

Compact air handling units Topvex SX/C, TX/C, SC, FC, SR, TR, FR

Commissioning Record

GB

Document in original language | 206951 · A011



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1 Commissioning record

Company:
Responsible:

Customer:	Date:
Installation/Project:	Installation address:
Object/Unit:	Model/Size:
Item no.:	Serial no:

Access Software version:	Operator password: 1111	Service password: 0612
	Operator password changed:	Service password changed:
Time and date set:	Weekly program set:	External connections (sensors, dampers, external alarm etc.) performed:
Installation and service partner information entered into Access' ⓘ System information page. ¹		

¹ See chapter "System information" in document "Quick guide" available at www.systemair.com

2 Notes and signatures

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Signature:

Printed name: _____

Location: _____

Date: _____

Phone no.: _____

3 Function settings

3.1 Airflow

Function	Default setting	Set value
Airflow		
Fan levels	☒ Low ☒ Normal ☒ High	Low Normal High
Fan control type	☒ Flow (CAV) ☐ Pressure (VAV)	Flow (CAV) Pressure (VAV)
Flow preference unit	☒ m ³ /h ☐ l/s ☐ m ³ /s ☐ CFM	m ³ /h l/s m ³ /s CFM
Pressure preference unit	☒ Pa ☐ in wg (x100)	Pa in wg (x100)
Air flow setpoints		
		Supply airflow at low speed _____ Extract airflow at low speed _____ Supply airflow at normal speed _____ Extract airflow at normal speed _____ Supply airflow at high speed _____ Extract airflow at high speed _____

Airflow readings	Output %	Flow	Pressure
Supply airflow at low speed	_____	_____	_____
Extract airflow at low speed	_____	_____	_____
Supply airflow at normal speed	_____	_____	_____
Extract airflow at normal speed	_____	_____	_____
Supply airflow at high speed	_____	_____	_____
Extract airflow at high speed	_____	_____	_____

Fan compensation curves (configuration)	Curve 1	Curve 2	Curve 3
Fan level	All levels Low speed Normal speed High speed Low + Normal speed Normal + High speed	All levels Low speed Normal speed High speed Low + Normal speed Normal + High speed	All levels Low speed Normal speed High speed Low + Normal speed Normal + High speed
Mode	All modes When defrosting	All modes When defrosting	All modes When defrosting
Fan	Supply + Extract Supply Extract	Supply + Extract Supply Extract	Supply + Extract Supply Extract
Sensor	_____	_____	_____

Fan compensation curves (settings)	Sensor value	Compensation	Sensor value	Compensation	Sensor value	Compensation
Lowest sensor value	_____	_____	_____	_____	_____	_____
Middle sensor value	_____	_____	_____	_____	_____	_____
Highest sensor value	_____	_____	_____	_____	_____	_____

3.2 Temperature

Function	Default setting	Set value
Temperature	☒ °C ☐ °F	°C °F
Temperature control type and set point	☐ Supply 18 °C ☒ Extract 22 °C ☐ Room 22 °C	Supply _____ ° Extract _____ ° Room _____ °
Neutral zone type	☒ ½ neutral zone ☐ Neutral zone to cooling ☐ Neutral zone to heating	½ neutral zone Neutral zone to cooling Neutral zone to heating
Neutral zone	0 °C	_____ °

Function	Default setting	Set value
Summer/Winter mode	☒ No ☐ Yes	No Yes
Summer mode temperature set point	☐ Supply _____ °C ☐ Extract _____ °C ☐ Room _____ °C	Supply _____ ° Extract _____ ° Room _____ °
Switch between cascade control during Summer and outdoor compensated supply control during Winter	☐ No ☐ Yes	No Yes
Type of switch to indicate Summer	☐ Calender From Date: _____ Month: _____ To Date: _____ Month: _____ ☐ Digital input ☐ Outdoor temp. > 13 °C	Calender From Date: _____ Month: _____ To Date: _____ Month: _____ Digital input Outdoor temp. > _____
If outdoor comp. temp. control		
Outdoor temp/setpoint Curve point 1, 2, 3, 4:	-20 / 25 °C -10 / 23 °C 0 / 22 °C 10 / 18 °C	____ ° ____ ° ____ ° ____ °
If cascade control:		
Min supply air temp. limit Max supply air temp. limit	14 °C 30 °C	____ ° ____ °
Cooling recovery		
Mode Start at temp. difference	☒ On ☐ Off 2 °C	On Off ____ °
Cooling		
Type of cooler	☐ Water ☐ DX	Water DX
If water cooler		
Type of feedback, pump Pump stop delay	☐ None ☒ Alarm ☐ Run indication 5 min	None Alarm Run indication ____ min

