LIST OF PARAMETERS AND DEFAULT VALUES

UNIT = SERIAL N. = **HF** DATE = SOFTWARE = **JREF_14_03** PGD3 code = **--**

pCO addr.= **01** PGD addr.= **25** EVD200 n.1 addr.= EVD200 n.2 addr.= pCOXS addr.= **--** PGD3 addr.= **--**

Scr.	Par.	Description	Default	Special value	Range
		Maintenance			
A0b	1	Change language pressing ENTER key	English		English, Italian, French, German, Dutch, Russian, Polish, Hungarian
A5	1	Enter password	----		0-9999
A6	1	Modify compressor circuit 1 operating hours	0		0-99 . 0-999
A6	2	Modify compressor circuit 2 operating hours	0		0-99 . 0-999
A7	1	Modify main fan operating hours	0		0-99 . 0-999
A7	2	Humidifier opearating hours reset	No		No-Yes
A8	1	Device operating hour threshold: mainfan	99		0-99
A8	2	Device operating hour threshold: compr. Circuit 1	99		0-99
A8	3	Device operating hour threshold: compr. Circuit 2	99		0-99
A9	1	Humidity probe calibration	0		-9.9 – 9.9
A9	2	Condensing pressure probe 1 calibration	0		-9.9 – 9.9
A9	3	Condensing pressure probe 2 calibration	0		-9.9 – 9.9
Aa	1	Room temperature probe calibration	0		-9.9 – 9.9
Aa	2	External temperature probe calibration	0		-9.9 – 9.9
Aa	3	Supply temperature probe calibration	0		-9.9 – 9.9
Ab	1	Water inlet temperature probe calibration	0		-9.9 – 9.9
Ab	2	Condensing temperature probe 1 calibration	0		-9.9 – 9.9
Ab	3	Condensing temperature probe 2 calibration	0		-9.9 – 9.9
Ab2	1	Freecooling function: coil temperature probe calibration	0		-9.9 – 9.9
Ac	1	Manual activation of digital outputs 1 – 2 – 3	Off		Off – On
Ad	1	Manual activation of digital outputs 4 – 5 – 6	Off		Off – On
Ae	1	Manual activation of digital outputs 7 – 8 – 9	Off		Off – On
Af	1	Manual activation of digital outputs 10 – 11 – 13	Off		Off – On
Ag	1	Manual activation of modulating outputs 1 – 2	0		0-10.0
Ah	1	Manual activation of modulating outputs 3 – 4	0		0-100
Ai	1	Manual activation of pre wash built-in humidifier	No		No-Yes
Ai	2	Manual activation of total water drain built-in humidifier.	No		No-Yes
Ai1	1	Hum.management: periodic drain enable	No		No-Yes
Ai1	2	Hum.management: periodic drain period	120		0-120
Ai2	1	Hum.management: stop delay	0		0-120
Ai2	2	Hum.management: drain for inactivity period	3		1-199
Ai3	1	Hum.management: threshold running hours	4000		1000-8000
Ai4	1	Hum.management: manual conductivity enable	No		No-Yes
Ai4	2	Hum.management: manual conductivity value	0		0-2000
Aj	1	Driver 1 valve control mode	Automatic		Auto-Man.
Aj	2	Driver 1 valve manual opening steps	0		0-9999
Ak	1	Driver 2 valve control mode	Automatic		Auto-Man.
Ak	2	Driver 2 valve manual opening steps	0		0-9999
Al	1	Driver 1 manual release on start-up	No		No-Yes
Am	1	Driver 2 manual release on start-up	No		No-Yes
An	1	Enter new Maintenance password	----		0-9999
		Clock			
K0	1	Hour setting	current hour		0-23
K0	2	Minute setting	current minutes		0-59
K0	3	Day setting	current day		1-31
K0	4	Month setting	current month		1-12
K0	5	Year setting	current year		0-99
K1	1	Enter Clock password	----		0-9999
K2	1	Enable temperature / humidity / On-Off time bands	No / No / No		No-Yes
K3	1	Start and end hour for On-Off time bands F1-1and F1-2	9 / 13 / 14 / 21		0-23
K3	2	Start and end min. for On-Off time bands F1-1 and F1-2	0 / 0 / 0 / 0		0-59
K4	1	Start and end hour for On-Off time band F2	14 / 21		0-23
K4	2	Start and end minutes for On-Off time band F2	0 / 0		0-59
K5	1	Select On-Off time bands (F1,F2,F3,F4) for each day	F3		F1-F2-F3-F4
K6	1	Start hour temperature bands 1 and 2	0 / 6		0-23
K6	2	Start minutes temperature bands 1 and 2	0 / 0		0-59
K6	3	Set point temperature bands 1 and 2	23.0 / 23.0		see P1
K7	1	Start hour temperature bands 3 and 4	12 / 18		0-23
K7	2	Start minutes temperature bands 3 and 4	0 / 0		0-59

