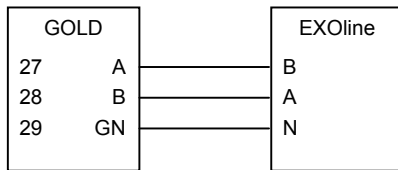


EXOline Gateway

GOLD sizes 04-80, program version 1.05 and newer versions

Overview

The GOLD air handling unit will be an EXOline slave, and will be connected to the network with two-wire RS485. The EXOline master shall set timeout to 1 (64 ms). The most common settings are baudrate 9600, parity odd and stop bits 1.



Slave address (PLA, ELA)

The slave address of an EXOline slave consists of two bytes PLA and ELA.

EXOline Data formats

EXOline data types that will be used:

EXOline Type	Description
Logical var.	1 bit Discrete value
Index var.	One byte unsigned value
Real var.	Floating point value

Supported EXOline commands.

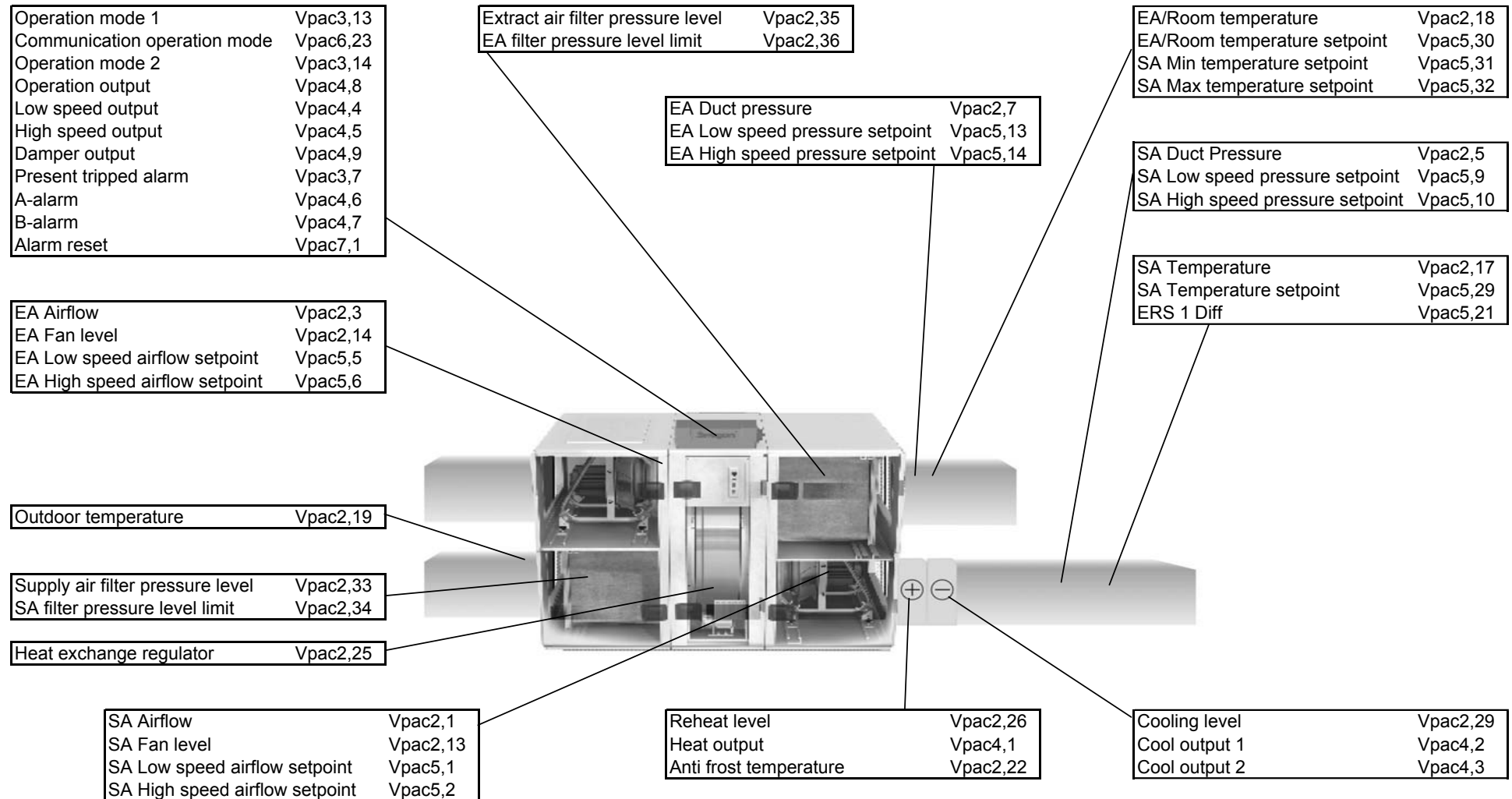
The GOLD air handling unit supports these EXOline commands.

Opc	Hex	Dec	Interpretation	Data	Answer
SLV	01	1	Set logical var.	DLn Cell Value	Ok!
SLP	2F	47	Set logic segment var.	DLn Seg Offs Value	Ok!
SXV	02	2	Set index var.	DLn Cell Value	Ok!
SXP	B0	176	Set index segment var.	DLn Seg Offs Value	Ok!
SRV	04	4	Set real var.	DLn Cell Value (4)	Ok!
SRP	32	50	Set real segment var.	DLn Seg Offs Value (4)	Ok!
RLV	86	134	Read logical var.	DLn Cell	Value
RLP	B3	179	Read logic segment var.	DLn Seg Offset	Value
RXV	07	7	Read index var.	DLn Cell	Value
RXP	34	52	Read index segment var.	DLn Seg Offset	Value
RRV	89	137	Read real var.	DLn Cell	Value (4)
RRP	B6	182	Read real segment var.	DLn Seg Offset	Value (4)
READV	10	16	Read Vpac page.	DLnDPn	Data (n)

Return error codes

The following error codes will be used.

Error code	Error	Fault that can occur
01h	Wrong data type	Accessing Cell with wrong data type.
07h	The DPac does not exist.	Accessing a Dpac that's not used.
19h	Illegal parameter value	Try to write to an "Read only" or value is out of range.
25h	Illegal cell number	Accessing Cell number that is not first Cell of a real var. Accessing Cell number that is not used.
26h	Illegal command	Command not supported
27h	Illegal message length	Wrong message length for command.
04h	Illegal DPac load number	
05h	The DPac (or DPac segment) does not exist	



Real var. Vpac 2 (RO)

Index	Cell nbr.	Name	Min/Max	Misc
1	0	SA Airflow	0-8200l/s	
		Present supply airflow.		
2	3	SA Airflow regulator	0-8200l/s	
		Present supply airflow regulator setpoint.		
3	6	EA Airflow	0-8200l/s	
		Present extract airflow.		
4	9	EA Airflow regulator	0-8200l/s	
		Present extract airflow regulator setpoint.		
5	12	SA Duct pressure	0-2000Pa	
		Present supply air duct pressure.		
6	15	SA Duct pressure regulator	0-2000Pa	
		Present supply air duct pressure regulator setpoint.		
7	18	EA Duct pressure	0-2000Pa	
		Present extract air duct pressure.		
8	21	EA Duct pressure regulator	0-2000Pa	
		Present extract air duct pressure regulator setpoint.		
9	24	SA VAV demand/boost input	0-100.00%	
		Present input signal for supply air VAV demand or boosting function.		
10	27	SA VAV demand regulator	0-100.00%	
		Present supply air VAV demand regulator setpoint.		
11	30	EA VAV demand/boost input	0-100.00%	
		Present input signal for extract air VAV demand or boosting function.		
12	33	EA VAV demand regulator	0-100.00%	
		Present supply air VAV demand regulator setpoint.		
13	36	SA Fan level	0-100.00%	
		Present running level for the supply air fan.		
14	39	EA Fan level	0-100.00%	
		Present running level for the extract air fan.		
15	42	SA Temp regulator	-55.00-125.00°C	
		Present supply air temperature regulator setpoint.		
16	45	EA Temp regulator	-55.00-125.00°C	
		Present extract air temperature regulator setpoint.		
17	48	SA Temperature	-55.00-125.00°C	
		Present supply air temperature.		
18	51	EA/Room temperature	-55.00-125.00°C	
		Present extract air/room temperature in the unit.		
19	54	Outdoor temperatur	-55.00-125.00°C	
		Present outdoor air temperature in the unit.		
20	57	EA/Room temperature (external)	-55.00-125.00°C	
		Present room temperature external from the unit.		
21	60	Outdoor temperatur (external)	-55.00-125.00°C	
		Present outdoor air temperature external from the unit.		
22	63	Anti frost temperature	-55.00-125.00°C	
		Present anti frost temperature for water reheating coils.		
23	66	Temperature sensor 3	-55.00-125.00°C	
		Present temperature for temp sensor no.3		
24	69	Temperature sensor 4	-55.00-125.00°C	
		Present temperature for temp sensor no.4		
25	72	Heat exchanger regulator	0-100.00%	
		Present level of heat exchanger regulator RX/CX/PX.		