Function	Default setting	Set value
If DX cooler		
Reduction of min limit supply air temp. when DX cooling	5 °C	_____ °
Min setpoint deviation to allow start of DX-cooling	2 °C	_____ °
Control function cooling	☐ 0-10 V ☐ Step controller	0-10 V Step controller
If step controller		
Type of step control	☐ Sequential ☐ Binary	Sequential Binary
Number of steps	☐ 1 ☐ 2 ☐ 3 ☐ 4	1 2 3 4
Freeze protection		
Type of freeze protection	☐ None ☒ Temp. sensor ☐ Guard	None Temp. sensor Guard
Alarm limit when unit is running	7 °C	_____ °
P-band when unit is running	5 °C	_____ °
Set point when unit is stopped	20 °C	_____ °
HW pump control		
Pump running mode	☒ Auto ☐ Always running	Auto Always running
Type of feedback	☐ None ☒ Alarm ☐ Run indication	None Alarm Run indication
Pump stop delay	5 min	_____ min
Pump running when outdoor temp. is below:	10 °C	_____ °
Hysteresis to allow pump stop	1 °C	_____ °

3.3 Temperature (Zone control)

Function	Default setting	Set value
Zone control		
Zone control limitation	☒ None ☐ Interlock heating/cooling	None Interlock heating/cooling
Temperature zone 1		
	☒ No ☐ Yes	No Yes
Temperature control type and set point	☐ Supply _____ °C ☐ Extract _____ °C ☐ Room _____ °C	Supply _____ ° Extract _____ ° Room _____ °
Neutral zone	_____ °C	_____ °
If cascade control:		
Min supply air temp. limit	_____ °C	_____ °
Max supply air temp. limit	_____ °C	_____ °
Heating		
Type of heater	☐ None ☐ Water ☐ Electric	None Water Electric
Type of feedback, heater	☐ None ☐ Alarm ☐ Run indication	None Alarm Run indication
If water heater		
Pump control	☐ None ☐ Auto ☐ Always running	None Auto Always running
Pump stop delay	5 min	_____ min
Pump running when outdoor temp. is below:	10 °C	_____ °
Hysteresis to allow pump stop	1 °C	_____ °
Freeze protection		
	☐ No ☐ Yes	No Yes
Alarm limit when unit is running	7 °C	_____ °
P-band when unit is running	5 °C	_____ °
Set point when unit is stopped	20 °C	_____ °

Function	Default setting	Set value
Cooling		
Type of cooler	☐ None ☐ Water ☐ DX	None Water DX
Type of feedback, cooler	☐ None ☐ Alarm ☐ Run indication	None Alarm Run indication
If water cooler		
Pump control	☐ None ☐ Auto ☐ Always running	None Auto Always running
Pump stop delay	5 min	_____ min
If DX cooler		
Reduction of min limit supply air temp	5 °C	_____ °
Type of step control	☐ Sequential ☐ Binary	Sequential Binary
Number of steps	☐ 1 ☐ 2	1 2
Temperature Zone 2		
	☐ No ☐ Yes	No Yes
Temperature control type and set point	☐ Supply _____ °C ☐ Extract _____ °C ☐ Room _____ °C	Supply _____ ° Extract _____ ° Room _____ °
Neutral zone	_____ °C	_____ °
If cascade control:		
Min supply air temp. limit	_____ °C	_____ °
Max supply air temp. limit	_____ °C	_____ °
Heating		
Type of heater	☐ None ☐ Water ☐ Electric	None Water Electric
Type of feedback, heater	☐ None ☐ Alarm ☐ Run indication	None Alarm Run indication
If water heater		
Pump control	☐ None ☐ Auto ☐ Always running	None Auto Always running
Pump stop delay	5 min	_____ min
Pump running when outdoor temp. is below:	10 °C	_____ °
Hysteresis to allow pump stop	1 °C	_____ °