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Scr.	Par.	Description	Default	Special value	Range
K7	3	Set point temperature bands 3 and 4	23.0 / 23.0		see P1
K8	1	Start hour humidity bands 1 and 2	0 / 6		0-23
K8	2	Start minutes humidity bands 1 and 2	0 / 0		0-59
K8	3	Set point humidity bands 1 and 2	50.0 / 50.0		see P2
K9	1	Start hour humidity bands 3 and 4	12 / 18		0-23
K9	2	Start minutes humidity bands 3 and 4	0 / 0		0-59
K9	3	Set point humidity bands 3 and 4	50.0 / 50.0		see P2
Ka	1	Enter new Clock password	----		
		Setpoint Menu			
S1	1	Temperature set point	23.0		see P1
S1	2	Humidity set point	50.0		see P2
S2	1	Emergency temperature set point for dual cooling	28.0		see P1
S3	1	Air flow setpoint (AFC = air flow control)	15000		0-40000
S4	1	Delta P setpoint (AFC = air flow control)	30.0		0-50.0
		User Menu			
P0	1	Enter user password	----		0-9999
P1	1	Enable temperature set point limits	Yes		No-Yes
P1	2	Minimum and maximum temperature set point limits	20.0 / 30.0		-999.9-999.9
P2	1	Enable humidity set point limits	Yes		No-Yes
P2	2	Minimum and maximum humidity set point limits	40.0 / 60.0		0.0-100.0
P3	1	Differential in Cooling and Heating	3.0 / 3.0		0.0-100.0
P3	2	Temperature dead zone	0.5		0.0-99.9
P4	1	Differential in Humidification and Dehumidification	4.0 / 4.0		0.0-99.9
P4	2	Dehumidification / Humidification dead zone	2.0		0.0-99.9
P5	1	Show language screen at start-up	No		No-Yes
P5	2	Switch unit off from button	Yes		No-Yes
P5	3	Enable remote On-Off digital input	Yes		No-Yes
P6	1	Freecooling set point (delta T)	3.0		0-99.9
P6	2	Freecooling differential	2.0		0-99.9
P7	1	Enable compensation function	No		No-Yes
P7	2	Outside air compensation set point	25.0		-999.9-999.9
P7	3	Outside air compensation differential	3.0		-999.9-999.9
P7	4	Offset maximum of compensation of the set of temperature	2.0		-999.9-999.9
P8	1	High and low room temperature alarms offset respect the setpoint	10.0 / 10.0		-999.9-999.9
P9	1	High and low room humidity alarms offset respect the setpoint	20.0 / 30.0		0-100.0
Pa	1	Enable supply limit function	No		No-Yes
Pa	2	Supply air set point for the limitation function	12.0		-999.9-999.9
Pa	3	Supply air differential for the limitation function	5.0		-999.9-999.9
Pa2	1	High water temperature alarm: enable	No		No-Yes
Pa2	2	High water temperature alarm: offset	0		-999.9-999.9
Pb	1	Assign type of alarm Serious/Not seriuos AL01-AL20	SSSSS SNNSN NNNNN NNNNN		N-S
Pc	1	Assign type of alarm Serious/Not seriuos AL21-AL40	NNNNN NNNNN SSSNS NSNNS		N-S
Pd	1	Assign type of alarm Serious/Not seriuos AL41-AL60	NNNNN NNNNN NNNNN NNNNN		N-S
Pe	1	Assign type of alarm Serious/Not seriuos AL61-AL80	NNNNN NNNNN NNSNN NNNNN		N-S
Pe2	1	Assign type of alarm Serious/Not seriuos AL81-AL82	NN		N-S
Pe3	1	Alarm digital outputs logic type	N.O.		N.O.-N.C
Pf	1	Board identification number for supervisory network	1		0-200
Pf	2	Board communication speed for supervisory network	19200		1200-19200
Pf	3	Serial communication protocol	Carel		Carel, Modbus, Lon, RS232, Gsm
Pg	1	Number of rings for GSM modem	0		0-9
Pg	2	Enter mobile number with GSM modem	0		0…9,#,*,@,^
Pg	3	GSM modem password	0		0-9999
Pg	1	Max. telephone numbers with analogue modem	0		0-9

