SAVE

Commissioning Record

GB

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systemair

Contents

1 General Information

Company:

Responsible:

Customer:	Date:	Installation:
Object/Unit:	Item:	Installation address:
Model/Size:	Serial number (unit ID):	Main board software version: IAM software version: HMI software version:

Time and date set: ☐

External connections (sensors, dampers, external alarm, etc.) performed: ☐

2 Basic settings

2.1 Fan Control

Function	Default setting	Set value
Airflow Type	Manual	Manual ○ RPM ○
		Flow ○ Pressure ○ External ○
P-Band*		_____
Manual Fan Stop	OFF	OFF ○ ON ○

Note:

* Make sure to change P-Band after changing Airflow Type. P-Band value do not change automatically to match the airflow type. It has to be changed manually.
Manual and External airflow type does not have a P-Band setting.

2.2 Airflow Levels Settings

Not available for External airflow type.

Function	Default setting	Set value
MAXIMUM LEVEL		
Supply Airflow		_____
Extract Airflow		_____
HIGH LEVEL		
Supply Airflow		_____
Extract Airflow		_____
NORMAL LEVEL		
Supply Airflow		_____
Extract Airflow		_____
LOW LEVEL		
Supply Airflow		_____
Extract Airflow		_____
MINIMUM LEVEL		
Supply Airflow		_____
Extract Airflow		_____

3 Advanced settings

3.1 Temperature Control

Function	Default setting	Set value
Control mode	Supply air temperature control	Supply air temperature control ○ Room temperature control ○ Extract air temperature control ○
Temperature unit	Celsius	Celsius ○ Fahrenheit ○

3.2 Fan Control

3.2.1 Pressure Sensors*

Function	Default setting	Set value
SUPPLY AIR FAN CONTROL		
Pressure at 0V	0 Pa	_____ Pa
Pressure at 10V	300 Pa	_____ Pa
EXTRACT AIR FAN CONTROL		
Pressure at 0V	0 Pa	_____ Pa
Pressure at 10V	300 Pa	_____ Pa
SAF K-Factor (Airflow type: Flow)	20	____
EAF F-Faktor (Airflow type: Flow)	20	____
Unit (Airflow type: Flow)	l/s	l/s ○ m^3/h ○
Unit (Airflow type: Pressure)	Pa	Pa ○ inwc ○

* Only available if Flow or Pressure airflow type is selected.

3.3 Demand Control

Function	Default setting	Set value
SENSORS	OFF	OFF ☐ RH Sensor ☐ CO_2 Sensor ☐
Setpoint Summer	60 %	____ %
Setpoint Winter	50 %	____ %
CO_2 Sensor Setpoint	900 ppm	____ ppm
INDOOR AIR QUALITY CONTROL		
Improving Air Quality	Normal	Normal ○ High ○ Maximum ○
Good Air Quality	Low	Low ○ Normal ○

3.4 Moisture Transfer Control

* Only available if heat exchanger type is selected as Rotating.

Function	Default setting	Set value
Status	ON	OFF ○ ON ○
Setpoint	40%	____%

3.5 Defrosting Control*

Function	Default setting	Set value
Mode	Normal	Soft ○ Normal ○ Hard ○

* Only available if heat exchanger type is selected as Plate.

3.6 Components

Make sure to record inputs and outputs of connected component and related sensors in sections 3.7 *Input* and 3.8 *Output*.

3.6.1 Heater

Function	Default setting	Set value
Type	**None**	**None** ○ **Electrical** ○ **Water** ○ Change-over* ○
Circulation Pump Start Temperature** Circulation Pump Stop Delay**	10°C 5 min	____ °C ____ min

* If Change-over is selected at heater type, the cooler type must be also set as Change-over.

** Only available if heater type Water or Change-over is selected.

3.6.2 Cooler

Function	Default setting	Set value
Type	None	None ○ Water ○ Change-over* ○
Outside Air Temperature Interlock	10°C	____ °C
Circulation Pump Stop Delay**	5 min	____ min

* If Change-over is selected at cooler type, the heater type must be also set as Change-over.

** Only available if heater type Water or Change-over is selected.

3.6.3 Extra Controller

Function	Default setting	Set value
Extra Controller Mode	None	None ○ Preheater ○ Heating ○ Cooling ○
Set-Point	0°C	____ °C

Function	Default setting	Set value
		Auto ☐
P-Band	4 °C	____ °C
I-Time	0	____ seconds
Circulation Pump Start Temperature*	10°C	____°C
Circulation Pump Stop Delay	5 min	____ min

* Only available if Preheater or Heating is selected

3.7 Input

Record changes only.

3.7.1 Analog

	Default setting		Set value	
Type	Input number	Compensation	Input number	Compensation
_____	1–7	-9.9...9.9°C	___	____°C
_____	1–7	-9.9...9.9°C	___	____°C
_____	1–7	-9.9...9.9°C	___	____°C
_____	1–7	-9.9...9.9°C	___	____°C
_____	1–7	-9.9...9.9°C	___	____°C

3.7.2 Digital

	Default setting		Set value	
Type	Input number	Polarity	Input number	Polarity
_____	1–2	NO/NC	_____	_____
_____	1–2	NO/NC	_____	_____
_____	1–2	NO/NC	_____	_____
_____	1–2	NO/NC	_____	_____
_____	1–2	NO/NC	_____	_____

3.7.3 Universal

Table 1 Universal inputs are on Connection board only

Signal type	Input type	Default setting		Set value	
		Input number		Input number	Compensation
ANALOG	_____	1–5		___	___
	_____	1–5		___	___
	_____	1–5		___	___
	_____	1–5		___	___
		Input number	Polarity	Input number	Polarity
DIGITAL	_____	1–5	NO/NC	___	___
	_____	1–5	NO/NC	___	___
	_____	1–5	NO/NC	___	___
	_____	1–5	NO/NC	___	___
	_____	1–5	NO/NC	___	___

3.8 Output

3.8.1 Analog

Type	Default setting	Set value	
	Output number	Output number	Output type
_____	1–5	___	___ V
_____	1–5	___	___ V
_____	1–5	___	___ V
_____	1–5	___	___ V

3.8.2 Digital

Type	Output number	Set value
_____	1–4	___
_____	1–4	___
_____	1–4	___
_____	1–4	___

3.9 Communication

Function	Default setting	Set value
Address	0	_____
Baud Rate	9600	_____
Parity	None	None ☐
		Even ☐
		Odd ☐

4 Notes

5 Client confirmation

Date:	Location:	Name:	Signature / Stamp:

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