Function	Default setting	Set value
Freeze protection	☐ No ☐ Yes	No Yes
Alarm limit when unit is running	7 °C	_____ °
P-band when unit is running	5 °C	_____ °
Set point when unit is stopped	20 °C	_____ °
Cooling		
Type of cooler	☐ None ☐ Water ☐ DX	None Water DX
Type of feedback, cooler	☐ None ☐ Alarm ☐ Run indication	None Alarm Run indication
If water cooler		
Pump control	☐ None ☐ Auto ☐ Always running	None Auto Always running
Pump stop delay	5 min	_____ min
If DX cooler		
Reduction of min limit supply air temp	5 °C	_____ °
Type of step control	☐ Sequential ☐ Binary	Sequential Binary
Number of steps	☐ 1 ☐ 2	1 2
Temperature Zone 3		
	☐ No ☐ Yes	No Yes
Temperature control type and set point	☐ Supply _____ °C ☐ Extract _____ °C ☐ Room _____ °C	Supply _____ ° Extract _____ ° Room _____ °
Neutral zone	_____ °C	_____ °
If cascade control:		
Min supply air temp. limit	_____ °C	_____ °
Max supply air temp. limit	_____ °C	_____ °
Heating		
Type of heater	☐ None ☐ Water ☐ Electric	None Water Electric
Type of feedback, heater	☐ None ☐ Alarm ☐ Run indication	None Alarm Run indication

Function	Default setting	Set value
If water heater		
Pump control	☐ None ☐ Auto ☐ Always running	None Auto Always running
Pump stop delay	5 min	_____ min
Pump running when outdoor temp. is below:	10 °C	_____ °
Hysteresis to allow pump stop	1 °C	_____ °
Freeze protection		
	☐ No ☐ Yes	No Yes
Alarm limit when unit is running	7 °C	_____ °
P-band when unit is running	5 °C	_____ °
Set point when unit is stopped	20 °C	_____ °
Cooling		
Type of cooler	☐ None ☐ Water ☐ DX	None Water DX
Type of feedback, cooler	☐ None ☐ Alarm ☐ Run indication	None Alarm Run indication
If water cooler		
Pump control	☐ None ☐ Auto ☐ Always running	None Auto Always running
Pump stop delay	5 min	_____ min
If DX cooler		
Reduction of min limit supply air temp	5 °C	_____ °
Type of step control	☐ Sequential ☐ Binary	Sequential Binary
Number of steps	☐ 1 ☐ 2	1 2

3.4 General

Function	Default setting	Set value
General		
Extended operation stop delay	0 min	_____ min
Warm start when outdoor temp. is below:	3 °C	_____ °
CO₂ control		
	☒ No ☐ Fan start/stop	No Fan start/stop
Supply air fan set point when CO ₂ control	☐ Low ☒ Normal ☐ High	Low Normal High
Extract air fan set point when CO ₂ control	☐ Low ☒ Normal ☐ High	Low Normal High
Start limit	800 ppm	_____ ppm
Stop hysteresis	160 ppm	_____ ppm
Min time for CO ₂ control	20 min	_____ min
Free cooling		
	☒ No ☐ Yes	No Yes
Running when day outdoor temp. is above:	22 °C	_____ °
Stop when night outdoor temp. is above:	18 °C	_____ °
Stop when night outdoor temp. is below:	10 °C	_____ °
Stop when room temp. is below:	18 °C	_____ °
Free cooling start/stop hour	Start: 00:00	Start: _____
	Stop: 07:00	Stop: _____
Time to block heat output after free cooling:	60 min	_____ min
Offset from normal speed when free cooling:	SAF: 0	SAF: _____
	EAF: 0	EAF: _____

