

Product manual

Air curtains

SONATA 4

Air distribution

Version 1.0.2
Date: 22.08.2024.

SONATA 4

- AC version airflow up to 3.500 m³/h (ISO 27 327-1)
- EC version airflow up to 4.800 m³/h (ISO 27 327-1)
- Straw System– maximising the screening effect
- Recommended installation height up to 3m
- Length: 1.0; 1.5; 2.0; 2.5m
- Low profile design
- Integrated AirGENIO PRIME or AirGENIO BASIC control

The SONATA 4 is a low profile air curtain designed for horizontal installation at the entry doors of retail shops, shopping centres, restaurants, administrative buildings, and manufacturing facilities with a recommended installation height up to 3m*.

* Maximum recommended installation height – may vary according to the particular conditions at the installation site.

The air curtain has a self-supporting casing made from a galvanized metal sheet powder-coated in RAL9016 colour in a glossy smooth finish; any RAL colour may be provided upon the customer's request.

The air curtain is equipped with a cross-flow fan optionally with 3-speed AC motor or energy-efficient EC motor controlled PWM. The fan motors feature integrated maintenance free ball-bearings and thermal protection.

The air curtain has an option for heating and it can be equipped with LPHW coil or electric wire heater.

The air curtain's exhaust nozzle is equipped with a unique Straw System Technology, which relies on a special tubing system to control airflow performance and maximise the screening effect. The Straw System ensures a laminar, compact and stable airflow across the entire exhaust nozzle. The exhaust nozzle can be set up from 3° to 15° angle to direct the airflow stream against the door opening.




The air curtain features an integrated control system, which can be either the simple power control AirGENIO BASIC or the sophisticated control AirGENIO PRIME, which optimizes the air curtain's operation to ensure interior comfort while minimizing operating cost.

The air curtain shall be installed indoors in a dry environment with ambient temperatures ranging from 0 °C up to +40 °C and relative humidity of up to 80%. It is designed to convey air free of fine dust, grease, chemical fumes, and other impurities. The IP rating of the air curtain is IP20. It is recommended that air curtain projects always be developed by an HVAC designer or engineer.



- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Control](#)
- ▼ [Accessories](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)

PRODUCT OVERVIEW

-  air-only
-  water heater
-  electric wire heater

- [Product overview](#)
- [Ordering key](#)
- [Installation](#)
- [Control](#)
- [Accessories](#)
- [Diagrams](#)
- [Maintenance](#)

PRODUCT OVERVIEW

PRIMARY PARAMETERS

Air curtains with electric heaters are equipped with an automatic heat thermostat and emergency thermostat with manual reset. Air curtains with LPHW coil are designed for a maximum operating water temperature of +130 °C and a maximum operating pressure of 1.6 MPa.

AC 50/60Hz

Type	Recommended installation height [m]	Air output [m³/h] *1			Acoustic pressure at 3m [dB(A)]*2			Sound power [dB(A)]*3
		Speed 3	Speed 2	Speed 1	Speed 3	Speed 2	Speed 1	
SONATA 4-10-E0-EC	3	1350	900	700	47	38	29	68
SONATA 4-15-E0-EC		2200	1550	1150	48	43	35	69
SONATA 4-20-E0-EC		3000	2200	1450	50	45	34	71
SONATA 4-25-E0-EC		3500	3200	2350	50	50	45	72
SONATA 4-10-E1-EC		1350	900	700	47	38	29	68
SONATA 4-15-E1-EC		2200	1550	1150	48	43	35	69
SONATA 4-20-E1-EC		3000	2200	1450	50	45	34	71
SONATA 4-25-E1-EC		3500	3200	2350	50	50	45	72
SONATA 4-10-E2-EC		1350	900	700	47	38	29	68
SONATA 4-15-E2-EC		2200	1550	1150	48	43	35	69
SONATA 4-20-E2-EC		3000	2200	1450	50	45	34	71
SONATA 4-25-E2-EC		3500	3200	2350	50	50	45	72
SONATA 4-10-W-EC		1300	900	700	47	40	34	68
SONATA 4-15-W-EC		2000	1500	1150	48	44	37	70
SONATA 4-20-W-EC		2950	2300	1650	50	48	39	72
SONATA 4-25-W-EC		3700	3200	2350	51	50	44	73
SONATA 4-10-N-EC		1350	900	700	47	38	29	68
SONATA 4-15-N-EC		2200	1550	1150	48	43	35	69
SONATA 4-20-N-EC		3000	2200	1450	50	45	34	71
SONATA 4-25-N-EC		3500	3200	2350	50	50	45	72

EC 50/60Hz

Type	Recommended installation height [m]	Sound power [dB(A)]*2					Acoustic pressure at 3 m [dB(A)]*1					Sound power [dB(A)]*3
		Fan speed										
		100%	80%	60%	40%	20%	100%	80%	60%	40%	20%	
SONATA 4-10-E0-EC	3	2000	1850	1430	1020	650	54	51	45	37	24	75
SONATA 4-15-E0-EC		2700	2300	1730	1200	600	54	51	45	35	23	76
SONATA 4-20-E0-EC		3900	3400	2500	1700	950	55	52	46	36	24	77
SONATA 4-25-E0-EC		4800	4200	3200	2200	1200	56	53	48	40	26	78
SONATA 4-10-E1-EC		2000	1850	1430	1020	650	54	51	45	37	24	75
SONATA 4-15-E1-EC		2700	2300	1730	1200	600	54	51	45	35	23	76
SONATA 4-20-E1-EC		3900	3400	2500	1700	950	55	52	46	36	24	77
SONATA 4-25-E1-EC		4800	4200	3200	2200	1200	56	53	48	40	26	78
SONATA 4-10-E2-EC		2000	1850	1430	1020	650	54	51	45	37	24	75
SONATA 4-15-E2-EC		2700	2300	1730	1200	600	54	51	45	35	23	76
SONATA 4-20-E2-EC		3900	3400	2500	1700	950	55	52	46	36	24	77
SONATA 4-25-E2-EC		4800	4200	3200	2200	1200	56	53	48	40	26	78
SONATA 4-10-W-EC		1750	1500	1200	730	440	51	49	44	34	25	72
SONATA 4-15-W-EC		2450	2050	1600	1050	550	51	48	44	34	25	73
SONATA 4-20-W-EC		3550	3000	2300	1550	830	54	50	46	36	22	76
SONATA 4-25-W-EC		4200	3550	2700	1800	1000	55	51	45	35	25	77
SONATA 4-10-N-EC		2000	1850	1430	1020	650	54	51	45	37	24	75
SONATA 4-15-N-EC		2700	2300	1730	1200	600	54	51	45	35	23	76
SONATA 4-20-N-EC		3900	3400	2500	1700	950	55	52	46	36	24	77
SONATA 4-25-N-EC		4800	4200	3200	2200	1200	56	53	48	40	26	78

*1 Airflow volume according ISO27327-1
 *2 Acoustic pressure values at 3m distance for maximum speed. Directional factor: Q=2.
 *3 Sound power (LWA) measurements according to ISO 27327-2.

