

LISTA PARAMETRI ECH 210 ETA

parametro	descrizione	un. Misura	valore
G01	"Cooling" set point	°C	12
G02	"Heating" set point	°C	40
H01	Maximum set point during heating		60
H02	Minimum set point during heating		30
H03	Maximum set point during cooling		20
H04	Minimum set point during cooling		10
H05	AI1 Configuration	n°	1
H06	AI2 Configuration	n°	1
H07	AI3 Configuration	n°	1
H08	AI4 Configuration	n°	3
H09	Bottom of scale pressure value		300
H10	Polarity ID1	n°	1
H11	Polarity ID2	n°	1
H12	Polarity ID3	n°	1
H13	Polarity ID4	n°	1
H14	Polarity ID5	n°	1
H15	Polarity AI1		1
H16	Polarity AI2		1
H17	Polarity AI4		1
H18	Configuration ID3	n°	2
H19	Configuration ID4	n°	0
H20	Configuration ID5	n°	4
H21	Configuration AI4 if digital input		4
H22	Configuration relay 2	n°	0
H23	Configuration relay 3	n°	0
H24	Configuration relay 4	n°	0
H25	Optional analogue output configuration		0
H26	Configuration of serial protocol (not used)		0
H27	Selection of operating mode	n°	0
H28	Presence of heat pump	n°	1
H29	Heating mode set point		10
H30	Mode selection differential		15
H31	Enable dynamic set point	n°	0
H32	Dynamic set point offset in cooling mode		5
H33	Dynamic set point offset in heating mode		5
H34	Outdoor temperature set point in cooling mode		13
H35	Outdoor temperature set point in heating mode		22
H36	Outdoor temp. dynamic set point differential in cooling		5
H37	Outdoor temp. dynamic set point differential in heating		5

H38	Reversing valve polarity	n°	0
H39	offset AI1	°C	0
H40	offset AI2	°C	0
H41	offset AI3	°C	0
H42	offset AI4	°C	0
H43	Mains frequency		0
H44	Family serial address		0
H45	Device serial address		0
H46	User password		47
H47	Copy card write password		1
H48	Number of compressors per circuit	n°	1
H49	Enable pressure/temperature based operation		3
H50	Compressor on sequence		1
H51	Compressor 2 or capacity step polarity		0
H52	Selection of degrees °C or °F	n°	0
C01	ON-OFF safety time	secondi	18
C02	ON-ON safety time	secondi	36
C03	Cooling regulation algorithm hysteresis	°C	1,5
C04	Heating regulation algorithm hysteresis	°C	1,5
C05	Regulation algorithm step intervention differential		2,2
C06	Compressor 1 – compressor 2 (step) on interval		10
C07	Compressor 1 – compressor 2 (step) off interval		3
F01	Fan output configuration		0
F02	Fan pick-up time		50
F03	Fan phase shift		5
F04	Impulse duration of triac on		30
F05	Functioning in response to compressor request		0
F06	Minimum speed during cooling		35
F07	Silent speed during cooling		100
F08	Minimum fan speed temperature/pressure set point during cooling		250
F09	Prop. band during cooling		200
F10	Cut-off differential		30
F11	Cut-off hysteresis		10
F12	Cut-off bypass time		0
F13	Maximum speed during cooling		100
F14	Maximum fan speed temperature/pressure set point in cooling mode		450
F15	Minimum speed during heating		40
F16	Silent speed during heating		90
F17	Minimum fan speed temperature/pressure set point during heating		200
F18	Proportional band during heating		150

F19	Maximum speed during heating		100
F20	Maximum fan speed temperature/pressure set point during heating		50
F21	Internal fan step differential		2
F22	Internal fan step hysteresis		1
F23	Hot start set point		50
F24	Hot start hysteresis		1
F25	Preventilation in cooling mode		30
A01	Low pressure pressure switch bypass time after comp. on	secondi	80
A02	Low pressure alarm events per hour	n°	2
A03	Bypass flow switch after pump on	secondi	5
A04	Duration of active flow switch input	secondi	10
A05	Duration of inactive flow switch input	secondi	0
A06	Number of flow switch alarm events per hour	n°	0
A07	Compressor thermal switch bypass following comp. on	secondi	0
A08	Compressor 1/2 thermal switch alarm events per hour		0
A09	Fan thermal switch alarm events per hour		0
A10	Anti-freeze alarm bypass after ON-OFF	secondi	0
A11	Anti-freeze alarm set point	°C	3
A12	Anti-freeze alarm hysteresis	°C	1
A13	Anti-freeze alarm events per hour	n°	0
A14	Analogue input high pressure set point		600
A15	Analogue input high pressure hysteresis		10
A16	Analogue input low pressure bypass		10
A17	Analogue input low pressure set point		-300
A18	Analogue input low pressure hysteresis		0
A19	Analogue input low pressure alarm events per hour		255
A20	Machine out of coolant differential		30
A21	Machine out of coolant bypass		30
A22	Machine out of coolant duration		120
A23	Machine out of coolant alarm activation		0
A24	Enable low pressure alarm during defrosting		0
A25	Over-temperature set point		90
A26	Over-temperature ON duration		10
P01	Pump operating mode	n°	1
P02	Delay between pump ON and compressor ON	secondi	60
P03	Delay between compressor OFF and pump OFF	secondi	60
r01	Configuration of electrical heaters in defrost mode		1
r02	Configuration of electrical heaters on in cooling mode		1
r03	Configuration of electrical heaters on in heating mode		1

r04	Configuration of anti-freeze electrical heater control probe in heating mode	0
r05	Configuration of anti-freeze electrical heater control probe in cooling mode	1
r06	Configuration of electrical heaters when OFF or on stand-by	1
r07	Set point of anti-freeze electrical heaters in heating mode	10
r08	Set point of anti-freeze electrical heaters in cooling mode	4
r09	Maximum set point of anti-freeze electrical heaters	10
r10	Minimum set point of anti-freeze electrical heaters	2
r11	Anti-freeze heater hysteresis	1
r12	Set point of external anti-freeze electrical heaters	5
r13	Outdoor temperature set point for boiler on	10
r14	Outdoor temperature differential for boiler off	2
d01	Defrost enabled	1
d02	Defrost start temperature/pressure	0
d03	Defrost interval (response time)	2
d04	Defrost end temperature/pressure	200
d05	Maximum defrost time	5
d06	Compressor-reversing valve wait time	50
d07	Drip time	50
d08	Temperature at which defrost starts if Pa H49= 1	8
d09	Temperature at which defrost ends if Pa H49= 1	28
d10	Enable defrost compensation	1
d11	Defrost temperature/pressure compensation offset	-250
d12	Defrost temperature/pressure compensation set point	13
d13	Defrost temperature/pressure compensation delta	-25