

LIST OF PARAMETERS AND DEFAULT VALUES

UNIT = ----- SERIAL N. = ----- DATE = **01/10/2008** SOFTWARE = **TLC_01_04** PGD3 code = --
 pCO addr.= **01** PGD addr.= **25** EVD200 n.1 addr.= **09** EVD200 n.2 addr.= -- pCOXS addr.= -- PGD3 addr.= --

Scr.	Par.	Description	Default	Special value	Range	UOM
		Maintenance				
A0b	1	Change language pressing ENTER key	English		English, Italian, French, German, Dutch	
A5	1	Enter password	----		0-9999	
A6	1	Modify compressor circuit 1 operating hours	0		0-99 . 0-999	hours
A6	2	Modify compressor circuit 2 operating hours	0		0-99 . 0-999	hours
A7	1	Modify main fan operating hours	0		0-99 . 0-999	hours
A7	2	Humidifier opearating hours reset	No		No-Yes	
A8	1	Device operating hour threshold: mainfan	99	0	0-99	hours x 1000
A8	2	Device operating hour threshold: compr. Circuit 1	99	0	0-99	hours x 1000
A8	3	Device operating hour threshold: compr. Circuit 2	99	0	0-99	hours x 1000
A9	1	Humidity probe calibration	0		-9.9 – 9.9	%RH
A9	2	Condensing pressure probe 1 calibration	0		-9.9 – 9.9	bar
A9	3	Condensing pressure probe 2 calibration	0		-9.9 – 9.9	bar
Aa	1	Room temperature probe calibration	0		-9.9 – 9.9	°C / °F
Aa	2	External temperature probe calibration	0		-9.9 – 9.9	°C / °F
Aa	3	Supply temperature probe calibration	0		-9.9 – 9.9	°C / °F
Ab	1	Manual procedure setting: inlet tempearature (with Ck-1=Yes)	AUT		AUT-MAN	
Ab	2	Manual procedure value: inlet tempearature (with Ck-1=Yes)	0		-999.9 – 999.9	°C / °F
Ab	3	Manual procedure setting: outlet tempearature (with Ck-1=Yes)	AUT		AUT-MAN	
Ab	4	Manual procedure value: outlet tempearature (with Ck-1=Yes)	0		-999.9 – 999.9	°C / °F
Ab	5	Manual procedure setting: supply tempearature (with Ck-1=Yes)	AUT		AUT-MAN	
Ab	6	Manual procedure value: supply tempearature (with Ck-1=Yes)	0		-999.9 – 999.9	°C / °F
Ab2	1	Manual procedure setting: pressure circuit 1 (with Ck-1=Yes)	AUT		AUT-MAN	
Ab2	2	Manual procedure value: pressure circuit 1 (with Ck-1=Yes)	0		-999.9 – 999.9	bar
Ab2	3	Manual procedure setting: pressure circuit 2 (with Ck-1=Yes)	AUT		AUT-MAN	
Ab2	4	Manual procedure value: pressure circuit 2 (with Ck-1=Yes)	0		-999.9 – 999.9	bar
Ab2	5	Manual procedure setting: inlet humidity (with Ck-1=Yes)	AUT		AUT-MAN	
Ab2	6	Manual procedure value: inlet humidity (with Ck-1=Yes)	0		-999.9 – 999.9	%RH
Ac	1	Manual procedure setting: digital output 1 (with Ck-1=Yes)	AUT		AUT-MAN	
Ac	2	Manual procedure value: digital output 1 (with Ck-1=Yes)	Off		Off – On	
Ac	3	Manual procedure setting: digital output 2 (with Ck-1=Yes)	AUT		AUT-MAN	
Ac	4	Manual procedure value: digital output 2 (with Ck-1=Yes)	Off		Off – On	