AC

Type	Heater power output [kW]		Total power input [kW]	Total voltage/ current [V/A]	Motor voltage/ current [V/A]	Temperature increase Δt [°C]*4	Frequency [Hz]	Weight [kg]
	1st step	2nd step						
SONATA 4-10-E0-EC	3,2	4,7	4,90	400 / 7,6	230 / 0,6	10,4	50/60	24,4
SONATA 4-15-E0-EC	3,8	7,5	7,70	400 / 11,4	230 / 0,9	10,2		30,4
SONATA 4-20-E0-EC	4,8	9,5	9,80	400 / 15,4	230 / 1,4	9,4		38,4
SONATA 4-25-E0-EC	7	12	12,40	400 / 19	230 / 1,4	10,2		45,4
SONATA 4-10-E1-EC	3,2	6,3	6,50	400 / 14	230 / 0,6	13,9		24,4
SONATA 4-15-E1-EC	5	10	10,20	400 / 20,5	230 / 0,9	13,6		30,4
SONATA 4-20-E1-EC	6,3	12,6	12,90	400 / 26,5	230 / 1,4	12,5		38,4
SONATA 4-25-E1-EC	8	16	16,40	400 / 24	230 / 1,4	13,6		45,4
SONATA 4-10-E2-EC	4,7	9,5	9,70	400 / 14,2	230 / 0,6	21,0		24,4
SONATA 4-15-E2-EC	7,5	15	15,20	400 / 21,6	230 / 0,9	20,3		30,4
SONATA 4-20-E2-EC	9,5	19	19,30	400 / 28,8	230 / 1,4	18,9		38,4
SONATA 4-25-E2-EC	12,2	24,5	24,90	400 / 36,8	230 / 1,4	20,9		45,4
SONATA 4-10-W-EC	19*4		0,20	230 / 0,6	230 / 0,6	36,6		25,6
SONATA 4-15-W-EC	27*4		0,20	230 / 0,9	230 / 0,9	35,2		32,1
SONATA 4-20-W-EC	38*4		0,30	230 / 1,4	230 / 1,4	34,4		41,6
SONATA 4-25-W-EC	46*4		0,40	230 / 1,4	230 / 1,4	34,5		48,6
SONATA 4-10-N-EC	-	-	0,10	230 / 0,6	230 / 0,6	-		22,6
SONATA 4-15-N-EC	-	-	0,20	230 / 0,9	230 / 0,9	-		28,6
SONATA 4-20-N-EC	-	-	0,30	230 / 1,4	230 / 1,4	-		36,6
SONATA 4-25-N-EC	-	-	0,40	230 / 1,4	230 / 1,4	-		42,6

EC

Type	Heater power output [kW]		Total power input [kW]	Total voltage/ current [V/A]	Motor voltage/ current [V/A]	Temperature increase Δt [°C]*4	Frequency [Hz]	Weight [kg]
	1st step	2nd step						
SONATA 4-10-E0-EC	3,2	4,7	5,10	400 / 9,6	230 / 2,8	7,0	50/60	23,2
SONATA 4-15-E0-EC	3,8	7,5	7,90	400 / 13,5	230 / 3	8,3		29,6
SONATA 4-20-E0-EC	4,8	9,5	9,94	400 / 17,2	230 / 3,4	7,3		34,5
SONATA 4-25-E0-EC	7	12	12,44	400 / 19	230 / 3,5	7,5		41,5
SONATA 4-10-E1-EC	3,2	6,3	6,70	400 / 14	230 / 2,8	9,4		23,2
SONATA 4-15-E1-EC	5	10	10,40	400 / 20,5	230 / 3	11,0		29,6
SONATA 4-20-E1-EC	6,3	12,6	13,04	400 / 26,5	230 / 3,4	9,6		34,5
SONATA 4-25-E1-EC	8	16	16,44	400 / 24	230 / 3,5	9,9		41,5
SONATA 4-10-E2-EC	4,7	9,5	9,90	400 / 16,1	230 / 2,8	14,2		23,2
SONATA 4-15-E2-EC	7,5	15	15,40	400 / 23,7	230 / 3	16,6		29,6
SONATA 4-20-E2-EC	9,5	19	19,44	400 / 30,8	230 / 3,4	14,5		34,5
SONATA 4-25-E2-EC	12,2	24,5	24,94	400 / 38,5	230 / 3,5	15,2		41,5
SONATA 4-10-W-EC	18,7*4		0,30	230 / 2,4	230 / 2,4	31,8		24,4
SONATA 4-15-W-EC	26,3*4		0,40	230 / 3	230 / 3	32,0		31,3
SONATA 4-20-W-EC	37,4*4		0,44	230 / 3,4	230 / 3,4	31,4		37,7
SONATA 4-25-W-EC	45,8*4		0,44	230 / 3,4	230 / 3,4	32,5		44,7
SONATA 4-10-N-EC	-	-	0,40	230 / 2,8	230 / 2,8	-		21,4
SONATA 4-15-N-EC	-	-	0,40	230 / 3	230 / 3	-		27,8
SONATA 4-20-N-EC	-	-	0,44	230 / 3,4	230 / 3,4	-		32,7
SONATA 4-25-N-EC	-	-	0,44	230 / 3,5	230 / 3,5	-		38,7

*1 Airflow volume according ISO27327-1

*2 Acoustic pressure values at 3m distance for maximum speed. Directional factor: Q=2.

*3 Sound power (LWA) measurements according to ISO 27327-2.

*4 Intake air temperature +18°C, C, water temperature gradient of 90/70 °C and highest fan speed.