Real var. Vpac 2 (RO)

Index	Cell nbr.	Name	Min/Max	Misc
26	75	Reheat level	0-100.00%	
		Present level of reheat.		
27	78	SA Down regulation level	0-100.00%	
		Present level of supply airflow down regulation.		
28	81	Extre regulation sequence level	0-100.00%	
		Present level of the extra regulation sequence.		
29	84	Cooling level	0-100.00%	
		Present level of cooling.		
30	87	Heating boost level	0-100.00%	
		Present level of heating boost.		
31	90	Cooling boost level	0-100.00%	
		Present level of cooling boost.		
32	93	Effect reduction level	0-100.00%	
		Present level of max output signal for electrical reheaters, active during low supply airflow.		
33	96	Supply air filter pressure level	0-2000Pa	
		Present supply air filter pressure drop.		
34	99	Supply air filter pressure alarm limit.	0-2000Pa	
		Present supply air filter pressure alarm limit.		
35	102	Extract air filter pressure level	0-2000Pa	
		Present extract air filter pressure drop.		
36	105	Extract air filter pressure alarm limit.	0-2000Pa	
		Present extract air filter pressure alarm limit.		
37	108	Temperature displacement	-5.00 - 5.00°C	
		Present temperature displacement from input signal.		
38	111	Cool step time	0-600s	
		Present time between cool step shift.		
39	114	Cool relay 1 restart time	0-900s	
		Present time between two starts of cool relay 1.		
40	117	Cool relay 2 restart time	0-900s	
		Present time between two starts of cool relay 2.		
41	120	SA Fan effect	0-6500W	
		Present power consumption level for the supply air fan.		
42	123	EA Fan effect	0-6500W	
		Present power consumption level for the extract air fan.		
43	126	SFP	0.0-9.9	
		SFP supply air + extract air.		
44	129	SA Frequency	0-100.00Hz	
		Present frequency level for the supply air fan.		
45	132	EA Frequency	0-100.00Hz	
		Present frequency level for the extract air fan.		
46	135	SA Voltage	0-500V	
		Present voltage level for the supply air fan.		
47	138	EA Voltage	0-500V	
		Present voltage level for the extract air fan.		
48	141	SA Current	0-30.000A	
		Present current level for the supply air fan.		
49	144	EA Current	0-30.000A	
		Present current level for the extract air fan.		
50	147	SA Airflow pressure	0-2000Pa	
		Present airflow pressure in the supply air fan inlet.		
51	150	EA Airflow pressure	0-2000Pa	

Real var. Vpac 2 (RO)

Index	Cell nbr.	Name	Min/Max	Misc
		Present airflow pressure in the extract air fan inlet.		
52	153	Rotary heat exchanger level	0-100.00%	
		Present operation level from rotary heat exchanger.		
53	156	HX pressure level	0-2000Pa	
		Present pressure drop for the rotary heat exchanger.		
54	159	HX pressure alarm limit	0-2000Pa	
		Present pressure drop alarm limit for the rotary heat exchanger.		
55	162	HX temperature	0-100.00°C	
		Present temperature inside the control unit for the rotary heat exchanger.		
56	165	Anti frost temp setpoint/operation	10.00-16.00°C	
		Present anti frost temperature setpoint for water reheating coils during unit operation.		
57	168	Anti frost temp setpoint/stop	15.00-40.00°C	
		Present anti frost temperature setpoint for water reheating coils when the unit is in stop.		
58	171	Anti frost temp alarm limit	5.00-30.00°C	
		Setting of antifrost temperature alarm limit.		
59	174	Supply air filter pressure level, new	0-2000Pa	
		Supply air filter pressure saved from calibration.		
60	177	Extract air filter pressure level, new	0-2000Pa	
		Extract air filter pressure saved from calibration.		
61	180	Programversion, HMI	0-10.00	
		Present programversion for the handterminal.		
62	183	Programversion, HMI-slave	0-10.00	
		Present programversion for the extra handterminal.		
63	186	Programversion, main controller.	0-10.00	
		Present programversion for the main control unit.		
64	189	Programversion, SA FC-1.	0-10.00	
		Present programversion for the supply air frequency converter no.1.		
65	192	Programversion, SA FC-2.	0-10.00	
		Present programversion for the supply air frequency converter no.2.		
66	195	Programversion, EA FC-1.	0-10.00	
		Present programversion for the extract air frequency converter no.1.		
67	198	Programversion, EA FC-2.	0-10.00	
		Present programversion for the extract air frequency converter no.2.		
68	201	Programversion, HX control unit	0-10.00	
		Present programversion for the rotary heat exchange control unit.		
69	204	SA Fan operation time	0-9999	
		Present operation time for the supply air fan, measured in minutes and present in days (24h).		
70	207	EA Fan operation time	0-9999	
		Present operation time for the extract air fan, measured in minutes and present in days (24h).		
71	210	Cool operation time	0-9999	

Real var. Vpac 2 (RO)

Index	Cell nbr.	Name	Min/Max	Misc
		Present operation time for cooling, measured in minutes and present in days (24h).		
72	213	Heat exchange operation time	0-9999	
		Present operation time for heat exchange, measured in minutes and present in days (24h).		
73	216	Reheat operation time	0-9999	
		Present operation time for reheat, measured in minutes and present in days (24h).		
74	219	Extract air-humidity	0-100.00%	
		Present level of extract air-humidity.		
75	222	Extract air-humidity temperature	-55.00-125.00°C	
		Present temperature inside extract air-humidity sensor.		
76	225	Extract air-dewpoint	-55.00-125.00°C	
		Calculated extract air-dewpoint.		
77	228	AYC chilled water temperature	-55.00-125.00°C	
		Present AYC chilled water temperature.		
78	231	AYC chilled water temperature regulator	-55.00-125.00°C	
		Present AYC chilled water temperature regulator setpoint.		
79	234	AYC chilled water output	0-100.00%	
		Present level of AYC chilled water valve output.		
80	237	Supply air-dewpoint regulator	-55.00-125.00°C	
		Present supply air-dewpoint regulator setpoint.		
81	240	Supply air-humidity	0-100.00%	
		Present level of supply air-humidity		
82	243	Supply air-humidity temperature	-55.00-125.00°C	
		Present temperature inside supply air-humidity sensor.		
83	246	Supply air-dewpoint	-55.00-125.00°C	
		Calculated supply air-dewpoint.		
84	249	C.HX. Temperature	-55.00-125.00°C	PV 2.00
		Present temperature of coil heat exchanger.		
85	252	P.HX. Temperature 1	-55.00-125.00°C	PV 2.00
		Present temperature 1 of plate heat exchanger.		
86	255	P.HX. Temperature 2	-55.00-125.00°C	PV 2.00
		Present temperature 2 of plate heat exchanger.		
87	258	P/C.HX. Humidity	0-100.00%	PV 2.00
		Present level of air-humidity in plate/coil heat exchanger.		
88	261	R.HX. Efficiency	0-100.00%	PV 2.00
		Calculated level of rotary heat exchanger efficiency.		
89	264	C.HX. Valve output	0-100.00%	PV 5.00
		Present level of coil heat exchanger valve output.		
90	267	P.HX bypass output	0-100%	PV 5.00
		Present level of plate heat exchanger bypass output.		
91	270	Xzone cool step time	0-600s	PV 5.00
		Present time between Xzone cool step shift.		
92	273	Xzone cool relay 1 restart time	0-900s	PV 5.00
		Present time between two starts of Xzone cool relay 1.		
93	276	Xzone cool relay 2 restart time	0-900s	PV 5.00
		Present time between two starts of Xzone cool relay 2.		
94	279	Supply air prefilter pressure level	50-300Pa	PV 5.00
		Present supply air prefilter pressure drop.		
95	282	Supply air prefilter pressure alarm limit.	50-300Pa	PV 5.00
		Present supply air prefilter pressure alarm limit.		

Real var. Vpac 2 (RO)

Index	Cell nbr.	Name	Min/Max	Misc
96	285	Supply air prefilter pressure level, new	50-300Pa	PV 5.00
		Supply air prefilter pressure saved from calibration.		
97	288	Extract air prefilter pressure level	50-300Pa	PV 5.00
		Present extract air prefilter pressure drop.		
98	291	Extract air prefilter pressure alarm limit.	50-300Pa	PV 5.00
		Present extract air prefilter pressure alarm limit.		
99	294	Extract air prefilter pressure level, new	50-300Pa	PV 5.00
		Extract air prefilter pressure saved from calibration.		
100	297	Xzone reheat level	0-100.00%	PV 5.00
		Present level of Xzone reheat.		
101	300	Xzone anti frost temperature	0-40.00°C	PV 5.00
		Present Xzone anti frost temperature for water reheating coils.		
102	303	Xzone cooling level	0-100.00%	PV 5.00
		Present level of Xzone cooling.		
103	306	Xzone SA Temp regulator	5.00-40.00°C	PV 5.00
		Present Xzone supply air temperature regulator setpoint.		
104	309	Xzone EA Temp regulator	5.00-40.00°C	PV 5.00
		Present Xzone extract air temperature regulator setpoint.		
105	312	Xzone SA Temperature	5.00-40.00°C	PV 5.00
		Present Xzone supply air temperature.		
106	315	Xzone EA/Room temperature	5.00-40.00°C	PV 5.00
		Present Xzone extract air/room temperature.		
107	318	Pre-heating air temperature	5.00-40.00°C	PV 5.00
		Present pre-heating air temperature.		
108	321	Pre-heating level	0-100.00%	PV 5.00
		Present level of pre-heating.		
109	324	Pre-heating anti frost temperature	0-40.00°C	PV 5.00
		Present anti frost temperature for water pre-heating coils.		
110	327	ReCO2 CO2 input	0-100.00%	PV 5.00
		Present input signal for ReCO2 CO2.		
111	330	ReCO2 internal damper output	0-100.00%	PV 5.00
		Present output signal for ReCO2 internal damper.		
112	333	ReCO2 external damper output	0-100.00%	PV 5.00
		Present output signal for ReCO2 internal damper.		
113	336	ReCO2 outdoor airflow	0-8200l/s	PV 5.00
		Present ReCO2 outdoor airflow.		
114	339	ReCO2 outdoor airflow regulator	0-8200l/s	PV 5.00
		Present ReCO2 outdoor airflow regulator setpoint.		
115	342	ReCO2 outdoor airflow pressure	0-2000Pa	PV 5.00
		Present ReCO2 outdoor airflow pressure.		
116	345	Preheat operation time	0-9999	PV 5.00
		Present operation time for preheat, measured in minutes and present in days (24h).		
117	348	Xzone cool operation time	0-9999	PV 5.00
		Present operation time for Xzone cooling, measured in minutes and present in days (24h).		
118	351	Xzone reheat operation time	0-9999	PV 5.00
		Present operation time for Xzone reheat, measured in minutes and present in days (24h).		
119	354	Supply air-D temperature	-55.00-125.00°C	PV 5.07
		Present supply air-D temperature.		