Function	Default setting	Set value
Support control	☒ No ☐ Yes	No Yes
Start heating room temperature	15 °C	_____ °
Stop heating room temperature	21 °C	_____ °
Start cooling room temperature	30 °C	_____ °
Stop cooling room temperature	28 °C	_____ °
Preheater	☒ No ☐ Yes	No Yes
Start/Stop function	☒ Unit running ☐ When defrosting	Unit running When defrosting
Preheater setpoint:	-15 °C	_____ °
Exchanger defrosting mode (only applied for SC, SX/C, TX/C, FC units)	☒ Pressure monitoring	Pressure monitoring
Bypass	☒ On ☐ Off	On Off
Stop defrosting	☒ On ☐ Off	On Off
Outdoor temp. to allow defrosting	18 °C	_____ °
Outdoor temp. for stop of supply air fan	18 °C	_____ °
Max deviation exchanger pressure to start defrosting	50 %	_____ %
Pressure hysteresis to end defrosting	60 %	_____ %
Exchanger defrosting mode (only applied units with section defrosting)	☒ Section defrosting	Section defrosting
Allow fan stop defrosting if exchanger pressure > max limit	☒ Yes ☐ No	Yes No
Max allowed deviation exchanger pressure when defrosting	150%	_____ %
Max deviation exchanger pressure to start defrosting	25%	_____ %
Pressure hysteresis to end defrosting	60%	_____ %
Setpoint temperature min limit	4 °C	_____ °
Temperature hysteresis to end defrosting	4 °C	_____ °
Calibration extract air flow	_____	_____
Calibration exchanger pressure	_____	_____

Function	Default setting	Set value
Fire function		
Operation mode when fire alarm	☒ Stopped ☐ Continuous run ☐ Only supply air fan ☐ Only extract air fan ☐ Running via normal start/stop conditions	Stopped Continuous run Only supply air fan Only extract air fan Running via normal start/stop conditions
Supply air fan setpoint type	☐ Auto ☐ Low ☐ Normal ☐ High ☐ Manual output _____ % ☐ Manual setpoint _____	Auto Low Normal High Manual output _____ % Manual setpoint _____
Extract air fan setpoint type	☐ Auto ☐ Low ☐ Normal ☐ High ☐ Manual output _____ % ☐ Manual setpoint _____	Auto Low Normal High Manual output _____ % Manual setpoint _____
Outdoor air damper function	☒ Normal ☐ Open ☐ Closed	Normal Open Closed
Exhaust air damper function	☒ Normal ☐ Open ☐ Closed	Normal Open Closed

4 Setting the weekly program

Factory setting of the normal and low fan speed are:

- High fan speed 00:00 to 00:00 Monday to Sunday.
- Normal fan speed 07:00 to 16:00 Monday to Sunday.
- Low fan speed 00:00 to 24:00 Monday to Sunday.
- Settings of 00:00 to 00:00 stops the unit. E.g. changing low fan speed setting from 00:00-24:00 to 00:00-00:00 will stop the unit outside the time of normal fan speed.



Note:

High fan speed has priority over normal fan speed which has priority over low fan speed.

Weekday	Period	Low fan speed	Normal fan speed	High fan speed
Monday	1	—	—	—
	2	—	—	—
Tuesday	1	—	—	—
	2	—	—	—
Wednesday	1	—	—	—
	2	—	—	—
Thursday	1	—	—	—
	2	—	—	—
Friday	1	—	—	—
	2	—	—	—
Saturday	1	—	—	—
	2	—	—	—
Sunday	1	—	—	—
	2	—	—	—

Holiday (month. day)	Holiday (month. day)	Holiday (month. day)
1. —	9. —	17. —
2. —	10. —	18. —
3. —	11. —	19. —
4. —	12. —	20. —
5. —	13. —	21. —
6. —	14. —	22. —
7. —	15. —	23. —
8. —	16. —	24. —

5 I/O Allocation

Note any changes from the factory default input and output allocation configuration. Fill in any related information in the comment field. E.g. a pressure sensors measuring range, a contact's polarity or similar.



Note:

Make notes of any additional connected accessories or external signals in the air handling unit's wiring diagram!

Digital outputs	Function	Comment
D01		
D02		
D03		
D04		
D05		
D06		
D07		
Analog outputs	Function	Comment
A01		
A02		
A03		
A04		
A05		
Digital inputs	Function	Comment
DI1		
DI2		
DI3		
DI4		
DI5		
DI6		
DI7		
DI8		
Analog inputs	Function	Comment
AI1		
AI2		
AI3		
AI4		

Universal inputs	Function	Comment
UI1		
UI2		
UI3		
UI4		

6 Alarm configuration

Alarm settings	Def. settings	Set value
Alarm number	1	
Alarm name	Malfunction supply air fan	
Action:	Normal stop	
Level:	A	
Delay:	300 s	
Alarm number	5	
Alarm name	Malfunction extract air fan	
Action:	Normal stop	
Level:	A	
Delay:	300 s	
Alarm number	43	
Alarm name	Malfunction pump heating (SEQ-A)	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	45	
Alarm name	Malfunction pump cooling (SEQ-C)	
Action:	No action	
Level:	B	
Delay:	5 s	