- [Product overview](#)
- [Ordering key](#)
- [Installation](#)
- [Control](#)
- [Accessories](#)
- [Diagrams](#)
- [Maintenance](#)

PRODUCT OVERVIEW

AC

LPHW coil parameters for water temperature gradient of 90/70 °C

Type	Air output	Heating output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
SONATA 4-10-W-EC	1300	16,0	54,4	14,8	0,20
SONATA 4-15-W-EC	2000	23,6	53,0	10,5	0,29
SONATA 4-20-W-EC	2950	34,0	52,1	14,6	0,42
SONATA 4-25-W-EC	3700	42,9	52,3	24,4	0,53

LPHW coil parameters for water temperature gradient of 70/50 °C

Type	Air output	Heating output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
SONATA 4-10-W-EC	1300	10,3	41,5	6,9	0,12
SONATA 4-15-W-EC	2000	15,1	40,4	4,7	0,18
SONATA 4-20-W-EC	2950	21,8	39,9	6,5	0,27
SONATA 4-25-W-EC	3700	27,7	40,2	11,1	0,34

LPHW coil parameters for water temperature gradient of 90/70 °C

Type	Air output	Heating output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
SONATA 4-10-W-EC	1300	16,0	54,4	14,8	0,20
SONATA 4-15-W-EC	2000	23,6	53,0	10,5	0,29
SONATA 4-20-W-EC	2950	34,0	52,1	14,6	0,42
SONATA 4-25-W-EC	3700	42,9	52,3	24,4	0,53

LPHW coil parameters for water temperature gradient of 70/50 °C

Type	Air output	Heating output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
SONATA 4-10-W-EC	1300	10,3	41,5	6,9	0,12
SONATA 4-15-W-EC	2000	15,1	40,4	4,7	0,18
SONATA 4-20-W-EC	2950	21,8	39,9	6,5	0,27
SONATA 4-25-W-EC	3700	27,7	40,2	11,1	0,34

* Temperature of intake air: +18 °C

LPHW coil parameters for water temperature gradient of 80/60 °C

Type	Air output	Heating output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
SONATA 4-10-W-EC	1300	13,2	48,0	10,5	0,16
SONATA 4-15-W-EC	2000	19,4	46,7	7,3	0,24
SONATA 4-20-W-EC	2950	27,9	46,0	10,2	0,34
SONATA 4-25-W-EC	3700	35,3	46,3	17,2	0,43

LPHW coil parameters for water temperature gradient of 60/40 °C

Type	Air output	Heating output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
SONATA 4-10-W-EC	1300	7,4	34,9	3,8	0,09
SONATA 4-15-W-EC	2000	10,8	33,9	2,5	0,13
SONATA 4-20-W-EC	2950	15,6	33,7	3,5	0,19
SONATA 4-25-W-EC	3700	20,1	34,0	6,2	0,24

LPHW coil parameters for water temperature gradient of 80/60 °C

Type	Air output	Heating output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
SONATA 4-10-W-EC	1300	13,2	48,0	10,5	0,16
SONATA 4-15-W-EC	2000	19,4	46,7	7,3	0,24
SONATA 4-20-W-EC	2950	27,9	46,0	10,2	0,34
SONATA 4-25-W-EC	3700	35,3	46,3	17,2	0,43

LPHW coil parameters for water temperature gradient of 60/40 °C

Type	Air output	Heating output	Temperature at exhaust	Pressure loss	Water flow
	[m³/h]	[kW]	[°C]	[kPa]	[l/s]
SONATA 4-10-W-EC	1300	7,4	34,9	3,8	0,09
SONATA 4-15-W-EC	2000	10,8	33,9	2,5	0,13
SONATA 4-20-W-EC	2950	15,6	33,7	3,5	0,19
SONATA 4-25-W-EC	3700	20,1	34,0	6,2	0,24

* Temperature of intake air: +18 °C

- [Product overview](#)
- [Ordering key](#)
- [Installation](#)
- [Control](#)
- [Accessories](#)
- [Diagrams](#)
- [Maintenance](#)

Recommended mixing points for LPHW coil 2-way valve

Type	Control module	90 / 70 °C	80 / 60 °C	70 / 50 °C	60 / 40 °C
SONATA 4-10-W	PRIME	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20	ZV2-024-08,0-20
SONATA 4-15-W					
SONATA 4-20-W					
SONATA 4-25-W					
SONATA 4-10-W	BASIC	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20
SONATA 4-15-W					
SONATA 4-20-W					
SONATA 4-25-W					

