3	num		1	1	1	1
Pb2	H42				FCo	day		night																																																																													
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<b>Fon</b>	Day duty cycle: time with fans on.	0...250	min		0	0	0	0																																																																													
<b>FoF</b>	Day duty cycle: time with fans off.	0...250	min		0	0	0	0																																																																													
<b>Fnn</b>	Night duty cycle: time with fans on.	0...250	min		0	0	0	0																																																																													
<b>FnF</b>	Night duty cycle: time with fans off.	0...250	min		0	0	0	0																																																																													
<b>ESF</b>	"Night" mode activation. <ul style="list-style-type: none"> <li><b>n(0)</b> = no</li> <li><b>y(1)</b> = yes.</li> </ul>	n/y	flag		n	n	n	n																																																																													
<b>AL (Alarms)</b>																																																																																					
<b>Att</b>	Sets the absolute or relative value for parameters <b>HAL</b> and <b>LAL</b> . <ul style="list-style-type: none"> <li><b>0</b> = absolute value</li> <li><b>1</b> = relative value</li> </ul>	0/1	flag		0	0	0	0																																																																													
<b>AFd</b>	Alarm differential.	0,1...25,0	°C/°F		2.0	2.0	2.0	2.0																																																																													
<b>HAL</b>	Maximum temperature alarm. Temperature value (in an absolute or relative value - see <b>Att</b> ) which, when exceeded, will lead to the activation of alarm signaling.	<b>LAL</b> ...302	°C/°F		150.0	150.0	150.0	150.0																																																																													
<b>LAL</b>	Minimum temperature alarm. Temperature value (in an absolute or relative value - see <b>Att</b> ) which, when not reached, will lead to the activation of alarm signaling.	-67,0... <b>HAL</b>	°C/°F		-50.0	-50.0	-50.0	-50.0																																																																													
<b>PAo</b>	Alarm exclusion time when switching on the controller, after a power failure.	0...10	min*10		0	0	0	0																																																																													
<b>dAo</b>	Temperature alarm exclusion time after defrosting.	0...999	min		0	0	0	0																																																																													
<b>oAo</b>	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																																																																													
<b>tdo</b>	Door open alarm activation delay time.	0...250	min		0	0	0	0																																																																													
<b>tAo</b>	Temperature alarm signaling delay time.	0...250	min		0	0	0	0																																																																													

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

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



Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
H11	<p>Configurazione ingresso digitale 1 (DI)/ polarità.</p> <ul style="list-style-type: none"> <li>• 0 = disabilitato</li> <li>• ±1 = sbrinamento</li> <li>• ±2 = set ridotto</li> <li>• ±3 = ausiliario</li> <li>• ±4 = micro-porta</li> <li>• ±5 = allarme esterno</li> <li>• ±6 = stand-by</li> <li>• ±7 = pressostato</li> <li>• ±8 = abbattimento rapido</li> <li>• ±9 = luce</li> <li>• ±10 = risparmio energetico</li> </ul> <p><b>Nota:</b></p> <ul style="list-style-type: none"> <li>• segno "+" indica che l'ingresso è attivo se il contatto è chiuso.</li> <li>• segno "-" indica che l'ingresso è attivo se il contatto è aperto.</li> </ul>	-10...+10	num		0	0	0	0
H21	<p>Configuration of digital output 1 (Out1).</p> <ul style="list-style-type: none"> <li>• 0 = disabled</li> <li>• 1 = compressor</li> <li>• 2 = defrost</li> <li>• 3 = evaporator fans</li> <li>• 4 = alarm</li> <li>• 5 = auxiliary</li> <li>• 6 = stand-by</li> <li>• 7 = light</li> <li>• 8 = buzzer</li> <li>• 9 = compressor 2</li> <li>• 10 = reserved</li> <li>• 11 = condenser fans</li> <li>• 12 = heater deadband control</li> <li>• 13 = reserved</li> </ul>	0...13	num		1	1	1	1
H22	<p>Configuration of digital output 2 (Out2).</p> <ul style="list-style-type: none"> <li>• 0 = disabled</li> <li>• 1 = compressor</li> <li>• 2 = defrost</li> <li>• 3 = evaporator fans</li> <li>• 4 = alarm</li> <li>• 5 = auxiliary</li> <li>• 6 = stand-by</li> <li>• 7 = light</li> <li>• 8 = buzzer</li> <li>• 9 = compressor 2</li> <li>• 10 = reserved</li> <li>• 11 = condenser fans</li> <li>• 12 = heater deadband control.</li> </ul>	0...12	num		2	2	2	2
H23	<p>Configuration of digital output 3 (Out3). Same as H22.</p>	0...12	num		3	3	3	3
H25	<p>Enables/disables the buzzer.</p> <ul style="list-style-type: none"> <li>• 0 = disabled</li> <li>• 1 = enabled.</li> </ul>	0/1	flag		1	1	1	1
H31	<p>Configuration of Δ key.</p> <ul style="list-style-type: none"> <li>• 0 = disabled</li> <li>• 1 = defrost</li> <li>• 2 = auxiliary</li> <li>• 3 = reduced set</li> <li>• 4 = stand-by</li> <li>• 5 = reserved</li> <li>• 6 = reserved</li> <li>• 7 = deep cooling</li> <li>• 8 = light.</li> </ul>	0...8	num		1	1	1	1
H32	<p>Configuration of ∇ key. Same as H31.</p>	0...8	num		0	0	0	0
H33	<p>Configuration of ◊ key. Same as H31.</p>	0...8	num		4	4	4	4
H34	<p>Configuration of ⚡ key. Same as H31.</p>	0...8	num		0	0	0	0
H35	<p>Configuration of ☆ key. Same as H31.</p>	0...8	num		0	0	0	0

Parameter	Description	Range	MU	Custom	Default	AP1	AP2	AP3
<b>H42</b>	Probe Pb2 present. <ul style="list-style-type: none"> <li>n(0) = not present</li> <li>y(1) = present.</li> </ul>	n/y	flag		y	y	y	y
<b>H60</b>	Display selected application. <b>0</b> = disabled; <b>1</b> = AP1; <b>2</b> = AP2; <b>3</b> = AP3.	0...3	num		1 (not in applications)			
<b>tAb</b>	Reserved: read-only parameter.	/	/		/ (not in applications)			
<b>FPr (UNICARD)</b>								
<b>UL</b>	Transfer of the programming parameters from the controller to the UNICARD.	/	/		- (not in applications)			
<b>Fr</b>	UNICARD formatting. Deletes all data on the UNICARD. <b>Note:</b> the use of parameter <b>Fr</b> results in the loss of all data entered. This operation cannot be reversed.	/	/		- (not in applications)			
<b>FnC (Functions)</b>								
<b>tAL</b>	Force alarm acknowledgment	/	/		- (not in applications)			
<b>rAP</b>	Reset pressure switch alarms	/	/		- (not in applications)			
<b>Cnt</b>	Reset TelevisAir diagnostic counters (see Reset TelevisAir diagnostic counters)	/	/		- (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.



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