Alarm settings	Def. settings	Set value
Alarm number	49	
Alarm name	Malfunction pump heating 2 (SEQ-G)	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	50	
Alarm name	Malfunction pump cooling 2 (SEQ-H)	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	52	
Alarm name	Malfunction pump external heating/cooling cap.	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	53	
Alarm name	Filter alarm supply air	
Action:	No action	
Level:	B	
Delay:	300 s	
Alarm number	54	
Alarm name	Filter alarm extract air	
Action:	No action	
Level:	B	
Delay:	300 s	

Alarm settings	Def. settings	Set value
Alarm number	56	
Alarm name	Freeze protection guard	
Action:	Fast stop	
Level:	Disabled	
Delay:	0 s	
Alarm number	58	
Alarm name	Fire alarm	
Action:	Fast stop	
Level:	A	
Delay:	0 s	
Alarm number	59	
Alarm name	Smoke alarm	
Action:	Fast stop	
Level:	A	
Delay:	0 s	
Alarm number	60	
Alarm name	External stop	
Action:	Normal stop	
Level:	C	
Delay:	0 s	
Alarm number	61	
Alarm name	External alarm	
Action:	No action	
Level:	B	
Delay:	0 s	

Alarm settings	Def. settings	Set value
Alarm number	63	
Alarm name	Electric heater is overheated	
Action:	Normal stop	
Level:	A	
Delay:	0 s	
Alarm number	65	
Alarm name	Low efficiency exchanger	
Action:	No action	
Level:	Disabled	
Delay:	30 s	
Limit:	50 %	
Alarm number	66	
Alarm name	Defrosting alarm	
Action:	No action	
Level:	Disabled	
Delay:	0 s	
Alarm number	67	
Alarm name	Rotary exchanger alarm	
Action:	Normal stop	
Level:	A	
Delay:	10 s	
Alarm number	79	
Alarm name	Alarm service interval	
Action:	No action	
Level:	C	
Delay:	0 s	

Alarm settings	Def. settings	Set value
Alarm number	80	
Alarm name	Restart blocked after power on	
Action:	Fast stop	
Level:	B	
Delay:	0 s	
Alarm number	81	
Alarm name	Deviation alarm supply air temperature	
Action:	No action	
Level:	Disabled	
Delay:	4 min	
Limit:	5 °	
Alarm number	82	
Alarm name	Deviation alarm supply air fan	
Action:	No action	
Level:	B	
Delay:	4 min	
Limit:	250	
Alarm number	83	
Alarm name	Deviation alarm extract air fan	
Action:	No action	
Level:	B	
Delay:	4 min	
Limit:	250	

Alarm settings	Def. settings	Set value
Alarm number	85	
Alarm name	Deviation alarm extra controller	
Action:	No action	
Level:	Disabled	
Delay:	30 min	
Limit:	10 °	
Alarm number	86	
Alarm name	High supply air temperature	
Action:	No action	
Level:	B	
Delay:	300 s	
Limit:	35 °	
Alarm number	87	
Alarm name	Low supply air temperature	
Action:	No action	
Level:	B	
Delay:	300 s	
Limit:	10 °	
Alarm number	90	
Alarm name	High room temperature	
Action:	No action	
Level:	Disabled	
Delay:	30 min	
Limit:	30 °	

Alarm settings	Def. settings	Set value
Alarm number	91	
Alarm name	Low room temperature	
Action:	No action	
Level:	Disabled	
Delay:	30 min	
Limit:	10 °	
Alarm number	92	
Alarm name	High extract air temperature	
Action:	No action	
Level:	B	
Delay:	30 min	
Limit:	30 °	
Alarm number	93	
Alarm name	Low extract air temperature	
Action:	No action	
Level:	B	
Delay:	30 min	
Limit:	10 °	
Alarm number	94	
Alarm name	High outdoor air temperature	
Action:	No action	
Level:	Disabled	
Delay:	0 min	
Limit:	40°	