* Additional reduction needed from DN25 to DN20

Recommended mixing points for LPHW coil 3-way valve

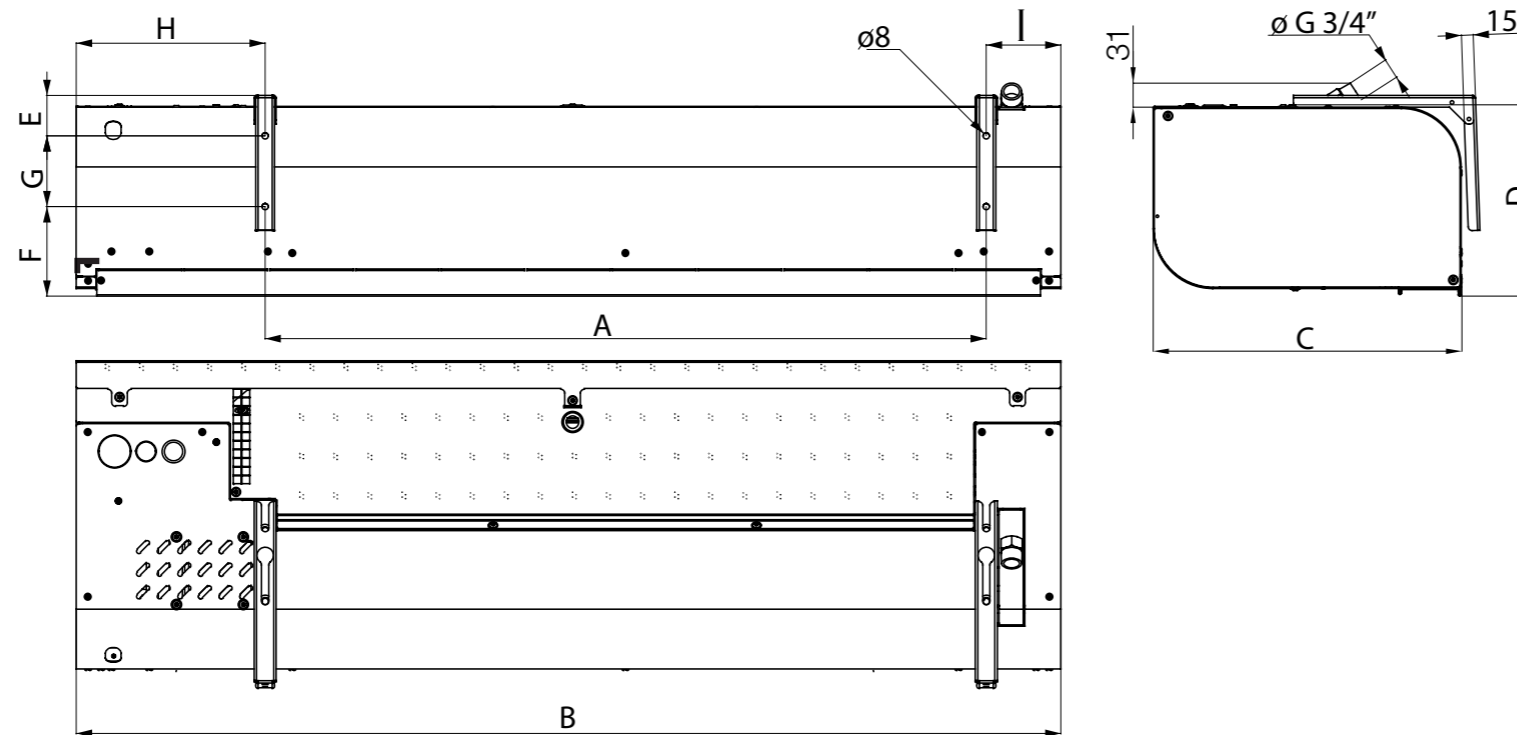
Type	Control module	90 / 70 °C	80 / 60 °C	70 / 50 °C	60 / 40 °C
SONATA 4-10-W	PRIME	ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20
SONATA 4-15-W		ZV3-024-06,3-20	ZV3-024-04,0-20	ZV3-024-04,0-20	ZV3-024-04,0-20
SONATA 4-20-W		ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20	ZV3-024-06,3-20
SONATA 4-25-W		ZV3-024-10,0-25 *	ZV3-024-10,0-25 *	ZV3-024-10,0-25 *	ZV3-024-10,0-25 *
SONATA 4-10-W	BASIC	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
SONATA 4-15-W		ZV3-230-21,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20	ZV3-230-04,0-20
SONATA 4-20-W		ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-21,0-20	ZV3-230-04,0-20
SONATA 4-25-W		ZV2-230-21,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20	ZV2-230-08,0-20

* Additional reduction needed from DN25 to DN20

- [Product overview](#)
- [Ordering key](#)
- [Installation](#)
- [Control](#)
- [Accessories](#)
- [Diagrams](#)
- [Maintenance](#)

PRODUCT OVERVIEW

DIMENSIONS



Type	A	B	C	D	E	F	G	H	I
SONATA 4-10	916	1252	392	244	51	111	90	240	95
SONATA 4-15	1325	1660	392	244	51	111	90	240	95
SONATA 4-20	1825	2160	392	244	51	111	90	240	95
SONATA 4-25	2235	2570	392	244	51	111	90	240	95

- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Control](#)
- ▼ [Accessories](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)

DIMENSIONS

- [▼ Product overview](#)
- [▼ Ordering key](#)
- [▼ Installation](#)
- [▼ Control](#)
- [▼ Accessories](#)
- [▼ Diagrams](#)
- [▼ Maintenance](#)