Ac	5	Manual procedure setting: digital output 3 (with Ck-1=Yes)	AUT		AUT-MAN	
Ac	6	Manual procedure value: digital output 3 (with Ck-1=Yes)	Off		Off – On	
Ad	1	Manual procedure setting: digital output 4 (with Ck-1=Yes)	AUT		AUT-MAN	
Ad	2	Manual procedure value: digital output 4 (with Ck-1=Yes)	Off		Off – On	
Ad	3	Manual procedure setting: digital output 5 (with Ck-1=Yes)	AUT		AUT-MAN	
Ad	4	Manual procedure value: digital output 5 (with Ck-1=Yes)	Off		Off – On	
Ad	5	Manual procedure setting: digital output 6 (with Ck-1=Yes)	AUT		AUT-MAN	
Ad	6	Manual procedure value: digital output 6 (with Ck-1=Yes)	Off		Off – On	
Ae	1	Manual procedure setting: digital output 7 (with Ck-1=Yes)	AUT		AUT-MAN	
Ae	2	Manual procedure value: digital output 7 (with Ck-1=Yes)	Off		Off – On	
Ae	3	Manual procedure setting: digital output 8 (with Ck-1=Yes)	AUT		AUT-MAN	
Ae	4	Manual procedure value: digital output 8 (with Ck-1=Yes)	Off		Off – On	
Af	1	Manual procedure setting: digital output 1 of pCOE (with Ck-1=Yes)	AUT		AUT-MAN	
Af	2	Manual procedure value: digital output 1 of pCOE (with Ck-1=Yes)	Off		Off – On	
Af	3	Manual procedure setting: digital output 2 of pCOE (with Ck-1=Yes)	AUT		AUT-MAN	
Af	4	Manual procedure value: digital output 2 of pCOE (with Ck-1=Yes)	Off		Off – On	
Af2	1	Manual procedure setting: digital output 3 of pCOE (with Ck-1=Yes)	AUT		AUT-MAN	
Af2	2	Manual procedure value: digital output 3 of pCOE (with Ck-1=Yes)	Off		Off – On	
Af2	3	Manual procedure setting: digital output 4 of pCOE (with Ck-1=Yes)	AUT		AUT-MAN	
Af2	4	Manual procedure value: digital output 4 of pCOE (with Ck-1=Yes)	Off		Off – On	
Ag	1	Manual procedure setting: analog output 1 (with Ck-1=Yes)	AUT		AUT-MAN	
Ag	2	Manual procedure value: analog output 1 (with Ck-1=Yes)	0		0-10.0	Volt
Ag	3	Manual procedure setting: analog output 2 (with Ck-1=Yes)	AUT		AUT-MAN	
Ag	4	Manual procedure value: analog output 2 (with Ck-1=Yes)	0		0-10.0	Volt
Ah	1	Manual procedure setting: analog output 3 (with Ck-1=Yes)	AUT		AUT-MAN	

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Scr.	Par.	Description	Default	Special value	Range	UOM
Ah	2	Manual procedure value: analog output 3 (with Ck-1=Yes)	0		0-10.0	Volt
Ah	3	Manual procedure setting: analog output 4 (with Ck-1=Yes)	AUT		AUT-MAN	
Ah	4	Manual procedure value: analog output 4 (with Ck-1=Yes)	0		0-10.0	Volt
Ah2	1	Manual procedure setting: analog output 1 of pCOE (with Ck-1=Yes)	AUT		AUT-MAN	
Ah2	2	Manual procedure value: analog output 1 of pCOE (with Ck-1=Yes)	0		0-10.0	Volt
Aj	1	Driver 1 valve control mode	Automatic		Auto-Man.	
Aj	2	Driver 1 valve manual opening steps	0		0-9999	Steps
Ak	1	Driver 2 valve control mode	Automatic		Auto-Man.	