Alarm settings	Def. settings	Set value
Alarm number	95	
Alarm name	Low outdoor air temperature	
Action:	No action	
Level:	Disabled	
Delay:	0 min	
Limit:	-30 °	
Alarm number	96	
Alarm name	Freeze protection alarm 1	
Action:	Fast stop	
Level:	A	
Delay:	0 s	
Alarm number	97	
Alarm name	Freeze protection alarm 2	
Action:	Fast stop	
Level:	A	
Delay:	0 s	
Alarm number	98	
Alarm name	Freeze protection alarm 3	
Action:	Fast stop	
Level:	A	
Delay:	0 s	
Alarm number	113	
Alarm name	Manual operation air handling unit	
Action:	No action	
Level:	C	
Delay:	0 s	

Alarm settings	Def. settings	Set value
Alarm number	114	
Alarm name	Manual operation supply air	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	115	
Alarm name	Manual operation supply air fan	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	116	
Alarm name	Manual operation extract air fan	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	117	
Alarm name	Manual operation heater	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	118	
Alarm name	Manual operation exchanger	
Action:	No action	
Level:	C	
Delay:	0 s	

Alarm settings	Def. settings	Set value
Alarm number	119	
Alarm name	Manual operation cooler	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	120	
Alarm name	Manual operation damper	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	121	
Alarm name	Manual operation pump heater	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	122	
Alarm name	Manual operation pump exchanger	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	123	
Alarm name	Manual operation pump cooler	
Action:	No action	
Level:	C	
Delay:	0 s	

Alarm settings	Def. settings	Set value
Alarm number	124	
Alarm name	Manual operation damper recirculation	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	125	
Alarm name	Manual operation damper outdoor air	
Action:	Fast stop	
Level:	A	
Delay:	0 s	
Alarm number	126	
Alarm name	Manual operation damper exhaust air	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	127	
Alarm name	Manual operation fire damper	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	138	
Alarm name	Output in manual operation	
Action:	No action	
Level:	C	
Delay:	0 s	

Alarm settings	Def. settings	Set value
Alarm number	139	
Alarm name	Input in manual operation	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	144	
Alarm name	Sensor error outdoor air temperature	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	145	
Alarm name	Sensor error intake air temperature	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	146	
Alarm name	Sensor error supply air temperature	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	147	
Alarm name	Sensor error exhaust air temperature	
Action:	No action	
Level:	B	
Delay:	5 s	

Alarm settings	Def. settings	Set value
Alarm number	148	
Alarm name	Sensor error extract air temperature	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	149	
Alarm name	Sensor error room temperature 1	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	150	
Alarm name	Sensor error room temperature 2	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	151	
Alarm name	Sensor error room temperature 3	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	152	
Alarm name	Sensor error room temperature 4	
Action:	No action	
Level:	B	
Delay:	5 s	

Alarm settings	Def. settings	Set value
Alarm number	153	
Alarm name	Sensor error pressure supply air	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	154	
Alarm name	Sensor error pressure extract air	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	155	
Alarm name	Sensor error flow supply air	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	156	
Alarm name	Sensor error flow extract air	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	158	
Alarm name	Sensor error pressure exchanger extract	
Action:	No action	
Level:	B	
Delay:	5 s	

Alarm settings	Def. settings	Set value
Alarm number	159	
Alarm name	Sensor error defrosting temperature	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	160	
Alarm name	Sensor error freeze protection temperature 1	
Action:	Normal stop	
Level:	A	
Delay:	5 s	
Alarm number	161	
Alarm name	Sensor error freeze protection temperature 2	
Action:	Normal stop	
Level:	A	
Delay:	5 s	
Alarm number	162	
Alarm name	Sensor error freeze protection temperature 3	
Action:	Normal stop	
Level:	A	
Delay:	5 s	
Alarm number	163	
Alarm name	Sensor error CO2 room/extract air	
Action:	No action	
Level:	B	
Delay:	5 s	

Alarm settings	Def. settings	Set value
Alarm number	177	
Alarm name	Sensor error pressure filter supply air	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	178	
Alarm name	Sensor error pressure filter extract air	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	179	
Alarm name	Sensor error efficiency temperature exchanger	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	180	
Alarm name	Communication fault device	
Action:	No action	
Level:	C	
Delay:	0 s	
Alarm number	181	
Alarm name	Malfunction extra controller	
Action:	No action	
Level:	B	
Delay:	5 s	