ORDERING KEY

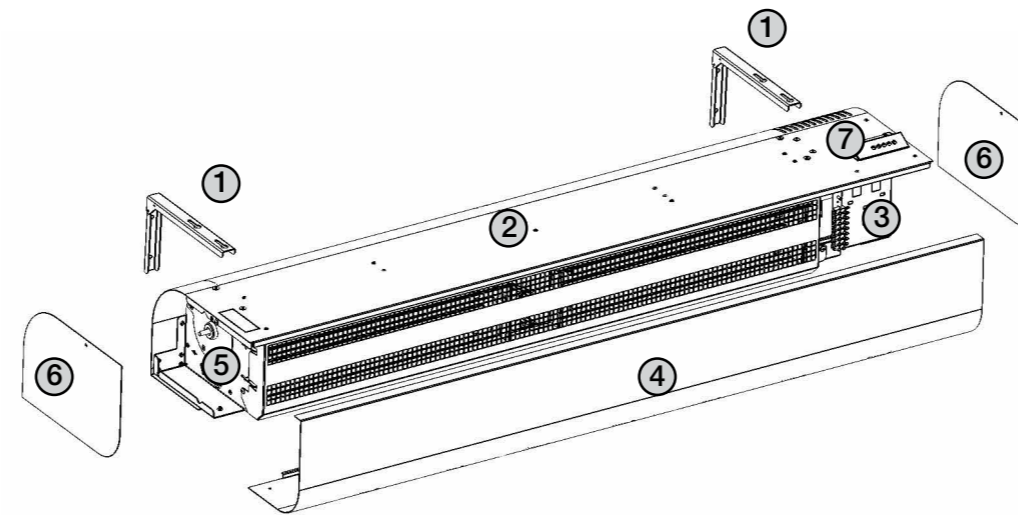
AIR CURTAINS

ORDERING KEY

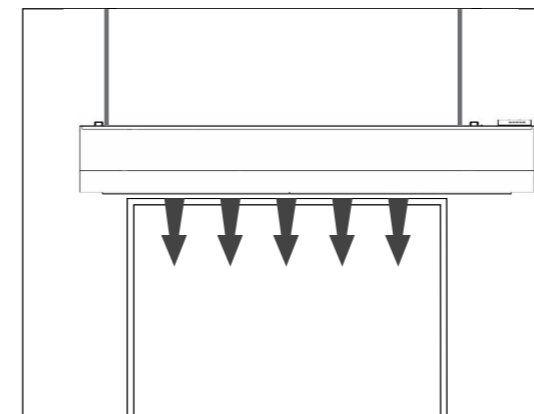
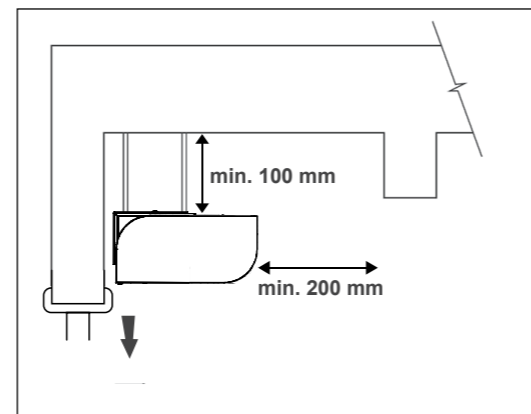
(1) Air curtain	(2) Curtain type	(3) Type of heater	(4) Fan motor type	(5) Controller	(6) RAL				
SONATA 4	-	10	E2	-	AC	-	PR	-	0
(1) Air curtain: SONATA 4	(2) Length: 10 - 1 m 15 - 1.5 m 20 - 2 m 25 - 2.5 m	(3) Type of heater: N – without heating regulation E0 – electric lower heat output E1 – electric standard heat output E2 – electric higher heat output W – with water heater regulation	(4) Fan motor type: EC – EC motor AC – AC motor	(5) Controller: BA – Basic control integrated PR – Prime master control panel integrated PS – Prime sub without control panel	(6) Finish: 0 – Standard RAL 9016 9 – Any other RAL				

INSTALLATION AND ASSEMBLY

- The air curtain must be installed in a horizontal position only.
- The air curtain shall be located as close as possible to the top edge of the doorway, and a distance from walls that is in accordance with fire safety and building codes of the country where unit is installed. For manufacturer recommended distance see figures below.
- To ensure proper function it is recommended that the air curtain overlaps the doorway by 100 mm on both sides.
- Correct operation of the air curtain requires that specified distances from the surrounding objects are observed, see figure.
- Please take note of water and power supply connections when installing air curtain.
- The air curtain shall be installed using supplied brackets.



- ① Mounting brackets (included with delivery)
- ② Top cover
- ③ Connection dock for controls module
- ④ Intake grill
- ⑤ Connection dock for LPHW
(only on water versions)
- ⑥ Side cover
- ⑦ Main power supply connection























- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Control](#)
- ▼ [Accessories](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)

INSTALLATION

CONTROL

Overview of functions and sensor connections

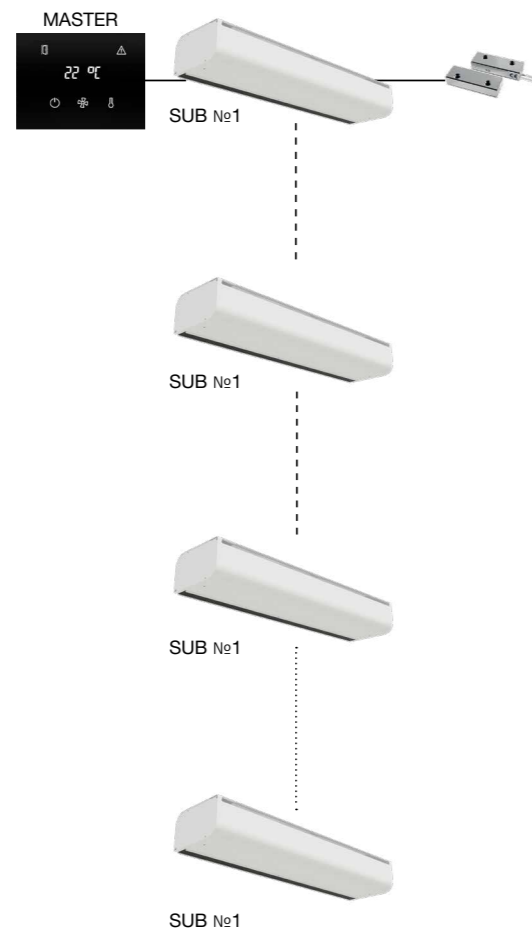
	AirGENIO control	PRIME	BASIC
	Control type	7-segment display with 3 capacity buttons	Manual switch
	Mode	Manual / Auto	Manual
	AC Fan control	AC – 3 steps	AC – 3 steps
	EC Fan control	EC – PWM/0-10V	EC – PWM/0-10V
	Electric heater control	PWM	0 / 50% / 100%
	Water heater control	ON-OFF or 0-10V (settable logic NO/NC)	ON-OFF
	Status indication	Yes (LED on display)	No
	AirGENIO PRIME application	Change of settings	No
	Auto-speed control	Yes	No
	Timer	Yes	No
	Temperature control	Yes (NTC) Built in control panel	No
	DOOR contact connection	Yes Settable logic (NO/NC)	Yes (230V only)
	Summer mode	Yes	No
	Antifreeze protection (LPHW)	Yes (Control by room temperature sensor)	No
	Chaining	Yes (max. 10pcs)	No
	ERROR contact	Yes (Jumper setting) / HEAT or RUN+ERROR	No
	RUN contact	Yes (Jumper setting) / HEAT or RUN+ERROR	No
	External control	Yes settable logic (NO/NC)	Yes
	BMS connection	Modbus RTU	No
	Clean intervals	Yes	No

- [▶ Product overview](#)
- [▶ Ordering key](#)
- [▶ Installation](#)
- [▶ Control](#)
- [▶ Accessories](#)
- [▶ Diagrams](#)
- [▶ Maintenance](#)

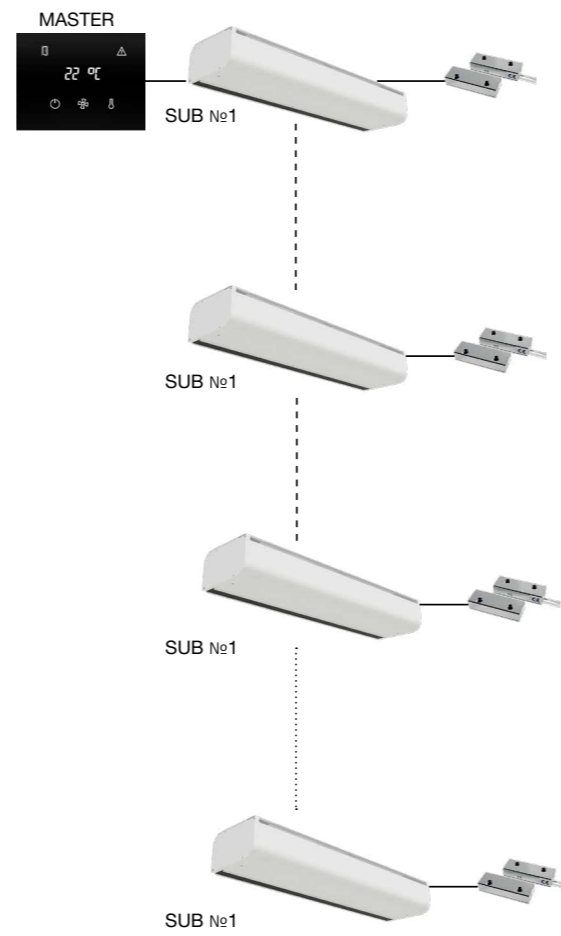
CONTROL

CHAINING EXAMPLE

Global Door contact function active



Global Door contact function NOT active



- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Control](#)
- ▼ [Accessories](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)