Real var. Vpac 2 (RO)

Index	Cell nbr.	Name	Min/Max	Misc
120	357	Extract air-D temperature	-55.00-125.00°C	PV 5.07
		Present extract air-D temperature.		
121	360	AYC heat temperature	-55.00-125.00°C	PV 5.07
		Present AYC heat temperature.		
122	363	AYC heat temp regulator	-55.00-125.00°C	PV 5.07
		Present AYC heat temperature regulator setpoint.		
123	366	AYC heat valve output	0-100.00%	PV 5.07
		Present level of AYC heat valve output.		
124	369	Min/Max/Average Sens1Temp	-55.00-125.00°C	PV 5.15
		Present Min/Max/Average sensor 1 temperature.		
125	372	Min/Max/Average Sens2Temp	-55.00-125.00°C	PV 5.15
		Present Min/Max/Average sensor 2 temperature.		
126	375	Min/Max/Average Sens3Temp	-55.00-125.00°C	PV 5.15
		Present Min/Max/Average sensor 3 temperature.		
127	378	Min/Max/Average Sens4Temp	-55.00-125.00°C	PV 5.15
		Present Min/Max/Average sensor 4 temperature.		

Index var. Vpac 3 (RO)

Index	Cell nbr.	Name	Min/Max	Misc
1	0	Coil type	0-20	
		Present connected reheat coil type.		
2	1	Weekday	0 - 6	
		Present weekday for the unit's internal clock.		
3	2	Extended low speed op. Hours	0-23	
		Present time for extended low speed operation.		
4	3	Extended low speed op. Minutes	0-59	
		Present time for extended low speed operation.		
5	4	Extended high speed op. Hours	0-23	
		Present time for extended high speed operation.		
6	5	Extended high speed op. Minutes	0-59	
		Present time for extended high speed operation.		
7	6	Present tripped alarm	0-200	PV 5.00
		Present tripped alarm number with highest priority.		
8	7	Active not tripped alarm no.1	0-200	PV 5.00
		Present active alarm in delay.		
9	8	Active not tripped alarm no.2	0-200	PV 5.00
		Present active alarm in delay.		
10	9	Active not tripped alarm no.3	0-200	PV 5.00
		Present active alarm in delay.		
11	10	SA Fan size	04 - 80	
		Present supply air fan size.		
12	11	EA Fan size	04 - 80	
		Present extract air fan size.		
13	12	Operation mode 1	0 - 18	PV 5.00
		0=Manual stop. 1=Ext. stop. 2=Com. stop 1. 3=Manual high speed. 4=Summer night cooling. 5=Int. night heat. 6=Manual low speed. 7=Ext. high speed. 8=Com. high speed. 9=Year channel stop. 10=Year channel high speed. 11=Year channel low speed. 12=Time channel high speed. 13=Ext. low speed. 14=Com. low speed. 15=Time channel low speed. 16=Time channel stop. 17=Low speed=stop. 18=Com. stop 2. (New in PV 5.00)		
14	13	Operation mode 2	0 - 22	PV 5.00

Index var. Vpac 3 (RO)

Index	Cell nbr.	Name	Min/Max	Misc
		0= 1=Coold air recovery. 2=Cooling boost. 3=SA down regulation. 4=HX defrosting. 5=Anti frost func. active. 6=Effect reduction. 7=Startup. 8=Zero calibration. 9=Extended low speed. 10=Extended high speed. 11=Air adjustment. 12=Cooling off. 13=Purging R.HX. 14=Extended R.HX. op. 15=Filter calibration. 16=R.HX. calibration 17=Morning boost. 18=Heating boost. 19=Alarm. 20=CoolDX pressure reduction. (PV 2.00) 21=Startup extract air fan (New in 4.00) R.HX speed limited. (Only in PV 2.00-2.02) 22=Fan heat retention (New in PV 5.00)		
15	14	Operation mode, manual	0 - 3	
		Present manual operation set on the unit's handterminal 0=Stop, 1=Auto operation, 2=Manual low speed, 3=Manual high speed.		

Logical var. Vpac 4 (RO) 1bit

Index	Cell no.	Name	Min/Max	Misc
1	0	Heat output	0-1	
		Status for relay output.		
2	1	Cool output 1	0-1	
		Status for relay output.		
3	2	Cool output 2	0-1	
		Status for relay output.		
4	3	Low speed output	0-1	
		Status for relay output.		
5	4	High speed output	0-1	
		Status for relay output.		
6	5	A-alarm.	0-1	
		Status for relay output.		
7	6	B-alarm.	0-1	
		Status for relay output.		
8	7	Operation output	0-1	
		Status for relay output.		
9	8	Damper output	0-1	
		Status for relay output.		
10	9	External low speed input	0-1	
		Status for digital input.		
11	10	External high speed input	0-1	
		Status for digital input.		
12	11	External alarm 1 input	0-1	
		Status for digital input.		
13	12	External alarm 2 input	0-1	
		Status for digital input.		
14	13	External fire alarm input.	0-1	
		Status for digital input.		
15	14	External stop input	0-1	
		Status for digital input.		
16	15	DIP Switch 1	0-1	
		Status for dip switch setting.		
17	16	DIP Switch 2	0-1	
		Status for dip switch setting.		
18	17	DIP Switch 3	0-1	
		Status for dip switch setting.		
19	18	DIP Switch 4	0-1	
		Status for dip switch setting.		
20	19	DIP Switch 5	0-1	
		Status for dip switch setting.		
21	20	DIP Switch 6	0-1	
		Status for dip switch setting.		
22	21	Alarm number 1	0-1	
		Status if alarm number 1 is active.		
23	22	Alarm number 2	0-1	
		Status if alarm number 2 is active.		
24	23	Alarm number 3	0-1	
		Status if alarm number 3 is active.		
121	120	Alarm number 100	0-1	

Logical var. Vpac 4 (RO) 1bit

Index	Cell no.	Name	Min/Max	Misc
		Status if alarm number 100 is active.		
122	121	AYC heat pump output	0-1	PV 5.07
		Status for AYC heat pump output.		
123	122	AYC cool pump output	0-1	PV 5.07
		Status for AYC cool pump output.		
124	123	C.HX. pump output	0-1	PV 2.00
		Status for coil heat exchanger pump output.		
125	124	R.HX rotation monitor	0-1	PV 3.00
		Status from the rotation detector.		
126	125	Xzone heat output	0-1	PV 5.00
		Status for relay output.		
127	126	Xzone cool output 1	0-1	PV 5.00
		Status for relay output.		
128	127	Xzone cool output 2	0-1	PV 5.00
		Status for relay output.		
129	128	Pre-heat output	0-1	PV 5.00
		Status for relay output.		
130	129	IO-mod 3 output 1	0-1	PV 5.07
		Status for I/O-module no. 3 relay 1 output.		
131	130	IO-mod 3 output 2	0-1	PV 5.07
		Status for I/O-module no. 3 relay 2 output.		
132	131	IO-mod 4 output 1	0-1	PV 5.10
		Status for I/O-module no. 4 relay 1 output.		
133	132	Reserve 12		
134	133	Reserve 13		
135	134	Reserve 14		
136	135	Reserve 15		
137	136	Reserve 16		
138	137	Reserve 17		
139	138	Reserve 18		
140	139	Reserve 19		
141	140	Reserve 20		
142	141	Reserve 21		
143	142	Reserve 22		
144	143	Reserve 23		
145	144	Reserve 24		
146	145	Reserve 25		
147	146	Reserve 26		

Logical var. Vpac 4 (RO) 1bit

Index	Cell no.	Name	Min/Max	Misc
148	147	Reserve 27		
149	148	Info number 1	0-1	
		Status if info number 1 is active.		
150	149	Info number 2	0-1	
		Status if info number 2 is active.		
151	150	Info number 3	0-1	
		Status if info number 3 is active.		
168	167	Info number 20	0-1	PV 5.00
		Status if info number 100 is active.		
169	168	Alarm number 101	0-1	PV 5.00
		Status if alarm number 101 is active.		
170	169	Alarm number 102	0-1	PV 5.00
		Status if alarm number 102 is active.		
171	170	Alarm number 103	0-1	PV 5.00
		Status if alarm number 103 is active.		
248	247	Alarm number 180	0-1	PV 5.00
		Status if alarm number 180 is active.		

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
1	0	SA Low speed airflow setpoint Supply airflow setpoint for the unit when running in low speed operation.	0-8200l/s	
2	3	SA High speed airflow setpoint Supply airflow setpoint for the unit when running in high speed operation.	0-8200l/s	
3	6	SA Max speed airflow setpoint Supply airflow max. limit for the unit when the low/high speed operation setpoint is altered by boosting function etc.	0-8200l/s	
4	9	SA Min speed airflow setpoint Supply airflow min. limit for the unit when the low/high speed operation setpoint is altered when running in fan regulation mode VAV demand.	0-8200l/s	
5	12	EA Low speed airflow setpoint Extract airflow setpoint for the unit when running in low speed operation.	0-8200l/s	
6	15	EA High speed airflow setpoint Extract airflow setpoint for the unit when running in high speed operation.	0-8200l/s	
7	18	EA Max speed airflow setpoint Extract airflow max. limit for the unit when the low/high speed operation setpoint is altered by boosting function etc.	0-8200l/s	
8	21	EA Min speed airflow setpoint Extract airflow min. limit for the unit when the low/high speed operation setpoint is altered when running in fan regulation mode VAV demand.	0-8200l/s	
9	24	SA Low speed pressure setpoint Supply air duct pressure setpoint for the unit when running in low speed operation.	0-750Pa	
10	27	SA High speed pressure setpoint Supply air duct pressure for the unit when running in high speed operation.	20-750Pa	
11	30	SA Max speed output signal Max. limit for the supply air fan speed when running in pressure regulation mode.	10.00-100.00%	
12	33	SA Max speed pressure setpoint Supply air duct pressure max. limit for the unit when the low/high speed operation setpoint is altered by boosting function etc.	20-750Pa	
13	36	EA Low speed pressure setpoint Extract air duct pressure setpoint for the unit when running in low speed operation.	0-750Pa	
14	39	EA High speed pressure setpoint Extract air duct pressure setpoint for the unit when running in high speed operation.	20-750Pa	
15	42	EA Max speed output signal	10.00-100.00%	