Alarm settings	Def. settings	Set value
Alarm number	185	
Alarm name	Malfunction preheater	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	186	
Alarm name	Communication fault BMS master	
Action:	No action	
Level:	C	
Delay:	1 s	
Alarm number	187	
Alarm name	Leakage heater valve	
Action:	No action	
Level:	B	
Delay:	5 min	
Alarm number	188	
Alarm name	Sensor error preheater temperature	
Action:	No action	
Level:	B	
Delay:	5 s	
Alarm number	207	
Alarm name	Malfunction heating zone 1	
Action:	No action	
Level:	Class B	
Delay:	5 s	

Alarm settings	Def. settings	Set value
Alarm number	208	
Alarm name	Malfunction heating zone 2	
Action:	No action	
Level:	Class B	
Delay:	5 s	
Alarm number	209	
Alarm name	Malfunction heating zone 3	
Action:	No action	
Level:	Class B	
Delay:	5 s	
Alarm number	210	
Alarm name	Malfunction cooling zone 1	
Action:	No action	
Level:	Class B	
Delay:	5 s	
Alarm number	211	
Alarm name	Malfunction cooling zone 2	
Action:	No action	
Level:	Class B	
Delay:	5 s	
Alarm number	212	
Alarm name	Malfunction cooling zone 3	
Action:	No action	
Level:	Class B	
Delay:	5 s	

Alarm settings	Def. settings	Set value
Alarm number	213	
Alarm name	Deviation alarm supply temp zone 1	
Action:	No action	
Level:	Class B	
Delay:	30 min	
Limit:	10 °C	
Alarm number	214	
Alarm name	Deviation alarm supply temp zone 2	
Action:	No action	
Level:	Class B	
Delay:	30 min	
Limit:	10 °C	
Alarm number	215	
Alarm name	Deviation alarm supply temp zone 3	
Action:	No action	
Level:	Class B	
Delay:	30 min	
Limit:	10 °C	
Alarm number	216	
Alarm name	Freeze protection alarm zone 1	
Action	Fast stop	
Level	Class A	
Delay	0 s	
Alarm number	217	
Alarm name	Freeze protection alarm zone 2	
Action	Fast stop	
Level	Class A	
Delay	0 s	

Alarm settings	Def. settings	Set value
Alarm number	218	
Alarm name	Freeze protection alarm zone 3	
Action	Fast stop	
Level	Class A	
Delay	0 s	
Alarm number	219	
Alarm name	Electric heater is overheated zone 1	
Action	Normal stop	
Level	Class A	
Delay	0 s	
Alarm number	220	
Alarm name	Electric heater is overheated zone 2	
Action	Normal stop	
Level	Class A	
Delay	0 s	
Alarm number	221	
Alarm name	Electric heater is overheated zone 3	
Action	Normal stop	
Level	Class A	
Delay	0 s	
Alarm number	222	
Alarm name	Sensor error supply air temp zone 1	
Action	No action	
Level	Class B	
Delay	5 s	

Alarm settings	Def. settings	Set value
Alarm number	223	
Alarm name	Sensor error supply air temp zone 2	
Action	No action	
Level	Class B	
Delay	5 s	
Alarm number	224	
Alarm name	Sensor error supply air temp zone 3	
Action	No action	
Level	Class B	
Delay	5 s	
Alarm number	225	
Alarm name	Sensor error room temp zone 1	
Action	No action	
Level	Class B	
Delay	5 s	
Alarm number	226	
Alarm name	Sensor error room temp zone 2	
Action	No action	
Level	Class B	
Delay	5 s	
Alarm number	227	
Alarm name	Sensor error room temp zone 3	
Action	No action	
Level	Class B	
Delay	5 s	
Alarm number	228	
Alarm name	Sensor error extract temp zone 1	
Action	No action	
Level	Class B	
Delay	5 s	

Alarm settings	Def. settings	Set value
Alarm number	229	
Alarm name	Sensor error extract temp zone 2	
Action	No action	
Level	Class B	
Delay	5 s	
Alarm number	230	
Alarm name	Sensor error extract temp zone 3	
Action	No action	
Level	Class B	
Delay	5 s	
Alarm number	231	
Alarm name	Sensor error freeze protection zone 1	
Action	No action	
Level	Class B	
Delay	5 s	
Alarm number	231	
Alarm name	Sensor error freeze protection zone 2	
Action	No action	
Level	Class B	
Delay	5 s	
Alarm number	233	
Alarm name	Sensor error freeze protection zone 3	
Action	No action	
Level	Class B	
Delay	5 s	



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