CONTROL

ACCESSORIES

2way or 3-way valve with servo drive (0-10V)
ZV2-024-xx,x-xx
ZV3-024-xx,x-xx
 (only for PRIME)



2-way or 3-way valve with servo drive (230V)
ZV2-230-xx,x-xx
ZV3-230-xx,x-xx
 (for control BASIC, PRIME)



Room thermostat
TER-P



Room temperature sensor
CT-ROOM



Magnetic door contact in a metal housing
 with higher protection against mechanical
 damage
DK-B-3



- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Control](#)
- ▼ [Accessories](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)

ACCESSORIES

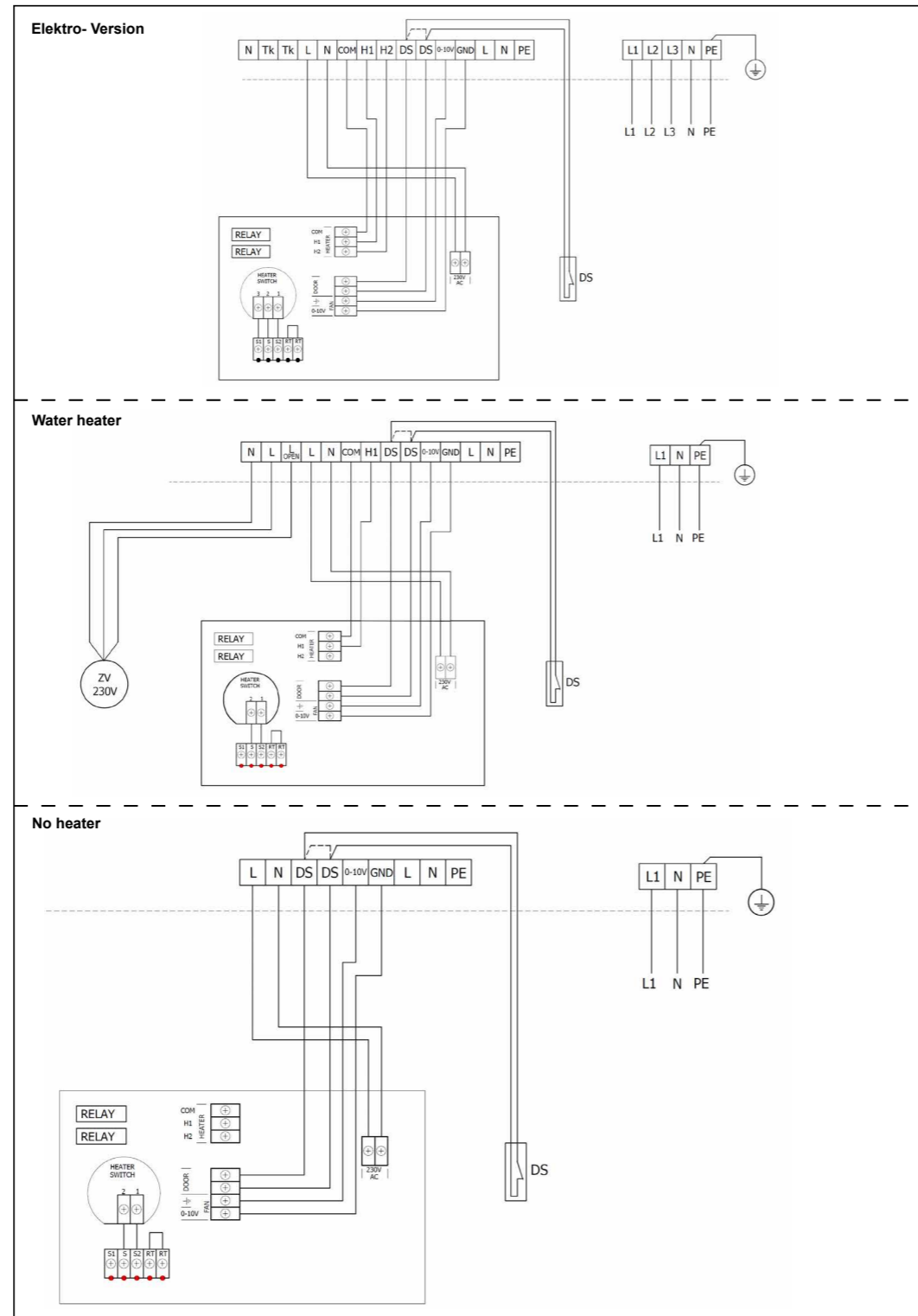
WIRING DIAGRAMS

The recommended cross-section of the main power supply cables is stated in the Instruction Manual.
All wiring diagrams provided in the technical catalog are indicative only. When assembling the product, carefully observe the nameplate ratings as well as directions and diagrams affixed directly to the product or enclosed with the product.