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Scr.	Par.	Description	Default	Special value	Range
Pg	2	Telephone book number with analogue modem	0		0-Pg 1
Pg	3	Enter telephone number with analogue modem	-		0…9,#,*,@,^
Pg	4	Modem password	0		0-9999
Ph	1	Number of rings for analogue modem	0		0-9
Ph	2	Type of analogue modem	Tone		Tone-Pulse
Pi	1	Enter new user password	----		0-9999
		Manufacturer -> Configuration			
C0	1	Enable BMS	No		No-Yes
C0	2	Enable printer	No		No-Yes
C0	3	Select unit of measure for temperature probes and parameters	ºC		ºC-ºF
C0	4	Enable clock board	No		No-Yes
C1	1	Type of unit	DX		DX-CW-DUAL
C1	2	Select refrigerant	R407C		R22, R134a, R404a, R407C, R410A
C1b	1	Normal mode selection	KEYBOARD		KEYBOARD - DIG.INPUT
C1b	2	Dual cooling: normal mode	DX		DX-CW
C1b	3	Dual cooling: emergency mode	CW		DX-CW
C2	1	Number of compressors	1		1-2-4
C2	2	Balanced compressor startup order	Yes		No-Yes
C2	3	Heating mode	Heaters		Heaters-Battery
C2	4	Number of heaters	0		0-1-2-Binary
C2	5	Type of valve for heating battery	0-10V		0-10V / 3 points
C3	1	Battery 1 type	Cool		C/H-Cool
C3	2	Type of valve for the battery 1	0-10V		0-10V / 3 points
C3	3	Heating mode	Heaters		Heaters-Battery 2
C3	4	Number of heaters	0		0-1-2-Binary
C3	5	Type of valve for battery 2	0-10V		0-10V / 3 points
C5	1	Digital input 12 configuration	Al.water flood		Al.fire/smoke, Al.water flood, Al.fire/smoke + water flood
C5	2	Switch off unit with Fire/smoke - Water flood alarm (DX unit)	No		No-Yes
C6	1	Switch off unit with Water flood alarm (CW unit)	No		No-Yes
C6	2	Switch off unit with Fire/smoke alarm (CW unit)	Yes		No-Yes
C7	1	Digital output 13 configuration	Light alarm relay		Freecooling dry cooler, Light alarm relay
C8	1	Analog input 2 configuration	Pressure circ. 1		Pressure Circ. 1, Temp. Circ.1, Supply air temp.
C9	1	Analog input 3 configuration	Pressure circ. 2		Pressure Circ. 1, Temp. Circ.1, Water In temp.
Ca	1	External humidifier: enable	No		No-Yes
Ca	2	External humidifier: type	0-10V		0-10V, On/Off
Cb	1	Config. of analog output Y1 of pCO1	Main fan		Not used, Main fan, Cooling valve, Heating valve, Single valve, Freecooling, Ext.humidifier, Dry-cooler, Cond.fan 1, Cond.fan 2, Hot gas valve, Inverter 1, Inverter 2, Dynamic Setpoint
Cb	2	Config. of analog output Y2 of pCO1	not used		*Same range as Cb-1*
Cb2	1	Config. of analog output Y3 of pCO1	not used		*Same range as Cb-1*
Cb2	2	Config. of analog output Y4 of pCO1	not used		*Same range as Cb-1*
Cc	1	Freecooling damper-valve enable	No		No-Yes
Cc	2	Main analog fan present	Yes		No-Yes
Cd	1	Enable condensation function	No		No-Yes
Cd	2	Type of condenser	Single		Single-Separat.
Cd	3	Condensing output type	Inverter		Inverter-Steps