Ak	2	Driver 2 valve manual opening steps	0		0-9999	Steps
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	hours
K0	2	Minute setting	current minutes		0-59	minutes
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	hours
K3	2	Start and end min. for On-Off time bands F1-1 and F1-2	0 / 0 / 0 / 0		0-59	minutes
K4	1	Start and end hour for On-Off time band F2	14 / 21		0-23	hours
K4	2	Start and end minutes for On-Off time band F2	0 / 0		0-59	minutes
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	hours
K6	2	Start minutes temperature bands 1 and 2	0 / 0		0-59	minutes
K6	3	Set point temperature bands 1 and 2	23.0 / 23.0		see P1	°C / °F
K7	1	Start hour temperature bands 3 and 4	12 / 18		0-23	hours
K7	2	Start minutes temperature bands 3 and 4	0 / 0		0-59	minutes
K7	3	Set point temperature bands 3 and 4	23.0 / 23.0		see P1	°C / °F
K8	1	Start hour humidity bands 1 and 2	0 / 6		0-23	hours
K8	2	Start minutes humidity bands 1 and 2	0 / 0		0-59	minutes
K8	3	Set point humidity bands 1 and 2	50.0 / 50.0		see P2	%RH
K9	1	Start hour humidity bands 3 and 4	12 / 18		0-23	hours
K9	2	Start minutes humidity bands 3 and 4	0 / 0		0-59	minutes
K9	3	Set point humidity bands 3 and 4	50.0 / 50.0		see P2	%RH
Ka	1	Enter new Clock password	----			
		Setpoint Menu				
S1	1	Temperature set point	23.0	28.0	see P1	°C / °F
S1	2	Humidity set point	50.0		see P2	%RH
S2	1	Emergency temperature set point for dual cooling	28.0		see P1	°C / °F
S3	1	Air flow setpoint (AFC = air flow control)	15000		0-40000	m³/h
		User Menu				
P0	1	Enter user password	----		0-9999	
P1	1	Minimum and maximum temperature set point limits	20.0 / 30.0	28.0 / 31.0	-999.9-999.9	°C / °F
P2	1	Minimum and maximum humidity set point limits	40.0 / 60.0		0.0-100.0	%RH
P3	1	Differential in Cooling and Heating	3.0 / 3.0		0.0-100.0	°C / °F
P3	2	Temperature dead zone	0.5	0.0	0.0-99.9	°C / °F
P4	1	Differential in Humidification and Dehumidification	2.0 / 2.0		0.0-99.9	%RH
P4	2	Dehumidification / Humidification dead zone	0.5		0.0-99.9	%RH
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 setpoint (delta T)	3.0		0-99.9	°C / °F
P6	2	Freecooling differential	2.0		0-99.9	°C / °F
P7	1	Freecooling restart config.(with G0-1=no): setpoint (delta T)	10.0		0-99.9	°C / °F
P7	2	Freecooling restart config.(with G0-1=no): differential	4.0		0-99.9	°C / °F
P8	1	Enable compensation function	No		No-Yes	
P8	2	Outside air compensation set point	25.0		-999.9-999.9	°C / °F
P8	3	Outside air compensation differential	3.0		-999.9-999.9	°C / °F

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Scr.	Par.	Description	Default	Special value	Range	UOM
P8	4	Offset maximum of compensation of the set of temperature	2.0		-999.9-999.9	°C / °F
P9	1	High and low room temperature alarms offset respect the setpoint	10.0 / 10.0	7.0 / 26.0	-999.9-999.9	°C / °F
Pa	1	High and low room humidity alarms offset respect the setpoint	20.0 / 30.0		0-100.0	%RH
Pb	1	Enable supply limit function	No	Yes	No-Yes	
Pb	2	Supply air set point for the limitation function	15.0		-999.9-999.9	°C / °F
Pb	3	Supply air differential for the limitation function	5.0		-999.9-999.9	°C / °F
Pc	1	Assign type of alarm Serious/Not serious AL01-AL20	SSSSS SNNSN NNNNN NNNNN	SSSSS NNNSN SSNNN NNSNN	N-S	
Pd	1	Assign type of alarm Serious/Not serious AL21-AL40	NNNNN NNNNN SSSNS NSNNS		N-S	
Pe	1	Assign type of alarm Serious/Not serious AL41-AL60	NNNNN NNNNN NNNNN NNNNN		N-S	
Pf	1	Assign type of alarm Serious/Not serious AL61-AL80	NNNNN NNNNN NNSNN NNNNN		N-S	
Pg	1	Configuration of digital output 4	Not used		Not used, AL0...AL80, Not Serious al., Serious al., General al.	
Pg	2	Configuration of digital output 5	Not used		Not used, AL0...AL80, Not Serious al., Serious al., General al.	
Ph	1	Configuration of digital output 6	Not used		Not used, AL0...AL80, Not Serious al., Serious al., General al.	
Ph	2	Configuration of digital output 8	General alarm		Not used, AL0...AL80, Not Serious al., Serious al., General al.	
Ph1	1	Configurable digital output (NO4-NO5-NO6-NO8) logic type	N.O.		N.C. - N.O.	