AirGENIO BASIC

BASIC EC

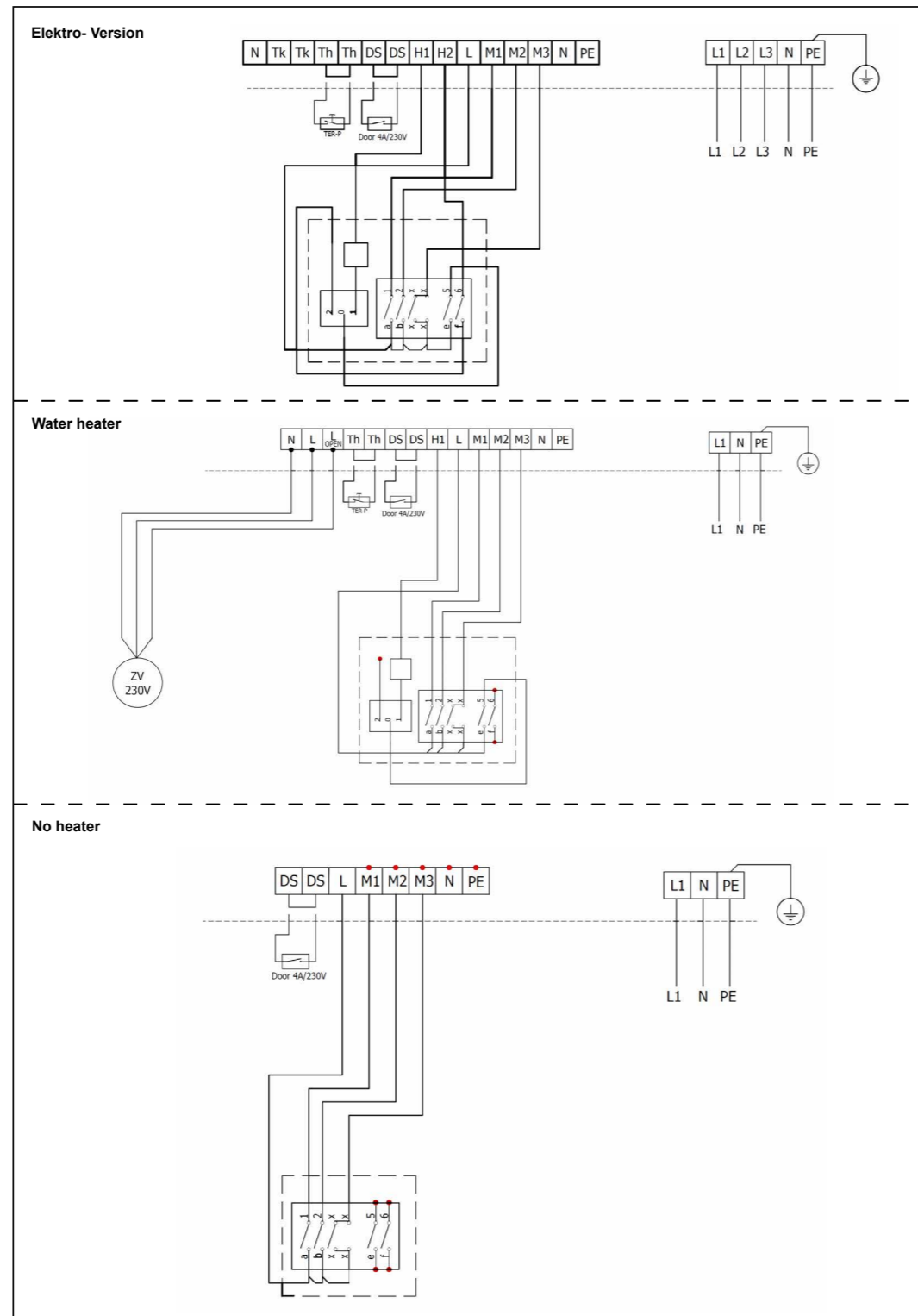


- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Control](#)
- ▼ [Accessories](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)

WIRING DIAGRAMS

WIRING DIAGRAMS

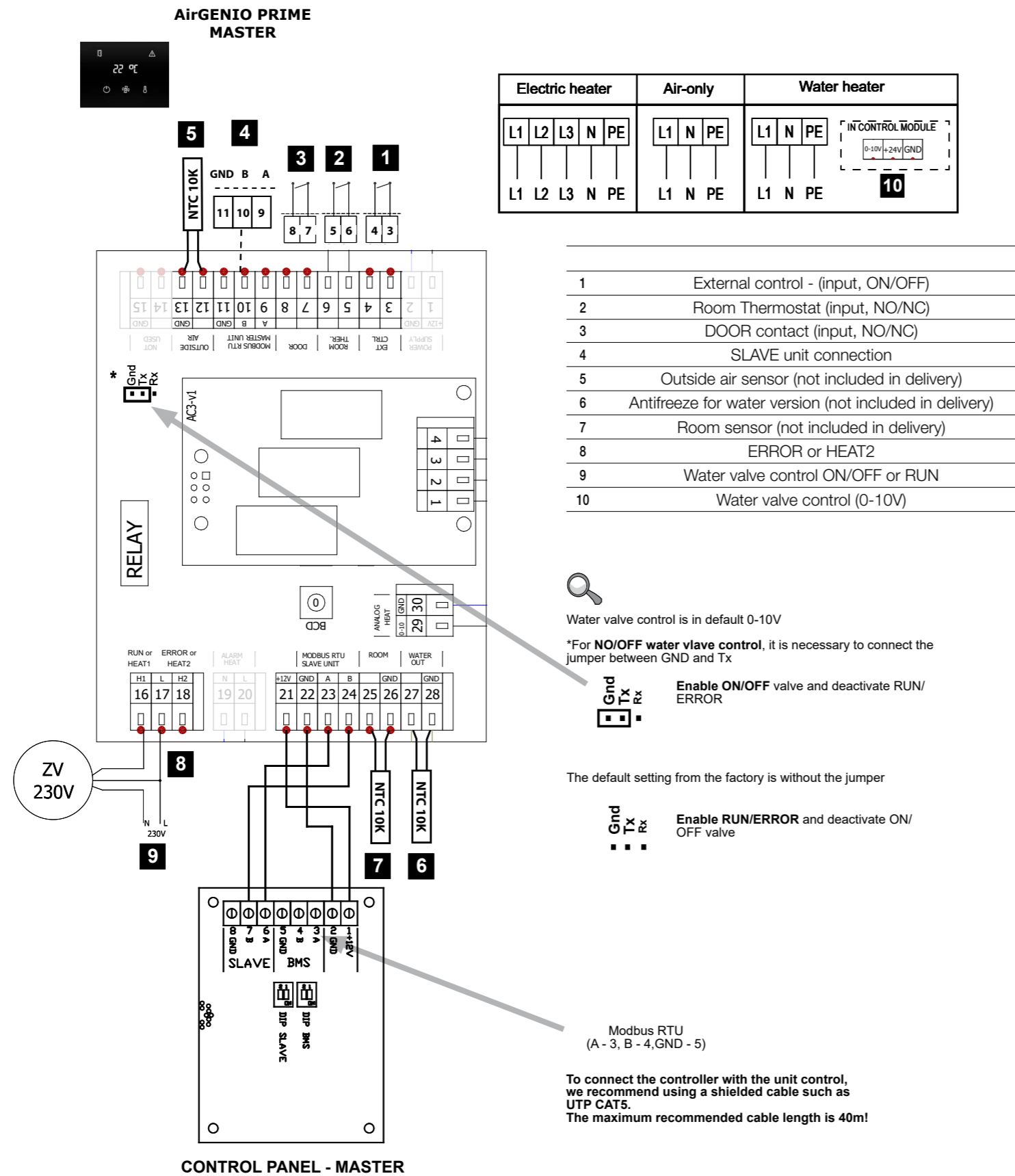
BASIC AC



- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Control](#)
- ▼ [Accessories](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)