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Scr.	Par.	Description	Default	Special value	Range
Cd	4	Select number of condensing fans	1		1-2
Ce	1	Maximum voltage threshold for Triac	92,0		0-100,0
Ce	2	Minimum voltage threshold for Triac	7,0		0-100,0
Ce	3	Duration of Triac impulse	2,0		0-10,0
Cf	1	Logic of the dehumidification contact	NO		NO-NC
Cf	2	Number of compressors enabled for dehumidification	0		0-2
Cf	3	Enable cooling coil for dehumidification	No		No-Yes
Cf	4	Enable built-in humidifier	No		No-Yes
Cg	1	Type of humidifier	3 Kg/h 400V 3Ph		3 Kg/h / 8 Kg/h / 15 Kg/h
Cg	2	Drain pump presence	No		No-Yes
Cg	3	Maximum production	70.0		0-100.0
Cg	4	Humidifier board type	PCOUMID200		PCOUMID200- PCOUMID000
Ch	1	Enable humidity probe	No		No-Yes
Ch	2	Type of signal from the humidity probe	Current		0-1V, 0-10V, Current
Ch	3	Minimum and maximum value measured by the humidity probe	10.0 / 90.0		0-100.0
Ci	1	Enable pressure probe 1	No		No-Yes
Ci	2	Type of signal pressure probe 1	Current		0-1V, 0-10V, Current
Ci	3	Minimum and maximum value pressure probe 1	0.0 / 30.0		-20.0 - 50.0
Cj	1	Enable pressure probe 2	No		No-Yes
Cj	2	Type of signal pressure probe 2	Current		0-1V, 0-10V, Current
Cj	3	Minimum and maximum value pressure probe 2	0.0 / 30.0		-20.0 - 50.0
Ck	1	Room temperature probe type	NTC		NTC-PT1000
Ck	2	Enable supply air temperature probe	Yes		No-Yes
Ck	3	Type of signal from supply air temperature probe	NTC		NTC-PT1000
Cl	1	Selection of usage of temperature probe on input B8	External air		External air / Water outlet
Cl	2	Enable temperature probe input B8 (External air / water outlet temperature probe)	No		No-Yes
Cl	3	Type of signal from external temperature probe	NTC		NTC-PT1000
Cl	4	Enable water inlet temperature probe	No		No-Yes
Cl	5	Type of signal from water inlet temperature probe	NTC		NTC-PT1000
Cm	1	Enable condenser 1 temperature probe	No		No-Yes
Cm	2	Type of signal from condenser 1 temperature probe	NTC		NTC-PT1000
Cm	3	Enable condenser 2 temperature probe	No		No-Yes
Cm	4	Type of signal from condenser 2 temperature probe	NTC		NTC-PT1000
Cn	1	LAN unit configuration Unit 1 (U1)	Present/No rotat.		Present/Rotation, Present/No rotat., Not present
Cn	2	LAN unit configuration Unit 2 - 3 (U2 - U3)	Not present Not present		Present/Rotation, Present/No rotat., Not present
Co	1	LAN unit configuration Unit 4 - 5 - 6 (U4 - U5 - U6)	Not present Not present Not present		Present/Rotation, Present/No rotat., Not present
Cp	1	LAN unit configuration Unit 7 -8 (U7 - U8)	Not present Not present		Present/Rotation, Present/No rotat., Not present
Cr	1	Enable expansion card	No		No-Yes
Cr	2	Enable expansion card alarm	Yes		No-Yes
Cr	3	Expansion card alarm delay	120		0-999
Cr2	1	Config. of analog output Y of pCOE	Not used		Not used, Main fan, Cooling valve, Heating valve, Single valve, Freecooling, Ext.humidifier, Dry-cooler, Cond.fan 1, Cond.fan 2, Hot gas valve, Inverter 1, Inverter 2, Dynamic Setpoint
Cs	1	Hot gas type	Freecooling		Not present, Hot gas On/Off, Hot gas modul., Hot gas bypass
Cs	2	Hot gas modulating valve type	ALCO EX5-EX6		0-11
Ct	1	Freecooling system enable	No		No-Yes
Ct	2	Freecooling type	Air		Air - Water
Ct	3	Water coil temperature probe presence	No		No-Yes

