

Air Conditioning
Cooling



Heating
Ventilation

HVAC air curtains

Type CassetAir

HVAC®

Air curtains

Standard Cassette air curtain

CassetAir



The range of **CassetAir** air curtains consist of a self-supporting galvanized steel-sheet housing with sound-insulating lining and a maintenance flap at the bottom.

Anodized natural-coloured aluminium blow ribs, which are parallel adjustable in the angle of 15°. The intake louver consists of perforated steel-sheet coated in device colours with a EU2 filter behind it.

Easy mounting frame for flush ceiling installations for the installation in suspended ceilings.

Hot water design with heat exchanger in copper-aluminium, default connectors at the left side. Adoptions for connectors at the right top or at the left or right side on request.



Electrical design with resistor heaters, corrosion-resistant with helical ribs and thermal overheating protection. The double-surged anti-vibration radial fans, equipped with energy saving EC motor, are supplied with direct current and are extremely silent in the operation and provide the power-specific airflows. M8 rivet nuts at the top for ceiling installation.

Airflow regulation via five-stage touch button control, hand/auto and summer/winter operation (hot water) or five-stage air control and three-stage heat control (electrical).

Finishing in RAL colour 9016 or in any RAL colour on request.
Our air curtains are TÜV SÜD certified.



CassetAir

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

Comfort controls standard

Type H5 CW-EC (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-EC (electrical heater), energy saving control, 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-EC (hot water heater), 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-EC (electrical heater), 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.

CassetAir - 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-EC and H5 CE-EC** 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.

Vibration-cushioned ceiling bracket

Type DHD 4/6

Up to 2.0 m length DHD 4, from 2.5 m length of the devices onwards DHD 6.

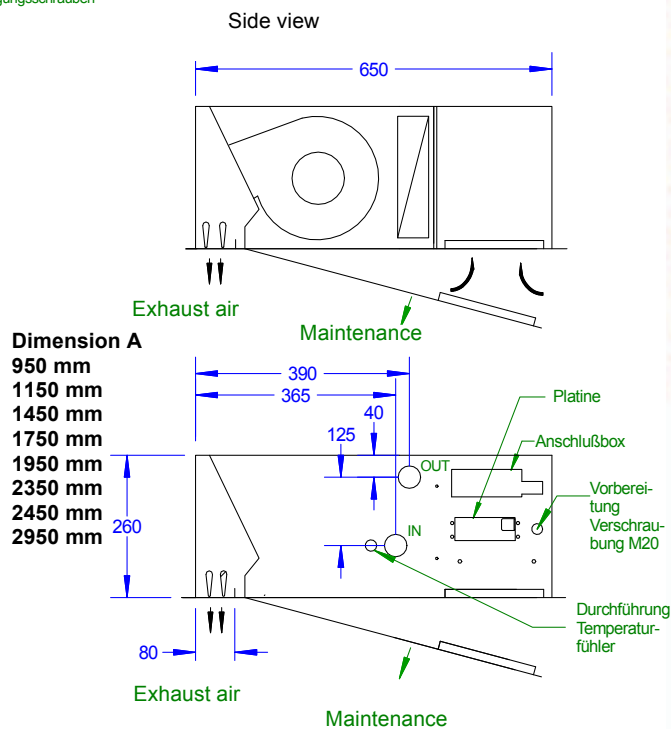
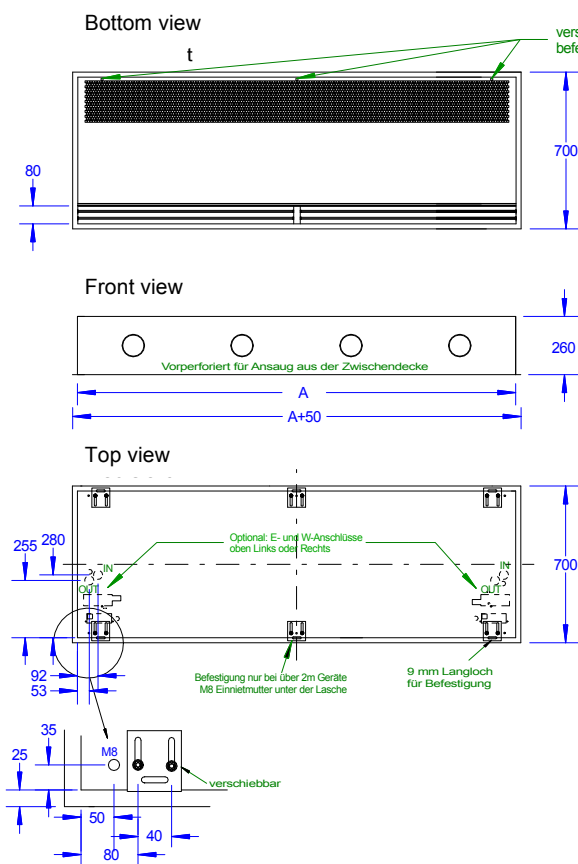
The length of the ceiling bracket type DHD 4/6 can be adjusted. Standard bracket length 1.0 meter 4 or 6 pieces.