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
		Max. limit for the extract air fan speed when running in pressure regulation mode.		
16	45	EA Max speed pressure setpoint	20-750Pa	
		Extract air duct pressure max. limit for the unit when the low/high speed operation setpoint is altered by boosting function etc.		
17	48	SA Low speed demand setpoint	0-100.00%	
		Supply air setpoint for the 0-10V input signal on terminal 30..31 for the unit when running in low speed operation.		
18	51	SA High speed demand setpoint	0-100.00%	
		Supply air setpoint for the 0-10V input signal on terminal 30..31 for the unit when running in high speed operation.		
19	54	EA Low speed demand setpoint	0-100.00%	
		Extract air setpoint for the 0-10V input signal on terminal 32..33 for the unit when running in low speed operation.		
20	57	EA High speed demand setpoint	0-100.00%	
		Extract air setpoint for the 0-10V input signal on terminal 32..33 for the unit when running in high speed operation.		
21	60	ERS 1 Diff	1.00 - 7.00°C	
		Supply air temperature difference setting according to the diagram for ERS 1.		
22	63	ERS 1 Breakpoint	12.00 - 26.00°C	
		Breakpoint setting according to the diagram for ERS 1.		
23	66	ERS 2 Breakpoint X1	10.00-38.00°C	
		Breakpoint X1 setting according to the diagram for ERS 2.		
24	69	ERS 2 Breakpoint Y1	10.00-40.00°C	
		Breakpoint Y1 setting according to the diagram for ERS 2.		
25	72	ERS 2 Breakpoint X2	11.00-39.00°C	
		Breakpoint X2 setting according to the diagram for ERS 2.		
26	75	ERS 2 Breakpoint Y2	10.00-40.00°C	
		Breakpoint Y2 setting according to the diagram for ERS 2.		
27	78	ERS 2 Breakpoint X3	12.00-40.00°C	
		Breakpoint X3 setting according to the diagram for ERS 2.		
28	81	ERS 2 Breakpoint Y3	10.00-40.00°C	
		Breakpoint Y3 setting according to the diagram for ERS 2.		
29	84	SA Temperature setpoint	10.00-40.00°C	
		Supply air temperature setting, for supply air temp regulation mode.		
30	87	EA/Room Temperature setpoint	10.00-40.00°C	
		Extract air/room temperature setting, for Extract air/room temp regulation mode.		

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
31	90	SA Min temp setpoint Supply air min.setpoint during EA/room regulation mode.	8.00-20.00°C	
32	93	SA Max temp setpoint Supply air max.setpoint during EA/room regulation mode.	16.00-50.00°C	
33	96	Cooling off set. Cooling off airflow setting in % of max. airflow.	10 - 50%	
34	99	SA Down regulation neutral zone Neutral zone setting before downregulation is permitted.	0.00-10.00°C	
35	102	Cool Outdoor temp limit.1 Outdoor temperature limit setting for cooling stage 1.	0.00-25.00°C	
36	105	Cool Outdoor temp limit.2 Outdoor temperature limit setting for cooling stage 2.	0.00-25.00°C	
37	108	Cool Outdoor temp limit.3 Outdoor temperature limit setting for cooling stage 3.	0.00-25.00°C	
38	111	Temperature reg. Neutral zone Neutral zone setting before shift between heating and cooling.	0.50-10.00°C	
39	114	SA Cool min air flow Supply air min. air flow setting for cooling.	0-8200l/s	
40	117	EA Cool min air flow Extract air min. air flow setting for cooling.	0-8200l/s	
41	120	Heating boost start limit Heating boost start temperature limit.	0.00-40.00°C	
42	123	Cooling boost start limit Cooling boost (comfort) start temperature limit.	0.00-40.00°C	
43	126	SA Filter alarm limit Supply air filter pressure alarm limit setting.	50-300Pa	
44	129	EA Filter alarm limit Extract air filter pressure alarm limit setting.	50-300Pa	
45	132	Int. Night heat room start temp Intermittent night heat function, extract air temperature setting for start.	5.00-25.00°C	
46	135	Int. Night heat room stop temp Intermittent night heat function, extract air temperature setting for stop.	5.00-25.00°C	
47	138	Int. Night heat SA temp setpoint Intermittent night heat function, supply air temperature setpoint during night heat.	5.00-40.00°C	
48	141	Int. Night heat SA airflow setpoint Intermittent night heat function, supply airflow setpoint during night heat.	0-8200l/s	
49	144	Int. Night heat EA airflow setpoint Intermittent night heat function, extract airflow setpoint during night heat.	0-8200l/s	
50	147	Summer night cool EA start temp Summer night cool function, extract air temperature setting for start.	17.00-27.00°C	
51	150	Summer night cool EA stop temp Summer night cool function, extract air temperature setting for stop.	12.00-22.00°C	

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
52	153	Summer night cool outdoor temp limit	5.00-15.00°C	
		Summer night cool function, outdoor temperature limit.		
53	156	Summer night cool SA temp setpoint	10.00-20.00°C	
		Summer night cool function, supply air temperature setpoint during summer night cool.		
54	159	Outdoor temp comp. Winter X1.	-30.00-(-10.00)°C	
		Endpoint of winter compensation.		
55	162	Outdoor temp comp. Winter X2.	-10.00-15.00°C	
		Startpoint of winter compensation.		
56	165	Outdoor temp comp. Winter Y1.	0.00-10.00°C	
		Level of winter compensation at X1.		
57	168	Outdoor temp comp. Summer X3.	15.00-25.00°C	
		Startpoint of summer compensation.		
58	171	Outdoor temp comp. Summer X4.	25.00-40.00°C	
		Endpoint of summer compensation.		
59	174	Outdoor temp comp. Summer Y2.	-10.00-10.00°C	
		Level of summer compensation at X4.		
60	177	Outdoor airflow comp. Winter X1.	-30.00-(-10.00)°C	
		Endpoint of winter compensation.		
61	180	Outdoor airflow comp. Winter X2.	-10.00-15.00°C	
		Startpoint of winter compensation.		
62	183	Outdoor airflow comp. Winter Y1.	0-50.00%	
		Level of airflow compensation at X1.		
63	186	Extra Reg. Sequence max output	0-100.00%	
		Maximum output signal setting for the extra regulation sequence.		
64	189	EA/Room min temp alarm limit	8.00-20.00°C	
		Setting for min extract air /room temp alarm no.40.		
65	192	SA Deviation alarm limit	2.00-15.00°C	
		Setting for supply air temperature below present setpoint, alarm no.41.		
66	195	Reserve		
67	198	Cooling off periode	60 - 900s	
		Time setting for cooling off electrical heating coil.		
68	201	Cool step time	0 - 600s	
		Time setting between cool step shift.		
69	204	Cool restart time	60 - 900s	
		Setting of time between two starts of the cool relays.		
70	207	Startup time	0 - 600s	
		Setting of time for startup when the unit regulator is running with fixed signals.		
71	210	Start delay SA fan.	0 - 600s	
		Setting of start delay time for the supply air fan.		
72	213	Start delay EA fan.	0 - 600s	
		Setting of start delay time for the extract air fan after supply air fan has started.		
73	216	Year	2000-2099	
		Setting for the unit's internal clock.		
74	219	External alarm 1 delay	1 - 600s	
		Setting of delay time for external alarm no 1		

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
75	222	External alarm 2 delay	1 - 600s	
		Setting of delay time for external alarm no 2		
76	225	Int. Night heat SA pressure setpoint	20-750Pa	
		Intermittent night heat function, supply pressure setpoint during night heat.		
77	228	Int. Night heat EA pressure setpoint	20-750Pa	
		Intermittent night heat function, extract pressure setpoint during night heat.		
78	231	Slave control C-factor	0.5 - 2.0	PV 5.07
		Slave regulator affection setting.		
79	234	SA Airflow regulation zone	1.00 - 10.00	
		Supply airflow regulation zone setting in % of the present airflow setpoint that the regulator is allowed to work within.		
80	237	SA Airflow C-factor	0.005 - 2.500	
		Supply airflow regulator affection setting.		
81	240	EA Airflow regulation zone	1.00 - 10.00	
		Extract airflow regulation zone setting in % of the present airflow setpoint that the regulator is allowed to work within.		
82	243	EA Airflow C-factor	0.005 - 2.500	
		Extract airflow regulator affection setting.		
83	246	SA Pressure regulation zone	1.00 - 10.00	
		Supply air pressure regulation zone setting in % of the present duct pressure setpoint that the regulator is allowed to work within.		
84	249	SA Pressure C-factor	0.005 - 2.500	
		Supply air pressure regulator affection setting.		
85	252	EA Pressure regulation zone	1.00 - 10.00	
		Extract air pressure regulation zone setting in % of the present duct pressure setpoint that the regulator is allowed to work within.		
86	255	EA Pressure C-factor	0.005 - 2.500	
		Extract air pressure regulator affection setting.		
87	258	SA Demand P-band.	1.00 - 100.00	
		Supply air demand regulator P-band setting.		
88	261	SA Demand C-factor	0.005 - 2.500	
		Supply air demand regulator affection setting.		
89	264	EA Demand P-band.	1.00 - 100.00	
		Extract air demand regulator P-band setting.		
90	267	EA Demand C-factor	0.005 - 2.500	
		Extract air demand regulator affection setting.		
91	270	SA Temperature P-band	1.00 - 40.00	PV 5.00
		Supply air temperature regulator P-band setting.		
92	273	EA/Room Temperature P-band	1.00 - 40.00	PV 5.00
		Extract air/room temperature regulator P-band setting.		
93	276	SA HX. Reg C-factor	0.000 - 2.500	
		Supply air heat exchange regulator affection setting.		
94	279	EA/Room HX. Reg C-factor	0.000 - 2.500	
		Extract air/room heat exchange regulator affection setting.		
95	282	SA Heat Reg C-factor	0.000 - 2.500	