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Scr.	Par.	Description	Default	Special value	Range
Cu	1	Enable precise function	No		No-Yes
Cu	2	Enable electrical heater forcing	No		No-Yes
Cv	1	Differential pressure probe enable	No		No-Yes
Cv	2	Differential pressure probe config. min. input	3200		0-32767
Cv	3	Differential pressure probe config. max. input	16000		0-32767
Cv	4	Differential pressure probe config. min. output	0		0-32767
Cv	5	Differential pressure probe config. max. output	10000		0-32767
Cw	1	Differential pressure probe type	Air Flow		Air Flow - Delta P
Cw	2	Main fan number	2		No-Yes
Cw	3	Main fan type	R3G560		R3G450 - R3G500 - R3G560 - R3G630 - R3G630UF
Cw2	1	Enable automatic air flow control	No		No-Yes
Cx	1	Enable inverter presence	No		No-Yes
Cx	2	Frequency inverter input type	0-5V		0-5V - 4-20mA
Cy	1	Long distance between unit and condenser enable	No		No-Yes
		Manufacturer -> Parameters			
G0	1	Enable compressors/cooling battery together with freecooling damper-valve	No		No-Yes
G1	1	Enable FIFO compressor rotation	Yes		No-Yes
G1	2	Temperature regulation type	Prop.		Prop. - P+I
G1	3	Temperature regulation probe (only with CW unit and 0-10V valve)	Inlet		Inlet - Outlet
G2	1	Starting point to open modulating valve in cooling (or single valve) with freecooling (see G0)	50.0		0.0-100.0
G2	2	Starting and end point to open modulating valve in cooling (or single valve)	0.0 / 100.0		0.0-100.0
G3	1	Starting point to open 3 position valve in cooling (or single valve) with freecooling (see G0)	50.0		0.0-100.0
G3	2	Starting and end point to open 3 position valve in cooling (or single valve)	0.0 / 100.0		0.0-100.0
G4	1	Starting and end point to open modulating valve in heating	0.0 / 100.0		0.0-100.0
G5	1	Starting and end point to open 3 position valve in heating	0.0 / 100.0		0.0-100.0
G6	1	Starting and end point to open modulating damper-valve in freecooling	0.0 / 50.0		0.0-100.0
G7	1	Minimum and maximum main fan speed	6.0 / 6.0		0.0-10.0
G7	2	Main fan speed during dehumidification / alarm with AFC	6.0		0.0-10.0
G8	1	Starting and end point to open modulating humid. output	0.0 / 10.0		0.0-10.0
G9	1	Temperature differential to stop dehumidification	2.0		0-99.9
G9	2	Temperature offset to restart dehumidification	1.5		0-99.9
Ga	1	Enable water drain for set point reduction	Yes		No-Yes
Ga	2	Enable drain for extended humidifier standby	Yes		No-Yes
Ga	3	Enable humidifier alarm messages	Yes		No-Yes
Ga2	1	Enable humidifier lack of water alarm	Yes		No-Yes
Gb	1	High conductivity pre-alarm threshold	1500		0-2000
Gb	2	High conductivity alarm delay	2000		0-2000
Gc	1	Drain time as % of the manufacturer value	100		50-200
Gc	2	Drain frequency % of the manufacturer value	100		50-200
Gd	1	High pressure alarm set point	26.5		-99.9 - 99.9
Gd	2	High pressure alarm differential	1.0		-99.9 - 99.9
Ge	1	Condensing (pressure) set point	15.0		-99.9 - 99.9
Ge	2	Condensing (pressure) differential	5.0		-99.9 - 99.9
Ge	3	Modulating condensing fan speed-up time	2		0-999
Gf	1	Condensing (temperature) set point	55.0		-99.9 - 99.9
Gf	2	Condensing (temperature) differential	1.0		-99.9 - 99.9
Gf	3	Modulating condensing fan speed-up time	10		0-999
Gg	1	Maximum mod. cond. fan speed	10.0		0-10,0
Gg	2	Minimum mod. cond. fan speed	2.0		0-10,0
Gh	1	Enable high pressure alarm Prevent function	Yes		No-Yes
Gh	2	Prevent function set point (pressure)	20.0		-99.9 - 99.9
Gh	3	Prevent function differential (pressure)	2.0		-99.9 - 99.9
Gi	1	Enable high pressure alarm Prevent function	Yes		No-Yes
Gi	2	Prevent function set point (temperature)	70.0		-99.9 - 99.9