Specifications

Series		CassetAir-1					CassetAir-2					CassetAir-3				
Widths	cm	100	150	200	250	300	100	150	200	250	300	100	150	200	250	300
Installation height	max. m	2,2	2,2	2,2	2,2	2,2	2,4	2,4	2,4	2,4	2,4	2,7	2,7	2,7	2,7	2,7
Blow velocity	max. m/s	5,4	5,4	5,4	5,4	5,4	7,9	7,3	7,7	7,6	7,8	9,7	9,6	9,5	9,4	10,4
Air flow	3. Stage m³/h	1200	1800	2400	3000	3600	1800	2700	3600	4500	5400	2700	3600	5400	6300	7200
Noise level min.-max.*	dB(A)	40-53	40-54	40-55	40-56	40-57	40-54	40-55	40-56	40-57	40-58	40-55	40-56	40-57	40-58	40-59
Heating power max. (80/60°C)**	kW	12,4	16,3	18,8	22,7	41,0	16,4	21,1	24,2	29,2	54,5	27,3	28,3	34,9	40,4	73,3
	(60/40°C)**	kW	6,7	12,2	17,3	19,7	8,7	16,2	23,2	25,8	39,1	15,3	21,7	33,7	36,2	53,4
Flows	(80/60°C)**	m³/h	0,6	0,7	0,8	1,0	1,8	0,7	0,9	1,1	1,3	1,2	1,2	1,5	1,8	3,2
	(60/40°C)**	m³/h	0,3	0,5	0,8	0,9	1,3	0,4	0,7	1,0	1,1	0,7	1,0	1,5	1,6	2,3
Water pressure	(80/60°C)**	kPa	4,9	9,4	2,9	3,6	10,2	8,4	15,4	4,6	5,8	17,8	25,8	29,4	10,3	11,9
	(60/40°C)**	kPa	1,5	12,7	4,7	2,8	6,4	2,5	21,3	8,0	4,7	11,0	8,6	43,4	18,9	9,8
Pipe connections	Supply	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Return	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Heating capacity	Electrical Supply	kW	3/6/9	4/8/12	6/12/18	6/12/18	6/12/18	3/6/9	4/8/12	6/12/18	6/12/18	10/20/30	6/12/18	7,5/12/18	10/20/30	10,6/21,3/32
Electrical Data	V	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
	kW	0,26	0,3	0,52	0,65	0,59	0,30	0,44	0,59	0,74	0,89	0,44	0,59	0,89	1,04	1,18
	A	1,2	1,4	2,4	3,0	2,8	1,4	2,1	2,8	3,5	4,2	2,1	2,8	4,2	4,9	5,6
Weights "S"	kg	45	76	105	135	152	47	78	108	140	156	50	80	110	142	160

Model CassetAir

CassetAir	1	2	3
Width A+50 [mm]	1000 - 3000		1000-3000
A width	950, 1150, 1450, 1750, 1950, 2350, 2450, 2950		
Height H [mm]	260		260
Depth D [mm]	650		720



TÜV SÜD certified





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