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
		Supply air reheat regulator affection setting.		
96	285	EA/Room Heat Reg C-factor	0.000 - 2.500	
		Extract air/room reheat regulator affection setting.		
97	288	SA Extra Reg heat C-factor	0.000 - 2.500	
		Supply air extra regulation sequence for reheating regulator affection setting.		
98	291	SA Extra Reg cool C-factor	0.000 - 2.500	
		Supply air extra regulation sequence for cooling regulator affection setting.		
99	294	EA Extra Reg heat C-factor	0.000 - 2.500	
		Extract air extra regulation sequence for reheating regulator affection setting.		
100	297	EA Extra Reg cool C-factor	0.000 - 2.500	
		Extract air extra regulation sequence for cooling regulator affection setting.		
101	300	SA Down regulation Reg C-factor	0.000 - 2.500	
		Supply air reheat regulator affection setting.		
102	303	Reserve		
103	306	SA Cool reg C-factor	0.000 - 2.500	
		Supply air cool regulator affection setting.		
104	309	EA/Room Cool reg C-factor	0.000 - 2.500	
		Extract air/room cool regulator affection setting.		
105	312	SA Cooling boost C-factor	0.000 - 2.500	
		Supply air cooling boost affection setting.		
106	315	EA/Room Cooling boost reg C-factor	0.000 - 2.500	
		Extract air/room cooling boost regulator affection setting.		
107	318	HX Pressure alarm set.	30 - 100Pa	
		Heat exchange pressure alarm limit setting (alarm no.38).		
108	321	P/C.HX. defrost P-band	1.00 - 40.00	PV 2.00
		Plate/coil heat exchange defrost P-band setting.		
109	324	P/C.HX. defrost C-factor	0.000 - 2.500	PV 2.00
		Plate/coil heat exchange defrost C-factor setting.		
110	327	SA dehumid P-band	1.00 - 40.00	PV 5.00
		SA dehumid regulator P-band setting.		
111	330	SA dehumid C-factor	0.000 - 2.500	
		SA dehumid regulator affection setting.		
112	333	Dewpoint reg. P-band	1.00 - 40.00	PV 5.00
		Dewpoint regulator P-band setting.		
113	336	Dewpoint reg. C-factor	0.000 - 2.500	
		Dewpoint regulator affection setting.		
114	339	AYC chilled water temperature	5.00-30.00°C	
		Setting of AYC chilled water temperature setpoint.		
115	342	Dewpoint neutralzone	0.00-5.00°C	
		Dewpoint neutralzone setting.		
116	345	Comp. airflow	0-30.00%	
		Setting of comp. airflow.		
117	348	Supply air-humidity	10.00-90.00%	
		Setting of supply air-humidity.		
118	351	Water heating periodic op. time	0-60min	

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
		Setting of periodic op. time (minute).		
119	354	Water heating interval	0-168h	
		Setting of water heating intervall time (hour).		
120	357	Cool periodic op. time	0-60min	PV 2.02
		Setting of periodic op. time (minute).		
121	360	Cool interval	0-168h	PV 2.02
		Setting of cool interval time (hour).		
122	363	P/C.HX. bypass adj.	-5.00-5.00°C	PV 2.02
		Setting of plate/coil heat exchange bypass adjustment.		
123	366	EA/Room temperature com.	-55.00-125.00°C	PV 3.00
		Setting of EA/Room temperature via communication.		
124	369	Outdoor temperature com.	-55.00-125.00°C	PV 3.00
		Setting of outdoor temperature via communication.		
125	372	SA speed at fire.	50.00-100.00%	PV 3.00
		Setting of supply air speed at fire.		
126	375	EA speed at fire.	50.00-100.00%	PV 3.00
		Setting of extract air speed at fire.		
127	378	Temperature alarm setpoint.	-25.00-25.00°C	PV 3.00
		Temperature alarm function setting (no.80).		
128	381	Timeout temperature com.	0-9999min	PV 3.00
		Setting of timeout for temperature via communication (Vpac5 index 123, 124).		
129	384	Temperature alarm time.	1-999s	PV 3.00
		Setting of delay time for temperature alarm (no.80).		
130	387	Supply air min P-band.	1.00 - 40.00	PV 3.00
		Supply air min regulator P-band setting.		
131	390	Supply air min C-factor.	0.000 - 2.500	PV 3.00
		Supply air min regulator affection setting.		
132	393	Supply air max P-band.	1.00 - 40.00	PV 3.00
		Supply air max regulator P-band setting.		
133	396	Supply air max C-factor.	0.000 - 2.500	PV 3.00
		Supply air min regulator affection setting.		
134	399	Year channel 1 start year.	2000 - 2099	PV 3.00
135	402	Year channel 1 stop year.	2000 - 2099	PV 3.00
136	405	Year channel 2 start year.	2000 - 2099	PV 3.00
137	408	Year channel 2 stop year.	2000 - 2099	PV 3.00
138	411	Year channel 3 start year.	2000 - 2099	PV 3.00
139	414	Year channel 3 stop year.	2000 - 2099	PV 3.00
140	417	Year channel 4 start year.	2000 - 2099	PV 3.00
141	420	Year channel 4 stop year.	2000 - 2099	PV 3.00
142	423	Year channel 5 start year.	2000 - 2099	PV 3.00
143	426	Year channel 5 stop year.	2000 - 2099	PV 3.00
144	429	Year channel 6 start year.	2000 - 2099	PV 3.00
145	432	Year channel 6 stop year.	2000 - 2099	PV 3.00
146	435	Year channel 7 start year.	2000 - 2099	PV 3.00
147	438	Year channel 7 stop year.	2000 - 2099	PV 3.00
148	441	Year channel 8 start year.	2000 - 2099	PV 3.00
149	444	Year channel 8 stop year.	2000 - 2099	PV 3.00
150	447	SA prefilter alarm limit.	50-300Pa	PV 5.00
		Supply air prefilter pressure alarm limit setting.		
151	450	EA prefilter alarm limit.	50-300Pa	PV 5.00
		Extract air prefilter pressure alarm limit setting.		

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
152	453	Xzone temperature reg. Neutral zone.	0.50-10.00°C	PV 5.00
		Xzone neutral zone setting before shift between heating and cooling.		
153	456	Xzone ERS 1 Diff.	1.00 - 7.00°C	PV 5.00
		Supply air temperature difference setting according to the diagram for Xzone ERS 1.		
154	459	Xzone ERS 1 Breakpoint.	12.00 - 26.00°C	PV 5.00
		Breakpoint setting according to the diagram for Xzone ERS 1.		
155	462	Xzone ERS 2 Breakpoint X1.	10.00-38.00°C	PV 5.00
		Breakpoint X1 setting according to the diagram for Xzone ERS 2.		
156	465	Xzone ERS 2 Breakpoint Y1.	10.00-40.00°C	PV 5.00
		Breakpoint Y1 setting according to the diagram for Xzone ERS 2.		
157	468	Xzone ERS 2 Breakpoint X2.	11.00-39.00°C	PV 5.00
		Breakpoint X2 setting according to the diagram for Xzone ERS 2.		
158	471	Xzone ERS 2 Breakpoint Y2.	10.00-40.00°C	PV 5.00
		Breakpoint Y2 setting according to the diagram for Xzone ERS 2.		
159	474	Xzone ERS 2 Breakpoint X3.	12.00-40.00°C	PV 5.00
		Breakpoint X3 setting according to the diagram for Xzone ERS 2.		
160	477	Xzone ERS 2 Breakpoint Y3.	10.00-40.00°C	PV 5.00
		Breakpoint Y3 setting according to the diagram for Xzone ERS 2.		
161	480	Xzone SA Temperature setpoint.	10.00-40.00°C	PV 5.00
		Xzone supply air temperature setting, for supply air temp regulation mode.		
162	483	Xzone EA/Room Temperature setpoint.	10.00-30.00°C	PV 5.00
		Xzone extract air/room temperature setting, for extract air/room temp regulation mode.		
163	486	Xzone SA Min temp setpoint.	8.00-20.00°C	PV 5.00
		Xzone supply air min.setpoint during EA/room regulation mode.		
164	489	Xzone SA Max temp setpoint.	16.00-50.00°C	PV 5.00
		Xzone supply air max.setpoint during EA/room regulation mode.		
165	492	Preheating setpoint.	-30.00-30.00°C	PV 5.00
		Setting of preheating temperature setpoint.		
166	495	Xzone P-band.	1.00-40.00	PV 5.00
		Xzone regulator P-band setting.		
167	498	Xzone SA reheat C-factor.	0.000 - 2.500	PV 5.00
		Xzone supply air reheat regulator affection setting.		
168	501	Xzone SA cooling C-factor.	0.000 - 2.500	PV 5.00
		Xzone supply air cooling regulator affection setting.		
169	504	Xzone EA reheat C-factor.	0.000 - 2.500	PV 5.00
		Xzone extract air reheat regulator affection setting.		
170	507	Xzone EA cooling C-factor.	0.000 - 2.500	PV 5.00
		Xzone extract air cooling regulator affection setting.		
171	510	Xzone SA min P-band.	1.00 - 40.00	PV 5.00