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Scr.	Par.	Description	Default	Special value	Range
Gi	3	Prevent function differential (temperature)	1.0		-99.9 - 99.9
Gj	1	Enable Master Control function to avoid contemporaneous working in different units	No		No-Yes
Gk	1	Rotation mode for units in pLAN network	Automatic		Automatic,Timezones, Running hours
Gk	2	Number of units set in Standby mode	0		0-Number of unit in Present/Rotat. mode
Gk	3	Stand-by units step in Standby mode	1		1-2
Gk	4	Automatic rotation period for units in pLAN	24		1-240
Gl	1	Timezones rotation hour for units in pLAN network	22		0-23
Gl	2	Timezones rotation minutes for units in pLAN network	0		0-59
Gl	3	Interval in days for timezones rotation in pLAN network	3		1-7
Gm	1	Enable Force units by temperature in pLAN network	No		No-Yes
Gm	2	Forcing delay for low and high ambient temperature	3 / 3		0-999
Gn	1	Low ambient temp. diff. for forcing units in network	8		0-99.9
Gn	2	Low ambient temp. offset for forcing units in network	4		0-99.9
Go	1	High room temp. diff. for forcing units in network	8		0-99.9
Go	2	High room temp. offset for forcing units in network	4		0-99.9
Gp	1	Analog supply fan speed setting	80		0-100
Gq	1	Freecooling dry-cooler ext. temperature control enable	Yes		No-Yes
Gq	2	Freecooling external temperature differential	10.0		0-99.9
Gq	3	Centralized dry-cooler management	No		No-Yes
Gr	1	Freecooling dry-cooler ext. condensing control setpoint	30.0		0-99.9
Gr	2	Freecooling dry-cooler ext. condensing control different.	10.0		0-99.9
Gs	1	Freecooling dry-cooler maximum speed	100.0		0-999.9
Gs	2	Freecooling dry-cooler maximum speed	0.0		0-999.9
Gs	3	Water low limit	7.0		0-99.9
Gt	1	Coil antifreeze alarm enable	Yes		No-Yes
Gu	1	Coil antifreeze alarm setpoint	-02.0		-99.9-+99.9
Gu	2	Coil antifreeze alarm differential	10.0		0-99.9
Gu	3	Coil antifreeze alarm delay	120		0-999
Gv	1	Precise function offset	1.5		-99.9-+99.9
Gv	2	Electrical heater forcing: setpoint (respect the hot gas valve opening)	100		0-100
Gv	3	Electrical heater forcing: differential (respect the hot gas valve opening)	50		0-100
Gv2	1	Hot gas valve: minumum value	0		0-100.0
Gv2	2	Hot gas valve: maximum value	90.0		0-100.0
Gw	1	Fan speen control PID: proportional	2000		0-32767
Gw	2	Fan speen control PID: integral time	60		0-32767
Gw	3	Fan speen control PID: derivative time	0		0-200
Gx	1	Fan speen control PID: input selection	FILTERED		MEDIUM-FILTERED
Gx	2	Fan speen control PID: dead zone	0		0-1000
Gx	3	Fan speen control PID: period	1000		0-10000
Gy	1	PID filter enable	No		No-Yes
Gy	2	PID filter maximum step Q1	10		1-100
Gy	3	PID filter minimum step Q1	1		1-100
Gy	4	Fan out filter enable	Yes		No-Yes
Gy	5	Fan out maximum step Q1	10		1-100
Gy	6	Fan out minimum step Q1	1		1-100
Gz	1	Probe filter enable	Yes		No-Yes
Gz	2	Probe filter maximum step Q1	100		1-100
Gz	3	Probe filter minimum step Q1	1		1-100
Gz	4	Input average of probe	5		1-9
Gz	5	Set for change between Q1 and Q2	50		0-20000
Gz	6	Differential for change between Q1 and Q2	20		0-20000
H1	1	Minimum frequency from inverter	30.0		0-999.9
H1	2	Maximum frequency from inverter	110.0		0-999.9
H1	3	Maximum frequency to inverter	100.0		0-999.9
H2	1	Inverter config.: startup frequency	45.0		0-999.9
H2	2	Inverter config.: startup period	60		0-999

