

Air Conditioning
Cooling



Heating
Ventilation

HVAC air curtains

Type SlideAir

HVAC® Air curtains

The Integrated Air Curtain

SlideAir

Designed for automatic sliding doors



The **SlideAir** is a special air curtain for automatic sliding doors, which is mounted directly at the door motor drive and fits discreetly into the overall sizes.

The **SlideAir** is an attractive device in self-supporting design compounded from sheet-steel finishing in powder coated RAL 9010 (pure white). Other colours are available on request.

The hot water model of the **SlideAir** includes a copper/aluminium heating system that is designed for high performance and a broad range of applications. The heating connections are located by default on the left or right top.

The electrically heated version employs resistor heaters 400 V of corrosion-resistant, helical ribs with thermal overheating protection.

The double-surged anti-vibration radial fans, that are supplied with alternating current are extremely silent in the operation and provide the power-specific airflows. They are equipped with thermal contacts for a comprehensive motor protection.

The **SlideAir** blow-out Jet-Flo is made of anodized aluminium finishing in device colour. Regulation airflow with five-stage touch button control (hot water) or five-stage air control and three-stage heat control (electrical). Including hand/auto and summer/winter operation control.

Delivered with 20-meter length of regulating cable with 2 x RJ45 connectors.

All our air curtains are TÜV SÜD certified.



HVAC®

Air curtains

SlideAir

Standard equipment (included in the price of the basic model)

Comfort controls standard

Type H5 CW (hot water heater), five-stage air control with touch button, hand/auto and summer/winter toggles, in an attractive surface-mounted housing (122 x 70 x 35 mm), with concealed brackets.

Type H5 CE (electrical heater), five-stage air control and three-stage heating power with touch button, in an attractive surface-mounted housing (122 x 70 x 35 mm), with concealed brackets.

De luxe controls (optional)

Type H5 DW (hot water heater), energy saving control, five-stage air control with touch button, hand/auto and summer/winter toggles, complete with temperature sensor, timer, room temperature protection, in an attractive surface-mounted housing (122 x 70 x 35 mm), with concealed brackets.

Type H5 DE (electrical heater), energy saving control, five-stage air control and three-stage heating power with touch button, complete with temperature sensor, timer, room temperature protection, in an attractive surface-mounted housing (122 x 70 x 35 mm), with concealed brackets.

SlideAir-EC - Accessories (optional)

Antifreeze thermostat type FTM-E, assembled, design with capillary pipe sensor Length of capillary pipe 3 m, constructed as change-over switch for devices with **H5 CW and H5 CE** control.

Thermostatic regulator valve (assembled or separately enclosed)

Type MR2-20L ¾" and MR2-25L 1"

Thermostatic regulator valve (straight-way valve) **MR2-2XL** with a thermostat head for lining-up of a constant blow temperature, separately enclosed.

Type MR3-20L ¾" and MR3-25L 1"

Thermostatic regulator valve (three-way valve) **MR3-2XL** with thermostat head for lining-up of a constant blow temperature, separately enclosed.

Thermoelectric stop valve

Type TEV-20L ¾" and TEV-25L 1"

Thermoelectric stop valve of type **TEV-2XL** 230 V, closed de-energized, separately enclosed.

Scope of application:

To shut-off water supply, for the summer switching, for the connection of controls or to regulate the flow of water with facility control.