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
		Xzone supply air min regulator P-band setting.		
172	513	Xzone SA min C-factor.	0.000 - 2.500	PV 5.00
		Xzone supply air min regulator affection setting.		
173	516	Xzone SA max P-band.	1.00 - 40.00	PV 5.00
		Xzone supply air max regulator P-band setting.		
174	519	Xzone SA max C-factor.	0.000 - 2.500	PV 5.00
		Xzone supply air min regulator affection setting.		
175	522	Preheat P-band.	1.00 - 40.00	PV 5.00
		Preheat regulator P-band setting.		
176	525	Preheat C-factor.	0.000 - 2.500	PV 5.00
		Preheat regulator affection setting.		
177	528	ReCO2 CO2 setpoint.	0-100.00%	PV 5.00
		Setting of ReCO2 CO2 setpoint.		
178	531	ReCO2 min outdoor air.	0-8200l/s	PV 5.00
		Setting of ReCO2 min outdoor air.		
179	534	ReCO2 min exhaust air.	0-8200l/s	PV 5.00
		Setting of ReCO2 min exhaust air.		
180	537	ReCO2 CO2 P-band.	1.00 - 100.00	PV 5.00
		ReCO2 CO2 regulator P-band setting.		
181	540	ReCO2 CO2 C-factor.	0.000 - 5.000	PV 5.00
		ReCO2 CO2 regulator affection setting.		
182	543	ReCO2 CO2 flow C-factor.	0.000 - 5.000	PV 5.00
		ReCO2 flow regulator affection setting.		
183	546	ReCO2 heating C-factor.	0.000 - 5.000	PV 5.00
		ReCO2 heating regulator affection setting.		
184	549	ReCO2 cooling C-factor.	0.000 - 5.000	PV 5.00
		ReCO2 heating regulator affection setting.		
185	552	AYC heat temp set.	10.00-80.00°C	PV 5.07
		Setting of AYC heated water temperature setpoint.		
186	555	AYC heat P-band.	1.00 - 40.00	PV 5.07
		AYC heat regulator P-band setting.		
187	558	AYC heat C-factor.	0.000 - 2.500	PV 5.07
		AYC heat regulator affection setting.		
188	561	AYC cool P-band.	1.00 - 40.00	PV 5.07
		AYC cool regulator P-band setting.		
189	564	AYC cool C-factor.	0.000 - 2.500	PV 5.07
		AYC cool regulator affection setting.		
190	567	AYC heat out comp. X1.	-40.00-40.00°C	PV 5.07
		AYC outdoor compensation of heated water, outdoor temp X1 setting.		
191	570	AYC heat out comp. Y1.	10.00-80.00°C	PV 5.07
		AYC outdoor compensation of heated water, heated water temp Y1 setting.		
192	573	AYC heat out comp. X2.	-40.00-40.00°C	PV 5.07
		AYC outdoor compensation of heated water, outdoor temp X2 setting.		
193	576	AYC heat out comp. Y2.	10.00-80.00°C	PV 5.07
		AYC outdoor compensation of heated water, heated water temp Y2 setting.		
194	579	AYC heat out comp. X3.	-40.00-40.00°C	PV 5.07
		AYC outdoor compensation of heated water, outdoor temp X3 setting.		

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
195	582	AYC heat out comp. Y3.	10.00-80.00°C	PV 5.07
		AYC outdoor compensation of heated water, heated water temp Y3 setting.		
196	585	AYC heat room comp. temp limit.	0.00-40.00°C	PV 5.07
		AYC room compensation of heated water, heated water temp limit setting.		
197	588	AYC heat room comp P-band.	1.00-10.00°C	PV 5.07
		AYC room compensation of heated water, heated water P-band setting.		
198	591	AYC heat night comp temp.	-10.00-10.00°C	PV 5.07
		AYC night compensation of heated water, heated water night setting.		
199	594	AYC heat pump on temp.	-40.00-40.00°C	PV 5.07
		AYC pump operation of heated water, outdoor temp start setting.		
200	597	AYC heat pump off temp.	-40.00-40.00°C	PV 5.07
		AYC pump operation of heated water, outdoor temp stop setting.		
201	600	AYC cool out comp. X1.	-40.00-40.00°C	PV 5.07
		AYC outdoor compensation of chilled water, outdoor temp X1 setting.		
202	603	AYC cool out comp. Y1.	10.00-80.00°C	PV 5.07
		AYC outdoor compensation of chilled water, chilled water temp Y1 setting.		
203	606	AYC cool out comp. X2.	-40.00-40.00°C	PV 5.07
		AYC outdoor compensation of chilled water, outdoor temp X2 setting.		
204	609	AYC cool out comp. Y2.	10.00-80.00°C	PV 5.07
		AYC outdoor compensation of chilled water, chilled water temp Y2 setting.		
205	612	AYC cool out comp. X3.	-40.00-40.00°C	PV 5.07
		AYC outdoor compensation of chilled water, outdoor temp X3 setting.		
206	615	AYC cool out comp. Y3.	10.00-80.00°C	PV 5.07
		AYC outdoor compensation of chilled water, chilled water temp Y3 setting.		
207	618	AYC cool room comp. temp limit.	0.00-40.00°C	PV 5.07
		AYC room compensation of chilled water, chilled water temp limit setting.		
208	621	AYC cool room comp. P-band.	1.00-10.00°C	PV 5.07
		AYC room compensation of chilled water, chilled water P-band setting.		
209	624	AYC cool night comp temp.	-10.00-10.00°C	PV 5.07
		AYC night compensation of chilled water, chilled water night setting.		
210	627	AYC cool pump on temp.	-40.00-40.00°C	PV 5.07
		AYC pump operation of chilled water, outdoor temp start setting.		
211	630	AYC cool pump off temp.	-40.00-40.00°C	PV 5.07
		AYC pump operation of chilled water, outdoor temp stop setting.		
212	633	AYC heat per op time.	0-60min	PV 5.07

Real var. Vpac 5 (R/W).

Index	Cell nbr.	Name	Min/Max	Misc
		AYC periodic operation of heated water, time (minute) setting.		
213	636	AYC heat per op interval.	0-168h	PV 5.07
		AYC periodic operation of heated water, interval time (hour) setting.		
214	639	AYC cool per op time.	0-60min	PV 5.07
		AYC periodic operation of chilled water, time (minute) setting.		
215	642	AYC cool per op interval.	0-168h	PV 5.07
		AYC periodic operation of chilled water, interval time (hour) setting.		
216	645	Humid reg. Start.	10.00-90.00%	PV 5.10
		Humidifying start limit setting.		
217	648	Humid reg. Stop.	15.00-95.00%	PV 5.10
		Humidifying stop limit setting.		

Index var. Vpac 6 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
1	0	SA Fan regulation mode	0 - 3	
		Setting of regulation type for the supply air fan . 0=Airflow reg, 1=Pressure reg, 2=Demand reg, 3=Slave controlled by EA fan.		
2	1	EA Fan regulation mode	0 - 3	
		Setting of regulation type for the extract air fan . 0=Airflow reg, 1=Pressure reg, 2=Demand reg, 3=Slave controlled by SA fan.		
3	2	ERS Step	1 - 4	
		Setting of curve when temperature is above breakpoint.		
4	3	Temperature regulation mode.	0 - 3	
		Setting of temperature regulation type. 0=ERS 1 reg, 1=ERS 2 reg, 2=SA reg, 3=EA/Room reg.		
5	4	Cool regulation mode	0 - 6	PV 3.00
		Setting of cool regulation type 0=Controlled 0-10V 1=Controlled 10-0V 2=On/Off 1-step 3=On/Off 2-steps 4=On/Off 3-steps binary 5=CoolDX economi (PV 2.00) 6=CoolDX comfort (PV 3.00)		
6	5	Heating boost regulation mode.	0 - 1	
		Setting for heating boost function. 0=Deactive, 1=Active.		
7	6	Cooling boost regulation mode.	0 - 5	PV 5.00
		Setting of cooling boost regulation type. 0=deactive 1=Comfort 2=Economy 3=Sequence 4=Comfort + Economy (PV 5.00) 5=Economy + Sequence (PV 5.00)		
8	7	Filter calibration mode	0 - 5	PV 5.00
		Setting for required filtercalibration. 0=Deactiv, 1=SA+EA-Filter 2=SA-Filter 3=EA-Filter 4=HX 5=ReCO2 (New in PV 5.00)		
9	8	Air adjustment time, minutes	0 - 59	
		Setting for amount of minutes to air adjustment function.		
10	9	Air adjustment time, hours	0 - 28	
		Setting for amount of hours to air adjustment function.		
11	10	Summer night cool start, hour	0-23	
		Setting for start time of summer night cooling function.		
12	11	Summer night cool start, minute	0-59	
		Setting for start time of summer night cooling function.		
13	12	Summer night cool stop, hour	0-23	
		Setting for stop time of summer night cooling function.		
14	13	Summer night cool stop, minute	0-59	
		Setting for stop time of summer night cooling function.		
15	14	Extra regulation sequence cool mode	0 - 2	
		Setting of extra regulation sequence cool type. 0=Deactive, 1=Comfort, 2=Economi.		
16	15	Extra regulation sequence heat mode	0 - 2	

Index var. Vpac 6 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
		Setting of extra regulation sequence heat type. 0=Deactive, 1=Comfort, 2=Economi.		
17	16	Morning boost time, hours	0-23	
		Setting of morning boost time before normal operation.		
18	17	Morning boost time, minutes	0-59	
		Setting of morning boost time before normal operation.		
19	18	Extended low speed op. Hours	0-23	
		Setting for extended low speed operation.		
20	19	Extended low speed op. Minutes	0-59	
		Setting for extended low speed operation.		
21	20	Extended high speed op. Hours	0-23	
		Setting for extended low speed operation.		
22	21	Extended high speed op. Minutes	0-59	
		Setting for extended low speed operation.		
23	22	Communication operation mode	0 - 4	PV 5.00
		Setting of unit operation mode from communication. 0=Auto operation. 1=Communication stop 1. 2=Communication low speed. 3=Communication high speed. 4=Communication stop 2 (New in PV 5.00). Summer night cool, intermittent night heat and morning boost functions works at stop 2.		
24	23	Service periode alarm.	0-99	
		Setting for delay time in months before service alarm.		
25	24	Month	1-12	
		Setting for the unit's internal clock.		
26	25	Date	0-31	
		Setting for the unit's internal clock.		
27	26	Hour	0-23	
		Setting for the unit's internal clock.		
28	27	Minute	0-59	
		Setting for the unit's internal clock.		
29	28	Second	0-59	
		Setting for the unit's internal clock.		
30	29	Heat relay periodic func.	0-3	PV 2.02
		Setting of periodic operation. 0=Inactive 1=Pump 2=Pump+valve 3=Valve (PV 2.02)		
31	30	Cool relay 1 periodic func.	0-3	PV 2.02
		Setting of periodic operation. 0=Inactive 1=Pump 2=Pump+valve 3=Valve (PV 2.02)		
32	31	Cool relay 2 periodic func.	0-3	PV 2.02
		Setting of periodic operation. 0=Inactive 1=Pump 2=Pump+valve 3=Valve (PV 2.02)		
33	32	Time channel 1 status	0-10,16-26	