LIST OF PARAMETERS AND DEFAULT VALUES

UNIT = SERIAL N. = **HF** DATE = SOFTWARE = **JREF_14_03** PGD3 code = **--**

pCO addr.= **01** PGD addr.= **25** EVD200 n.1 addr.= EVD200 n.2 addr.= pCOXS addr.= **--** PGD3 addr.= **--**

Scr.	Par.	Description	Default	Special value	Range
H2	3	Inverter config.: dehumidification frequency	0.0		0-999.9
H3	1	Enable automatic compressor oil drain fuction (with inverter or long distance kit)	Yes		No-Yes
H3	2	Automatic compressor oil drain fuction: activation period (with inverter or long distance kit)	5		0-9999
H3	3	Automatic compressor oil drain fuction: drain period (with inverter or long distance kit)	10		0-999
H4	1	Inverter alarm enable	Yes		No-Yes
H4	2	Inverter alarm logic type	N.O		N.C.-N.O
H5	1	Inverter compressor operating limit: enable	No		No-Yes
H6	1	Inverter compressor operating limit: HP->Max Hz (point 1)	28.0->110.0		-99.9 - 99.9 -> 0-999.9
H6	1	Inverter compressor operating limit: HP->Max Hz (point 2)	30.0->105.0		-99.9 - 99.9 -> 0-999.9
H7	1	Inverter compressor operating limit: HP->Max Hz (point 3)	36.0->95.0		-99.9 - 99.9 -> 0-999.9
H7	1	Inverter compressor operating limit: HP->Max Hz (point 4)	42.0->85.0		-99.9 - 99.9 -> 0-999.9
H7b	1	Inverter configuration: compressor 1 cut off	5.0		0 - 100.0%
H7b	2	Inverter configuration: compressor 2 cut off	5.0		0 - 100.0%
H7b	3	Percentual for start of compressor 2	40.0		0 - 100.0%
H8	1	Phase sequence alarm / power failure: enable	No		MAN-AUT
H8	2	Phase sequence alarm / power failure: reset type	MAN		MAN-AUT
H8	3	Phase sequence alarm / power failure: switch off the unit	Yes		No-Yes
H9	1	Phase sequence alarm / power failure: switch off compressors/valve	Yes		No-Yes
H9	2	Phase sequence alarm / power failure: switch off humidifier	Yes		No-Yes
H9	3	Phase sequence alarm / power failure: switch off electrical heaters	Yes		No-Yes
Ha	1	Dynamic setpoint: enable	No		No-Yes
Ha	2	Dynamic setpoint: min output signal	0.0		0.0 - 10.0
Ha	3	Dynamic setpoint: max output signal	5.0		0.0 - 10.0
		Manufacturer -> Carel EXV driver			
F0	1	Number of drivers connected	0		0-2
F0	2	Enable backup battery driver 1	No		No-Yes
F0	3	Enable backup battery driver 1	No		No-Yes
F1	1	Type of valve circuit 1	Carel E2V-E3V-E4V		0-11
F1	2	Superheating set point circuit 1	6.0		2.0-50.0
F1	3	Dead zone circuit 1	0		0-9.9
F2	1	Type valve circuit 2	Carel E2V-E3V-E4V		0-11
F2	2	Superheating set point circuit 2	6.0		2.0-50.0
F2	3	Dead zone circuit 2	0		0-9.9
F3	1	PID control – proportional gain circuit 1	10.0		0.0-99.9
F3	2	PID control – integration time circuit 1	100		0-999
F3	3	PID control – derivative time circuit 1	2.0		0.0-99.9
F4	1	PID control – proportional gain circuit 2	10.0		0.0-99.9
F4	2	PID control – integration time circuit 2	100		0-999
F4	3	PID control – derivative time circuit 2	2.0		0.0-99.9
F5	1	Threshold for low superheat protection circuit 1	2.0		-4.0 - 10.0
F5	2	Prot. threshold integration time, low superheat circuit 1	10.0		0-25.5
F6	1	Threshold for low superheat protection circuit 2	2.0		-4.0 - 10.0
F6	2	Prot. threshold integration time, low superheat circuit 2	10.0		0-25.5
F7	1	Percentage ratio between cooling capacity and Driver capacity C1	70		0-100
F7	2	Percentage ratio between cooling capacity and Driver capacity C2	70		0-100
F8	1	LOP threshold	-8.0		-70.0 - 50.0
F8	2	LOP threshold integration time	10.0		0-25.5
F9	1	MOP start delay	30		0-500