Ph2	1	Power failure alarm reset type:	AUTO		AUTO - MAN	
Pi	1	Board identification number for supervisory network	1		0-200	
Pi	2	Board communication speed for supervisory network	1200		1200-19200	Bps
Pi	3	Serial communication protocol	Carel		Carel, Modbus, Lon, RS232, Gsm	
Pj	1	Number of rings for GSM modem	0		0-9	
Pj	2	Enter mobile number with GSM modem	0		0...9,#,*,@,^	
Pj	3	GSM modem password	0		0-9999	
Pj	1	Max. telephone numbers with analogue modem	0		0-9	
Pj	2	Telephone book number with analogue modem	0		0-Pg 1	
Pj	3	Enter telephone number with analogue modem	-		0...9,#,*,@,^	
Pj	4	Modem password	0		0-9999	
Pk	1	Number of rings for analogue modem	0		0-9	
Pk	2	Type of analogue modem	Tone		Tone-Pulse	
Pl	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	°C		°C-°F	
C1	1	Select refrigerant	R407C		R22, R134a, R404a, R407C, R410A	
C2	1	Number of compressors	1		1-2	
C2	2	Number of heaters	0		0-1-2-Binary	

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Scr.	Par.	Description	Default	Special value	Range	UOM
C3	1	Digital input 6 configuration	Al. Fire/Smoke		Al. Fire/Smoke, Al.water flood, Human comfort switch	
C3	2	Switch off unit with the alarm (with C3-1=Al. Fire/Smoke or Al.water flood)	Yes		No-Yes	
C3	3	Input type (with C3-1=Human comfort switch)	N.C.		N.C. - N.O.	
C4	1	Enable condensation function	No	Yes	No-Yes	
C4	2	Type of condenser	Single		Single-Separat.	
C4	3	Condensing output type	Inverter		Inverter-Steps	
C4	4	Select number of condensing fans	1		1-2	
C5	1	Logic of the dehumidification contact	NO		NO-NC	
C5	2	Number of compressors enabled for dehumidification	0		0-2	
C7	1	Enable humidity probe	No		No-Yes	
C7	2	Minimum and maximum value measured by the humidity probe	10.0 / 90.0		0-100.0	%RH
C8	1	Enable pressure probe 1	No	Yes	No-Yes	
C8	2	Type of signal pressure probe 1	Current		0-5V, 4-20mA	
C8	3	Minimum and maximum value pressure probe 1	0.0 / 30.0		-20.0 - 50.0	bar
C9	1	Enable pressure probe 2	No		No-Yes	
C9	2	Type of signal pressure probe 2	Current		0-5V, 4-20mA	
C9	3	Minimum and maximum value pressure probe 2	0.0 / 30.0		-20.0 - 50.0	bar
Ca	1	Room temperature probe type	NTC		NTC-PT1000	
Ca	2	Supply air temperature probe enable	Yes		No-Yes	
Ca	3	Supply air temperature probe type	NTC		NTC-PT1000	
Cb	1	External air temperature probe enable	No		No-Yes	
Cb	2	External air temperature probe type	NTC		NTC-PT1000	
Cc	1	LAN unit configuration Unit 1 (U1)	Present/No rotat.		Present/Rotation, Present/No rotat., Not present	
Cc	2	LAN unit configuration Unit 2 - 3 (U2 - U3)	Not present Not present		Present/Rotation, Present/No rotat., Not present	
Cd	1	LAN unit configuration Unit 4 - 5 - 6 (U4 - U5 - U6)	Not present Not present Not present		Present/Rotation, Present/No rotat., Not present	
Ce	1	LAN unit configuration Unit 7 -8 (U7 - U8)	Not present Not present		Present/Rotation, Present/No rotat., Not present	
Cf	1	Enable expansion card	No		No-Yes	
Cf	2	Enable expansion card alarm	No		No-Yes	
Cf	3	Expansion card alarm delay	120		0-999	seconds
Cg	1	Freecooling system enable	No		No-Yes	
Cg	2	Freecooling damper running time	60		0-999	seconds
Ch	1	Enable air flow control (AFC = Air Flow Control)	No		No-Yes	
Ch	2	Main fan number	1		No-Yes	
Ch	3	Main fan type	R3G500		R4E310 - R4E355 - R3G450 - R3G500 - R3G560 - R3G630	
Ci	1	Differential pressure probe config. min. input	3200		0-32767	
Ci	2	Differential pressure probe config. max. input	16000		0-32767	
Ci	3	Differential pressure probe config. min. output	0		0-32767	
Ci	4	Differential pressure probe config. max. output	10000		0-32767	
Cj	1	Enable inverter presence	No		No-Yes	
Ck	1	Enable manual procedure (activated in maintenance menu)	No		No-Yes	