Index var. Vpac 6 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
		Low speed Högfart 0=Inactive 16=Inactive 1=Monday 17=Monday 2=Tuesday 18=Tuesday 3=Wednesday 19=Wednesday 4=Thursday. 20=Thursday 5=Friday 21=Friday 6=Saturday 22=Saturday 7=Sunday 23=Sunday 8=Monday..Friday 24=Monday..Friday 9=Monday..Sunday 25=Monday..Sunday 10=Saturday..Sunday 26=Saturday..Sunday		
34	33	Time channel 1 start hour	0-23	
35	34	Time channel 1 start minute	0-59	
36	35	Time channel 1 stop hour	0-23	
37	36	Time channel 1 stop minute	0-59	
38	37	Time channel 2 status	0-10,16-26	
39	38	Time channel 2 start hour	0-23	
40	39	Time channel 2 start minute	0-59	
41	40	Time channel 2 stop hour	0-23	
42	41	Time channel 2 stop minute	0-59	
43	42	Time channel 3 status	0-10,16-26	
44	43	Time channel 3 start hour	0-23	
45	44	Time channel 3 start minute	0-59	
46	45	Time channel 3 stop hour	0-23	
47	46	Time channel 3 stop minute	0-59	
48	47	Time channel 4 status	0-10,16-26	
49	48	Time channel 4 start hour	0-23	
50	49	Time channel 4 start minute	0-59	
51	50	Time channel 4 stop hour	0-23	
52	51	Time channel 4 stop minute	0-59	
53	52	Time channel 5 status	0-10,16-26	
54	53	Time channel 5 start hour	0-23	
55	54	Time channel 5 start minute	0-59	
56	55	Time channel 5 stop hour	0-23	
57	56	Time channel 5 stop minute	0-59	
58	57	Time channel 6 status	0-10,16-26	
59	58	Time channel 6 start hour	0-23	
60	59	Time channel 6 start minute	0-59	
61	60	Time channel 6 stop hour	0-23	
62	61	Time channel 6 stop minute	0-59	
63	62	Time channel 7 status	0-10,16-26	
64	63	Time channel 7 start hour	0-23	
65	64	Time channel 7 start minute	0-59	
66	65	Time channel 7 stop hour	0-23	
67	66	Time channel 7 stop minute	0-59	
68	67	Time channel 8 status	0-10,16-26	
69	68	Time channel 8 start hour	0-23	
70	69	Time channel 8 start minute	0-59	
71	70	Time channel 8 stop hour	0-23	
72	71	Time channel 8 stop minute	0-59	
73	72	Handterminal language	0 - 18	PV 5.01

Index var. Vpac 6 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
		0=Svenska 1=Norsk 2=Dansk 3=Suomi 4=English 5=Français 6=Deutsch 7=Polski 8=Český 9=Italiano 10=Español 11=Português 12=Русский 13=Eesti 14=Latviesu 15=Lietiviu 16=Nederlands 17=Magyar (New in PV 5.00) 18=Türkçe (New in PV 5.01)		
74	73	Air flow unit	0 - 2	
		Setting of air flow unit presented in the unit's handterminal and WEB. 0=l/s, 1=m3/s, 2=m3/h.		
75	74	Reserve		PV 3.00
76	75	EA/Room temperature (external) func.	0-3	PV 5.15
		Setting of EA/Room temperature (external) function. 0=Inactive. 1=Input signal on terminal 40..41. 2=Communication (Vpac 5 index 123). 3=Min/Max/Average (PV 5.15).		
77	76	Outdoor temperature (external) func.	0-2	PV 3.00
		Setting of outdoor temperature (external) function. 0=Inactive. 1=Input signal on terminal 38..39. 2=Communication (Vpac 5 index 124).		
78	77	Flow at fire function.	0-3	PV 3.00
		Setting for activating the air fan operation at fire function 0=Inactive. 1=SA. 2=EA. 3=SA+EA.		
79	78	Air fan down regulation func.	0-2	PV 3.00
		Setting for activating the air fan down regulation function 0=Inactive. 1=SA. 2=SA+EA.		
80	79	Year channel 1 function.	0 - 3	PV 3.00
		0=Inactive. 1=Stop. 2=Low speed. 3=High speed.		
81	80	Year channel 1 start month.	1 - 12	PV 3.00
82	81	Year channel 1 start date.	1 - 31	PV 3.00

Index var. Vpac 6 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
83	82	Year channel 1 start hour.	0 - 23	PV 3.00
84	83	Year channel 1 start minute.	0 - 59	PV 3.00
85	84	Year channel 1 stop month.	1 - 12	PV 3.00
86	85	Year channel 1 stop date.	1 - 31	PV 3.00
87	86	Year channel 1 stop hour.	0 - 23	PV 3.00
88	87	Year channel 1 stop minute.	0 - 59	PV 3.00
89	88	Year channel 2 function.	0 - 3	PV 3.00
90	89	Year channel 2 start month.	1 - 12	PV 3.00
91	90	Year channel 2 start date.	1 - 31	PV 3.00
92	91	Year channel 2 start hour.	0 - 23	PV 3.00
93	92	Year channel 2 start minute.	0 - 59	PV 3.00
94	93	Year channel 2 stop month.	1 - 12	PV 3.00
95	94	Year channel 2 stop date.	1 - 31	PV 3.00
96	95	Year channel 2 stop hour.	0 - 23	PV 3.00
97	96	Year channel 2 stop minute.	0 - 59	PV 3.00
98	97	Year channel 3 function.	0 - 3	PV 3.00
99	98	Year channel 3 start month.	1 - 12	PV 3.00
100	99	Year channel 3 start date.	1 - 31	PV 3.00
101	100	Year channel 3 start hour.	0 - 23	PV 3.00
102	101	Year channel 3 start minute.	0 - 59	PV 3.00
103	102	Year channel 3 stop month.	1 - 12	PV 3.00
104	103	Year channel 3 stop date.	1 - 31	PV 3.00
105	104	Year channel 3 stop hour.	0 - 23	PV 3.00
106	105	Year channel 3 stop minute.	0 - 59	PV 3.00
107	106	Year channel 4 function.	0 - 3	PV 3.00
108	107	Year channel 4 start month.	1 - 12	PV 3.00
109	108	Year channel 4 start date.	1 - 31	PV 3.00
110	109	Year channel 4 start hour.	0 - 23	PV 3.00
111	110	Year channel 4 start minute.	0 - 59	PV 3.00
112	111	Year channel 4 stop month.	1 - 12	PV 3.00
113	112	Year channel 4 stop date.	1 - 31	PV 3.00
114	113	Year channel 4 stop hour.	0 - 23	PV 3.00
115	114	Year channel 4 stop minute.	0 - 59	PV 3.00
116	115	Year channel 5 function.	0 - 3	PV 3.00
117	116	Year channel 5 start month.	1 - 12	PV 3.00
118	117	Year channel 5 start date.	1 - 31	PV 3.00
119	118	Year channel 5 start hour.	0 - 23	PV 3.00
120	119	Year channel 5 start minute.	0 - 59	PV 3.00
121	120	Year channel 5 stop month.	1 - 12	PV 3.00
122	121	Year channel 5 stop date.	1 - 31	PV 3.00
123	122	Year channel 5 stop hour.	0 - 23	PV 3.00
124	123	Year channel 5 stop minute.	0 - 59	PV 3.00
125	124	Year channel 6 function.	0 - 3	PV 3.00
126	125	Year channel 6 start month.	1 - 12	PV 3.00
127	126	Year channel 6 start date.	1 - 31	PV 3.00
128	127	Year channel 6 start hour.	0 - 23	PV 3.00
129	128	Year channel 6 start minute.	0 - 59	PV 3.00
130	129	Year channel 6 stop month.	1 - 12	PV 3.00
131	130	Year channel 6 stop date.	1 - 31	PV 3.00
132	131	Year channel 6 stop hour.	0 - 23	PV 3.00
133	132	Year channel 6 stop minute.	0 - 59	PV 3.00
134	133	Year channel 7 function.	0 - 3	PV 3.00
135	134	Year channel 7 start month.	1 - 12	PV 3.00
136	135	Year channel 7 start date.	1 - 31	PV 3.00
137	136	Year channel 7 start hour.	0 - 23	PV 3.00