LIST OF PARAMETERS AND DEFAULT VALUES

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pCO addr.= **01** PGD addr.= **25** EVD200 n.1 addr.= EVD200 n.2 addr.= pCOXS addr.= **--** PGD3 addr.= **--**

Scr.	Par.	Description	Default	Special value	Range
F9	2	MOP threshold	14.0		-50.0 - 99.9
F9	3	MOP threshold integration time	20.0		0-25.5
Fa	1	High condensing temp. protection threshold	63.0		0-99.9
Fa	2	Integration time for high condensing temp. threshold	0.0		0-25.5
Fb	1	High suction temperature threshold	30.0		0-100.0
Fc	1	Custom Valve: minimum steps	0		0-8100
Fc	2	Custom Valve: maximum steps	1600		0-8100
Fd	1	Custom Valve: closing steps	3600		0-8100
Fd	2	Custom Valve: return steps	0		0-8100
Fe	1	Custom Valve: enable extra step in opening	No		No-Yes
Fe	2	Custom Valve: enable extra step in closing	No		No-Yes
Ff	1	Custom Valve: operating current	250		0-1000
Ff	2	Custom Valve: holding current	100		0-1000
Fg	1	Custom Valve: frequency	100		32-330
Fg	2	Custom Valve: duty cycle	50		0-100
Fh	1	Minimum evaporation pressure probe value	0.0		-9.9 - 10.0
Fh	2	Maximum evaporation pressure probe value	30.0		3.5 - 200.0
Fi	1	Low superheating alarm delay	0		0-3600
Fi	2	High suction temperature alarm delay	0		0-3600
Fj	1	LOP alarm delay	0		0-3600
Fj	2	MOP alarm delay	0		0-3600
Fk	1	Enable Forcing valve with Power+	No		No-Yes
Fk	2	Forced Value	50%		0-100
		Manufacturer -> Timing			
T0	1	Supply fan start and stop delay	10 / 20		0-999
T0b	1	Delay time among fan digital and analog output	0		0-999
T1	1	Integration time for P+I temperature control	600		0-999
T1	2	Travel time for 3 position valve	180		0-999
T2	1	Low pressure alarm delay: at startup	180		0-999
T2	2	Low pressure alarm delay: running	60		0-999
T2	3	High-low temperature-humidity alarm delays	600		0-9999
T3	1	Serious alarm activation delay	0		0-9999
T3	2	Not serious alarm activation delay	0		0-9999
T4	1	Air flow switch alarm delay	20		0-9999
T4	2	Water flow switch alarm delay	10		0-9999
T5	1	Minimum compressor off time	180		0-9999
T5	2	Minimum compressor on time	60		0-9999
T6	1	Delay between compressor starts	360		0-9999
T6	2	Minimum delay between starts of different compressors	10		0-999
T7	1	Cap. control activation delay	10		0-9999
T7a	1	Start delay between comps. of same circuit	30		0-999
T7b		Stop delay between comps. of same circuit	30		0-999
T8	1	Heater start among electrical heaters	3		0-9999
T9	1	Start delay between fan and other devices	0		0-999
Ta	1	High water temperature alarm delay (dual cooling)	1800		0-9999
Tb	1	Start Inverter alarm delay	20		0-999
Tb	2	Running Inverter alarm delay	20		0-999
Tc	1	Liquid solenoid valve with long distance kit	5		0-9999
Td	1	Phase sequence alarm / power failure: delay	0		0-600
		Manufacturer -> Initialization			
V0	1	Enter password to install the default values	----		0-9999
V1	1	Set to Yes to erase the alarm history	No		No-Yes
V2	1	Enter new manufacturer password	----		0-9999

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