WIRING DIAGRAMS

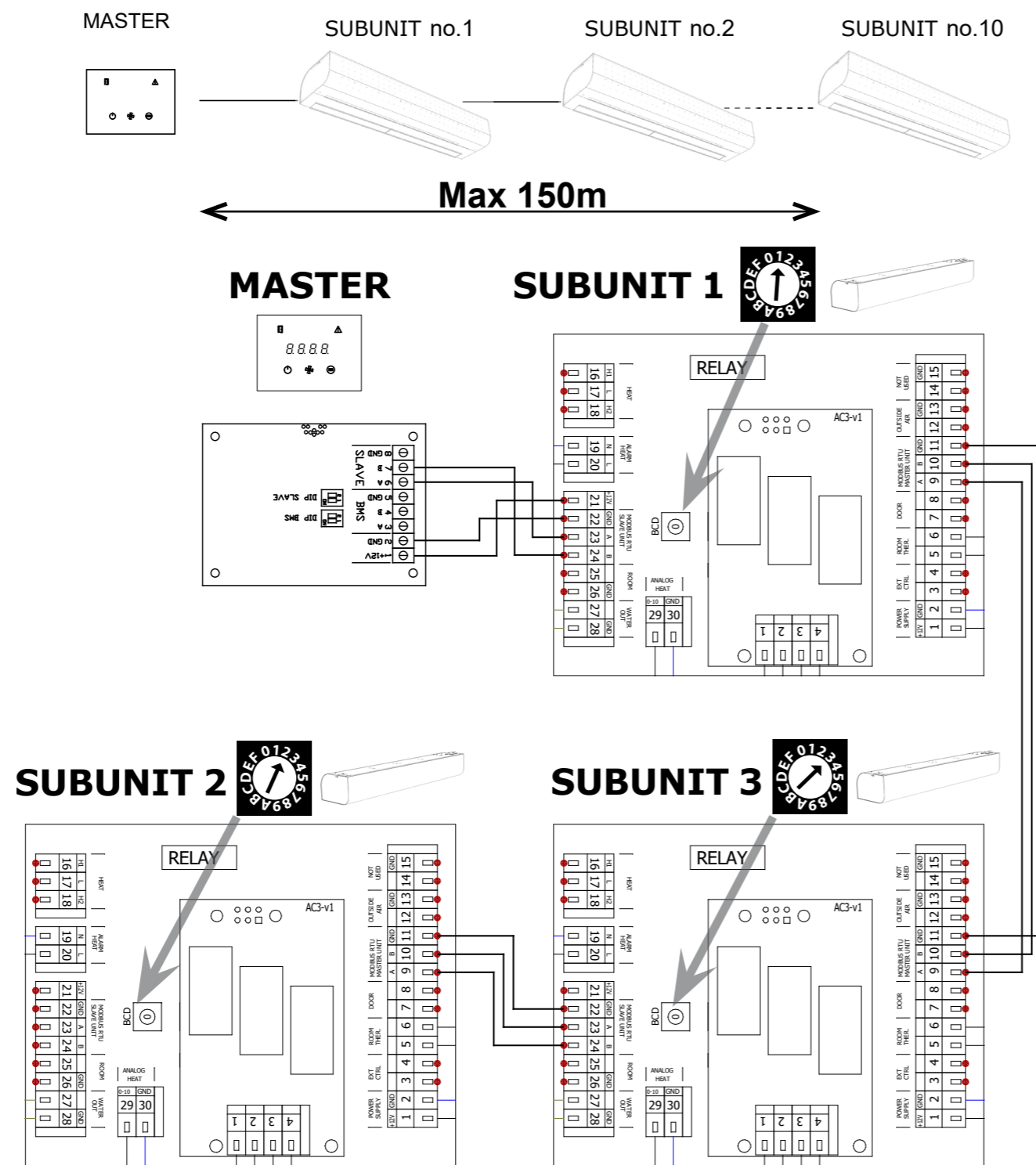
AC/EC



- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Control](#)
- ▼ [Accessories](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)

WIRING DIAGRAMS

WIRING DIAGRAMS



- ▶ [Product overview](#)
- ▶ [Ordering key](#)
- ▶ [Installation](#)
- ▶ [Control](#)
- ▶ [Accessories](#)
- ▶ [Diagrams](#)
- ▶ [Maintenance](#)

WIRING DIAGRAMS



- ▼ [Product overview](#)
- ▼ [Ordering key](#)
- ▼ [Installation](#)
- ▼ [Control](#)
- ▼ [Accessories](#)
- ▼ [Diagrams](#)
- ▼ [Maintenance](#)



TRANSPORT

After arrival, check the product for transport damage and shortcomings. In case of any damage or shortcomings, immediately contact your supplier.

STORAGE

If the product is not installed immediately:

- Remove any wrapping.
- Protect product from dust and contamination.
- Do not expose the curtain to the effects of weather, store the damper in a dry place.

Please properly dispose of packaging material!

MAINTENANCE AND OPERATION

Klimaoprema products are designed as such do not require cleaning and regular maintenance. However, mechanism should be systematically cleaned for proper operation.

- Provide a systematic cleaning of dust
- Cleaning instruction: clean with a sponge, with water or a mild detergent

COMMISSIONING

- Carefully unpack - be careful of sharp edges and do not use excessive force for unpacking
- Ensure that all grilles are clean and free from residues and foreign matter.
- Ensure that the devices have been correctly installed
- Before commissioning: check the product functions



AIR CURTAINS

Design, Herstellung und Wartung von Geräten für Klimatisierung, Lüftung und Reinräume.
Design, production and service of Ventilation, Air-Conditioning and Clean room equipment.

-  Gradna 78A, 10430 Samobor, Croatia
-  +385 (0)1 33 62 513
-  info@klimaoprema.com
-  www.klimaoprema.com