Cl	1	Enable UPS power supply	No		No-Yes	
		Manufacturer -> Parameters				
G0	1	Enable compressors together with freecooling damper	No		No-Yes	
G1	1	Enable FIFO compressor rotation	Yes		No-Yes	
G1	2	Temperature regulation type	Prop.		Prop. - P+I	
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	7.0 / 7.0		0.0-10.0	Volt
G7	2	Main fan speed during dehumidification / alarm with AFC	7.0		0.0-10.0	Volt
G9	1	Temperature differential to stop dehumidification	5.0		0-99.9	°C / °F
G9	2	Temperature offset to restart dehumidification	4.0		0-99.9	°C / °F
Gd	1	High pressure alarm set point	26.5		-99.9 - 99.9	bar

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Gd	2	High pressure alarm differential	1.0		-99.9 - 99.9	bar
Ge	1	Condensing pressure set point	15.0		-99.9 - 99.9	bar
Ge	2	Condensing pressure differential	5.0		-99.9 - 99.9	bar
Ge	3	Modulating condensing fan speed-up time	2		0-999	seconds
Gg	1	Maximum mod. cond. fan speed	10.0		0-10,0	Volt
Gg	2	Minimum mod. cond. fan speed	0.0		0-10,0	Volt
Gh	1	Enable high pressure alarm Prevent function	Yes		No-Yes	
Gh	2	Prevent function set point (pressure)	20.0		-99.9 - 99.9	bar
Gh	3	Prevent function differential (pressure)	2.0		-99.9 - 99.9	bar
Gi2	1	Overpressure function enable	No		No-Yes	
Gi2	2	Overpressure function fan speed	2.0		0-10.0	Volt
Gj	1	Enable Master Control function	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	Hours
Gl	1	Timezones rotation hour for units in pLAN network	22		0-23	Hours
Gl	2	Timezones rotation minutes for units in pLAN network	0		0-59	minutes
Gl	3	Interval in days for timezones rotation in pLAN network	3		1-7	days
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	minutes
Gn	1	Low ambient temp. diff. for forcing units in network	8		0-99.9	°C / °F
Gn	2	Low ambient temp. offset for forcing units in network	4		0-99.9	°C / °F
Go	1	High room temp. diff. for forcing units in network	8		0-99.9	°C / °F
Go	2	High room temp. offset for forcing units in network	4		0-99.9	°C / °F
Gw	1	Air flow control PID: proportional	2000		0-32767	
Gw	2	Air flow control PID: integral time	60		0-32767	seconds
Gw	3	Air flow control PID: derivative time	0		0-200	seconds
Gx	1	Air flow control PID: input selection	FILTERED		MEDIUM-FILTERED	
Gx	2	Air flow control PID: dead zone	0		0-1000	
Gx	3	Air flow control PID: period	1000		0-10000	mseconds
Gy	1	Air flow control: PID filter enable	No		No-Yes	
Gy	2	Air flow control: PID filter maximum step Q1	10		1-100	
Gy	3	Air flow control: PID filter minimum step Q1	1		1-100	
Gy	4	Air flow control: Fan out filter enable	Yes		No-Yes	
Gy	5	Air flow control: Fan out maximum step Q1	10		1-100	
Gy	6	Air flow control: Fan out minimum step Q1	1		1-100	
Gz	1	Air flow control: Probe filter enable	Yes		No-Yes	
Gz	2	Air flow control: Probe filter maximum step Q1	100		1-100	
Gz	3	Air flow control: Probe filter minimum step Q1	1		1-100	
Gz	4	Air flow control: Input average of probe	5		1-9	
Gz	5	Air flow control: Set for change between Q1 and Q2	50		0-20000	
Gz	6	Air flow control: Differential for change between Q1 and Q2	20		0-20000	
H1	1	Minimum frequency from inverter	30.0		0-999.9	Hz
H1	2	Maximum frequency from inverter	110.0		0-999.9	Hz
H1	3	Maximum frequency to inverter	90.0		0-999.9	%
H2	1	Inverter config.: startup frequency	45.0		0-999.9	Hz
H2	2	Inverter config.: startup period	60		0-999	seconds
H3	1	Enable automatic compressor oil drain fuction	Yes		No-Yes	
H3	2	Automatic compressor oil drain fuction: activation period	5		0-9999	minutes
H3	3	Automatic compressor oil drain fuction: drain period	10		0-999	seconds
H4	1	Inverter alarm enable	Yes		No-Yes	
H4	2	Inverter alarm logic type	N.O		N.C.-N.O	