HVAC®

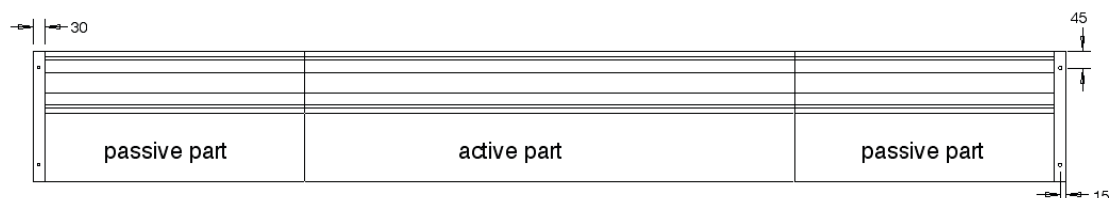
Air curtains

Specifications

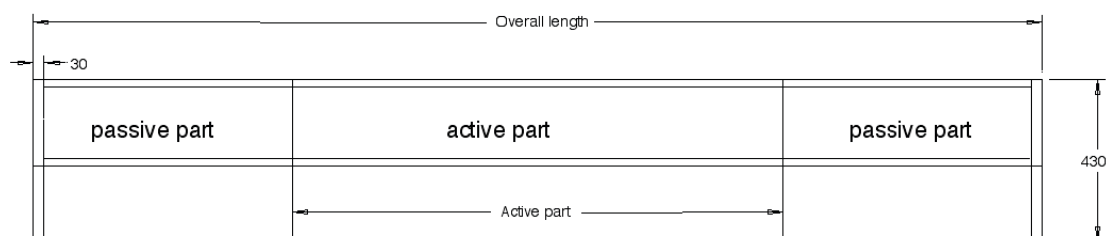
SlideAir			1					2					3				
Installation height	max.	[m]	2,3					2,7					3,5				
Active part		[cm]	100	150	200	250	300	100	150	200	250	300	100	150	200	250	300
Air flow		[m ³ /h]	1200	1800	2400	3000	3300	1800	2400	3600	4200	4800	2700	3600	5400	6300	7200
Air flow	lowest stage	[m/s]	3,7	3,7	3,7	3,7	3,7	5,5	5,5	5,5	5,5	5,5	8,3	8,3	8,3	8,3	8,3
	highest stage	[m/s]	7,1	7,1	7,1	7,1	7,1	10,6	10,6	10,6	10,6	10,6	15,8	15,8	15,8	15,8	15,8
Noise level	lowest stage	[dB(A)]	≤40	≤40	≤40	≤40	≤40	≤40	≤41	≤41	≤41	≤41	≤40	≤40	≤43	≤43	≤43
	highest stage	[dB(A)]	52	53	54	55	56	53	54	55	56	57	53	55	58	60	61
Heating capacity	w 80/60 °C	[kW]	8,8	21,9	23,8	39,3	44,8	13,3	22,0	33,8	41,8	49,5	17,5	28,7	44,3	55,0	65,4
	w 70/50 °C	[kW]	6,9	16,8	17,9	31,0	35,5	12,5	16,3	25,8	32,3	38,7	11,8	21,3	33,8	42,4	50,9
	w 55/45 °C	[kW]	6,7	13,1	14,2	23,4	26,7	8,0	13,1	20,2	25,0	29,6	10,5	17,2	26,6	32,9	39,2
Water flow	w 80/60 °C	[m ³ /h]	0,4	1,0	1,1	1,8	2,0	0,6	1,0	1,5	1,9	2,2	0,8	1,3	2,0	2,5	2,9
	w 70/50 °C	[m ³ /h]	0,3	0,8	0,8	1,4	1,6	0,6	0,8	1,2	1,5	1,7	0,6	1,0	1,5	1,9	2,3
	w 55/45 °C	[m ³ /h]	0,6	1,2	1,3	2,1	2,4	0,7	1,2	1,8	2,2	2,6	1,0	1,5	2,4	2,9	3,5
Water pressure	w 80/60 °C	[kPa]	9,7	1,9	1,9	6,2	7,2	1,4	1,7	3,6	5,7	6,7	1,1	2,5	5,6	7,0	10,7
	w 70/50 °C	[kPa]	6,4	1,3	1,3	4,2	5,0	5,6	1,1	2,4	3,8	4,5	0,6	1,6	3,7	4,6	7,1
	w 55/45 °C	[kPa]	2,6	2,5	2,6	8,5	10,1	1,8	2,2	5,0	7,9	9,4	1,4	3,4	7,8	9,8	15,1
Pipe connection	Supply	[inch]	1/2	3/4	3/4	3/4	1	1/2	3/4	3/4	3/4	1	3/4	3/4	3/4	1	1
	Return	[inch]	1/2	3/4	3/4	3/4	1	1/2	3/4	3/4	3/4	1	3/4	3/4	3/4	1	1
Electrical Data		[V]	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
		[kW]	0,35	0,44	0,70	0,79	0,96	0,49	0,74	0,98	1,23	1,47	0,74	0,98	1,47	1,72	1,96
		[A]	1,6	2,0	3,2	3,6	4,3	2,2	3,3	4,4	5,4	6,5	3,3	4,4	6,5	7,6	8,7
Electrical Register	E-Stage 1	[kW]	--	--	--	--	--	3,0	4,0	6,0	7,5	10,0	4,0	6,0	10,0	10,6	12,0
	E-Stage 2	[kW]	--	--	--	--	--	6,0	8,0	12,0	15,0	20,0	8,0	12,0	20,0	21,3	24,0
	(three stage, 400V, 3Ph, 5C E-Stage 3)	[kW]	--	--	--	--	--	9,0	12,0	18,0	22,5	30,0	12,0	18,0	30,0	32,0	36,0
Weight		[kg]	Depending of the passive parts														
Dimensions	Width (active part)	[mm]	1000	1500	2000	2500	3000	1000	1500	2000	2500	3000	1000	1500	2000	2500	3000
	Height	[mm]	230+200					360+200					360+200				
	Depth	[mm]	346					346					346				

SlideAir-1, 2 and

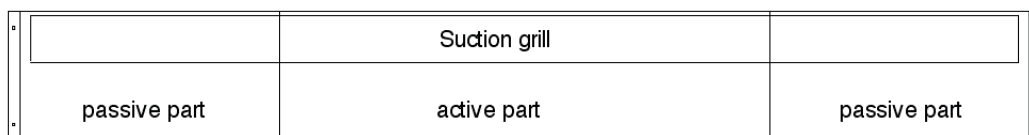
Bottom view



Front view



Top view





www.hvac.eu

HVAC Nederland

Postbus 2
1970 AA IJmuiden
The Netherlands

T (+31) 255 52 24 20

info@hvac.eu
www.hvac.eu