Index var. Vpac 6 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
138	137	Year channel 7 start minute.	0 - 59	PV 3.00
139	138	Year channel 7 stop month.	1 - 12	PV 3.00
140	139	Year channel 7 stop date.	1 - 31	PV 3.00
141	140	Year channel 7 stop hour.	0 - 23	PV 3.00
142	141	Year channel 7 stop minute.	0 - 59	PV 3.00
143	142	Year channel 8 function.	0 - 3	PV 3.00
144	143	Year channel 8 start month.	1 - 12	PV 3.00
145	144	Year channel 8 start date.	1 - 31	PV 3.00
146	145	Year channel 8 start hour.	0 - 23	PV 3.00
147	146	Year channel 8 start minute.	0 - 59	PV 3.00
148	147	Year channel 8 stop month.	1 - 12	PV 3.00
149	148	Year channel 8 stop date.	1 - 31	PV 3.00
150	149	Year channel 8 stop hour.	0 - 23	PV 3.00
151	150	Year channel 8 stop minute.	0 - 59	PV 3.00
152	151	Filter select.	0 - 3	PV 5.00
		Setting for filter select function. 0=Inactive. 1=Supply air. 2=Extract air. 3=SA+EA.		
153	152	Prefilter select.	0 - 3	PV 5.00
		Setting for prefilter select function. 0=Inactive. 1=Supply air. 2=Extract air. 3=SA+EA.		
154	153	Prefilter calibration mode.	0 - 3	PV 5.00
		Setting for required filtercalibration. 0=Inactive. 1=SA+EA-Filter. 2=SA-Filter. 3=EA-Filter.		
155	154	Xzone reheat function.	0 - 4	PV 5.00
		Setting for Xzone reheat function. 0=Inactive. 1=El. coil P/P. 2=El. coil 0-10V. 3=Water coil with FP. 4=Water coil without FP.		
156	155	Xzone cooling function.	0 - 5	PV 5.00
		Setting for Xzone cooling function. 0=Inactive. 1=0-10V. 2=10-0V. 3=On/off 1. 4=On/off 2. 5=On/off 3.		
157	156	Xzone temperature regulation mode.	0 - 3	PV 5.00
		Setting of Xzone temperature regulation type. 0=ERS 1 reg. 1=ERS 2 reg. 2=SA reg. 3=EA/Room reg.		
158	157	Xzone ERS Step.	1 - 4	PV 5.00

Index var. Vpac 6 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
		Setting of Xzone curve when temperature is above breakpoint.		
159	158	Preheating function.	0 - 4	PV 5.00
		Setting of preheating function. 0=Inactive. 1=El. coil P/P. 2=El. coil 0-10V. 3=Water coil with FP. 4=Water coil without FP.		
160	159	ReCO2 CO2 function.	0 - 2	PV 5.00
		Setting of ReCO2 CO2 function. 0=Inactive. 1=CO2. 2=CO2+flow.		
161	160	ReCO2 cooling function.	0 - 2	PV 5.00
		Setting of ReCO2 cooling function. 0=Inactive. 1=Comfort. 2=Economy.		
162	161	ReCO2 heating function.	0 - 2	PV 5.00
		Setting of ReCO2 heating function. 0=Inactive. 1=Comfort. 2=Economy.		
163	162	AYC function.	0 - 3	PV 5.07
		Setting of AYC function. 0=Inactive. 1=Cool. 2=Heat. 3=Cool+heat.		
164	163	AYC night comp. channel.	1 - 2	PV 5.07
		Setting of AYC night compensation channel. 1=Channel 1. 2=Channel 2.		
165	164	AYC channel start hour.	0-23h	PV 5.07
		Setting of AYC channel start time (hour).		
166	165	AYC channel start minute.	0-59min	PV 5.07
		Setting of AYC channel start time (minute).		
167	166	AYC channel stop hour.	0-23h	PV 5.07
		Setting of AYC channel stop time (hour).		
168	167	AYC channel stop minute.	0-59min	PV 5.07
		Setting of AYC channel stop time (minute).		
169	168	AYC channel period.	0-10	PV 5.07
		Setting of AYC channel period. 0=Inactive 1=Monday 2=Tuesday 3=Wednesday 4=Thursday 5=Friday 6=Saturday 7=Sunday 8=Monday..Friday 9=Monday..Sunday 10=Saturday..Sunday		

Index var. Vpac 6 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
170	169	AYC heat pump alarm.	0 - 3	PV 5.07
		Setting for selecting the AYC heated water pump alarm function. 0=Inactive. 1=Open. 2=Closed. 3=Contactor.		
171	170	AYC heat per op function.	0 - 3	PV 5.07
		Setting for selecting the AYC heated water periodic operation function. 0=Inactive. 1=Pump. 2=Pump+valve. 3=Valve.		
172	171	AYC cool pump alarm.	0 - 3	PV 5.07
		Setting for selecting the AYC chilled water pump alarm function. 0=Inactive. 1=Open. 2=Closed. 3=Contactor.		
173	172	AYC cool per op function.	0 - 3	PV 5.07
		Setting for selecting the AYC chilled water periodic operation function. 0=Inactive. 1=Pump. 2=Pump+valve. 3=Valve.		
174	173	IO-mod 3 output 1 function.	0 - 10	PV 5.07
		Setting of I/O-module no. 3 relay 1 output. 0=Cooling boost. 1=Heating boost. 2=Cooling. 3=Heat exchange. 4=Reheat. 5=Down regulation. 6=Effect reduction. 7=Intermittent night heat. 8=Summer night cooling. 9=Morning boost. 10=Heat exchange defrost.		
175	174	IO-mod 3 output 2 function.	0 - 10	PV 5.07
		Setting of I/O-module no. 3 relay 2 output. 0=Cooling boost. 1=Heating boost. 2=Cooling. 3=Heat exchange. 4=Reheat. 5=Down regulation. 6=Effect reduction. 7=Intermittent night heat. 8=Summer night cooling. 9=Morning boost. 10=Heat exchange defrost.		
176	175	Humid reg. func.	0 - 2	PV 5.10

Index var. Vpac 6 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
		Setting for selecting humidifying function. 0=Inactive. 1=Supply air. 2=Extract air.		
177	176	Min/Max/Average SensNumber	1 - 4	PV 5.15
		Setting for selecting numbers of sensors to the Min/Max/Average function.		
178	177	Min/Max/Average SensFunction	0 - 2	PV 5.15
		Setting for selecting sensor function. 0=Min. 1=Max. 2=Average.		

Logical var. Vpac 7 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
1	0	Alarm reset Resets tripped alarms.	0-1	
2	1	SA Boosting func. Setting for activating the boost function for the supply air fan.	0-1	
3	2	EA Boosting func. Setting for activating the boost function for the extract air fan.	0-1	
4	3	R.HX. Defrost func. Setting for activating the defrost function for the rotary heat exchanger.	0-1	
5	4	SA Down regulation func. Setting for activating the down regulation function for the supply air fan. (Moved to Vpac 6 index 79 in PV 3.00)	0-1	PV 3.00
6	5	Reserve		
7	6	Reserve		
8	7	Cool operation mode Setting for cooling between off and auto operation.	0-1	
9	8	Int. Night heat func. Setting for activating the intermittent night heat function.	0-1	
10	9	Damper func. Setting for activating the damper output relay during int. night heat.	0-1	
11	10	Summer night cooling Setting for activating the summer night cool function.	0-1	
12	11	Temp displacement Setting for activating the external temperature displacement function.	0-1	
13	12	Outdoor temp compensation Setting for activating the outdoor temperature compensation function.	0-1	
14	13	Outdoor airflow compensation Setting for activating the outdoor airflow compensation function.	0-1	
15	14	Auto. Summer/winter switch Setting for activating the automatic switch between summer/winter time function.	0-1	
16	15	Switch clock func. Setting for switch clock function type. 0=Stop - low speed - high speed. 1=Low speed - high speed.	0-1	
17	16	Internal fire alarm func. Setting for activating the internal fire alarm function.	0-1	
18	17	EA at fire Setting for activating the extract air fan operation at fire function. (Moved to Vpac 6 index 78 in PV 3.00)	0-1	PV 3.00
19	18	External alarm 1 active at closure	0-1	

Logical var. Vpac 7 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
		Setting for external alarm number 1 condition to be activated. 0= alarm at closed input. 1= alarm at open input.		
20	19	External alarm 2 active at closure	0-1	
		Setting for external alarm number 2 condition to be activated. 0= alarm at closed input. 1= alarm at open input.		
21	20	Reserve		
22	21	Dewpoint reg. func.	0-1	
		Setting for activating the dewpoint regulator funktion.		
23	22	Dehumid reg. func.	0-1	
		Setting for activating the dehumid regulator funktion.		
24	23	External fire alarm func.	0-1	PV 3.00
		Setting for external fire resetting function. 0= Manual. 1= Automatic.		
25	24	External alarm 1 func.	0-1	PV 3.00
		Setting for external alarm 1 resetting function. 0= Manual. 1= Automatic.		
26	25	External alarm 2 func.	0-1	PV 3.00
		Setting for external alarm 2 resetting function. 0= Manual. 1= Automatic.		
27	26	Temperature alarm func.	0-1	PV 3.00
		Setting for activating temperature below setpoint alarm function (no.80).		
28	27	Int. Night heat output func.	0-1	PV 5.00
		Setting for selecting the intermittent night heat output function. 0=IQnomic 1=IQnomic+		
29	28	AYC heat out comp. func.	0-1	PV 5.07
		Setting for selecting the AYC outdoor comp. heated water function. 0=Inactive 1=Active		
30	29	AYC heat room comp. func.	0-1	PV 5.07
		Setting for selecting the AYC room comp. heated water function. 0=Inactive 1=Active		
31	30	AYC heat room comp. night block func.	0-1	PV 5.07
		Setting for selecting the AYC room comp. heated water night block function. 0=Inactive 1=Active		
32	31	AYC heat night comp. func.	0-1	PV 5.07

Logical var. Vpac 7 (R/W)

Index	Cell nbr.	Name	Min/Max	Misc
		Setting for selecting the AYC night comp. heated water function. 0=Inactive 1=Active		
33	32	AYC heat valve signal func.	0-1	PV 5.07
		Setting for selecting the AYC valve signal heated water alarm function. 0=Inactive 1=Active		
34	33	AYC cool out comp. func.	0-1	PV 5.07
		Setting for selecting the AYC outdoor comp. chilled water function. 0=Inactive 1=Active		
35	34	AYC cool room comp. func.	0-1	PV 5.07
		Setting for selecting the AYC room comp. chilled water function. 0=Inactive 1=Active		
36	35	AYC cool room comp. night block func.	0-1	PV 5.07
		Setting for selecting the AYC room comp. chilled water night block function. 0=Inactive 1=Active		
37	36	AYC cool night comp. func.	0-1	PV 5.07
		Setting for selecting the AYC night comp. chilled water function. 0=Inactive 1=Active		
38	37	AYC cool valve signal func.	0-1	PV 5.07
		Setting for selecting the AYC valve signal chilled water alarm function. 0=Inactive 1=Active		