		Manufacturer -> Carel EXV driver				
F0	1	Number of drivers connected	0	1	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**A		0-11	
F1	2	Superheating set point circuit 1	6.0		2.0-50.0	°C
F1	3	Dead zone circuit 1	0		0-9.9	°C
F2	1	Type valve circuit 2	Carel E2V**A		0-11	
F2	2	Superheating set point circuit 2	6.0		2.0-50.0	°C
F2	3	Dead zone circuit 2	0		0-9.9	°C
F3	1	PID control – proportional gain circuit 1	2.5		0.0-99.9	

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 pCO addr.= **01** PGD addr.= **25** EVD200 n.1 addr.= **09** EVD200 n.2 addr.= -- pCOXS addr.= -- PGD3 addr.= --

Scr.	Par.	Description	Default	Special value	Range	UOM
F3	2	PID control – integration time circuit 1	30		0-999	seconds
F3	3	PID control – derivative time circuit 1	5.0		0.0-99.9	seconds
F4	1	PID control – proportional gain circuit 2	2.5		0.0-99.9	
F4	2	PID control – integration time circuit 2	30		0-999	seconds
F4	3	PID control – derivative time circuit 2	5.0		0.0-99.9	seconds
F5	1	Threshold for low superheat protection circuit 1	4.0		-4.0 - 10.0	°C
F5	2	Prot. threshold integration time, low superheat circuit 1	1.0		0-25.5	seconds
F6	1	Threshold for low superheat protection circuit 2	4.0		-4.0 - 10.0	°C
F6	2	Prot. threshold integration time, low superheat circuit 2	1.0		0-25.5	seconds
F7	1	Percentage ratio between cooling capacity and Driver capacity C1	30		0-100	%
F7	2	Percentage ratio between cooling capacity and Driver capacity C2	30		0-100	%
F8	1	LOP threshold	-40.0		-70.0 - 50.0	°C
F8	2	LOP threshold integration time	4.0		0-25.5	seconds
F9	1	MOP start delay	30		0-500	seconds
F9	2	MOP threshold	16.0		-50.0 - 99.9	°C
F9	3	MOP threshold integration time	4.0		0-25.5	seconds
Fa	1	High condensing temp. protection threshold	63.0		0-99.9	°C
Fa	2	Integration time for high condensing temp. threshold	4.0		0-25.5	seconds
Fb	1	High suction temperature threshold	30.0		0-100.0	°C
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	mA
Ff	2	Custom Valve: holding current	100		0-1000	mA
Fg	1	Custom Valve: frequency	100		32-330	Hertz
Fg	2	Custom Valve: duty cycle	50		0-100	%
Fh	1	Minimum evaporation pressure probe value	0.0		-9.9 - 10.0	Bar
Fh	2	Maximum evaporation pressure probe value	30.0		3.5 - 40.0	Bar
Fi	1	Low superheating alarm delay	0		0-3600	seconds
Fi	2	High suction temperature alarm delay	0		0-3600	seconds
Fj	1	LOP alarm delay	0		0-3600	seconds
Fj	2	MOP alarm delay	0		0-3600	seconds
		Manufacturer -> Timing				
T0	1	Supply fan start and stop delay	10 / 20		0-999	seconds
T0b	1	Delay time among fan digital and analog output	0		0-999	seconds
T1	1	Integration time for P+1 temperature control	600		0-999	seconds
T2	1	Low pressure alarm delay: at startup	180		0-999	seconds
T2	2	Low pressure alarm delay: running	60		0-999	seconds
T2	3	High-low temperature-humidity alarm delays	600		0-9999	seconds
T3	1	Serious alarm activation delay	0		0-9999	seconds
T3	2	Not serious alarm activation delay	0		0-9999	seconds
T4	1	Air flow switch alarm delay	20		0-9999	seconds
T5	1	Minimum compressor off time	180		0-9999	seconds
T5	2	Minimum compressor on time	60		0-9999	seconds
T6	1	Delay between compressor starts	360		0-9999	seconds
T6	2	Minimum delay between starts of different compressors	10		0-999	seconds
T8	1	Heater start among electrical heaters	3		0-9999	seconds
T9	1	Start delay between fan and other devices	0		0-999	seconds
Tb	1	Start Inverter alarm delay	20		0-999	seconds
Tb	2	Running Inverter alarm delay	20		0-999	seconds
Tc	1	Human comfort switch function: activation/deactivation delay	2		0-30	seconds
Tc	2	Human comfort switch function: automatic deactivation delay	30		0-600	minutes
		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	