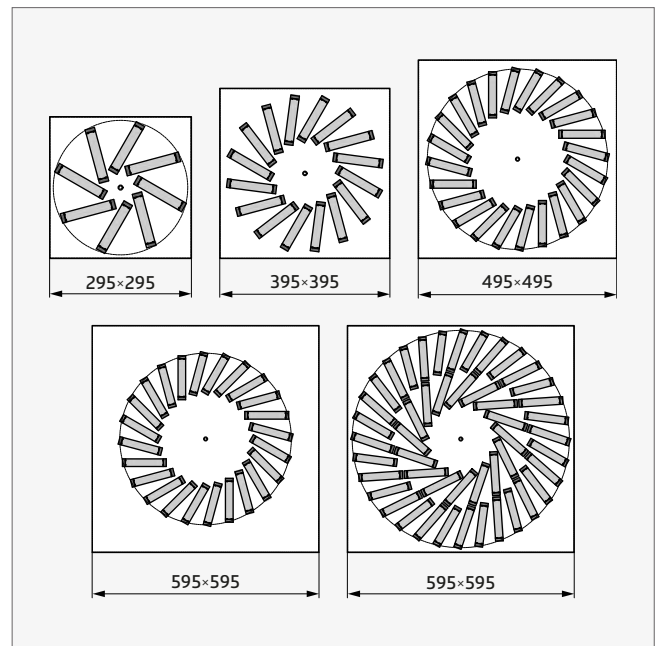




Swirl diffuser **SD-C**



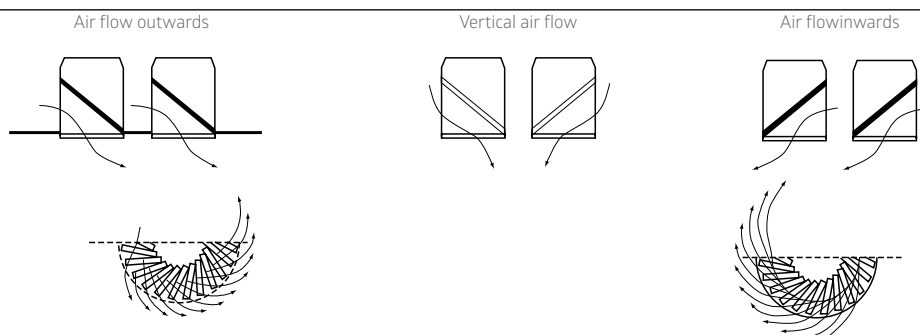
PRODUCT CHARACTERISTICS:

- adjustable lamellas are made of high quality plastic
- **8 to 48 adjustable lamellas disposed radially provide even air distribution**
- possibility to achieve up to 30 air exchanges
- powder-coated
- suitable for air supply and exhaust

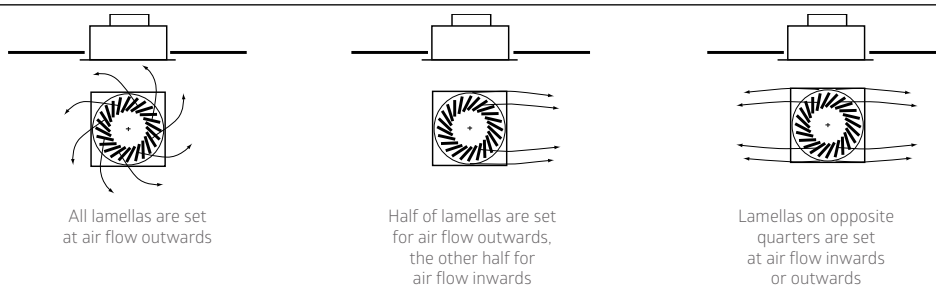
MATERIAL AND COLOUR:

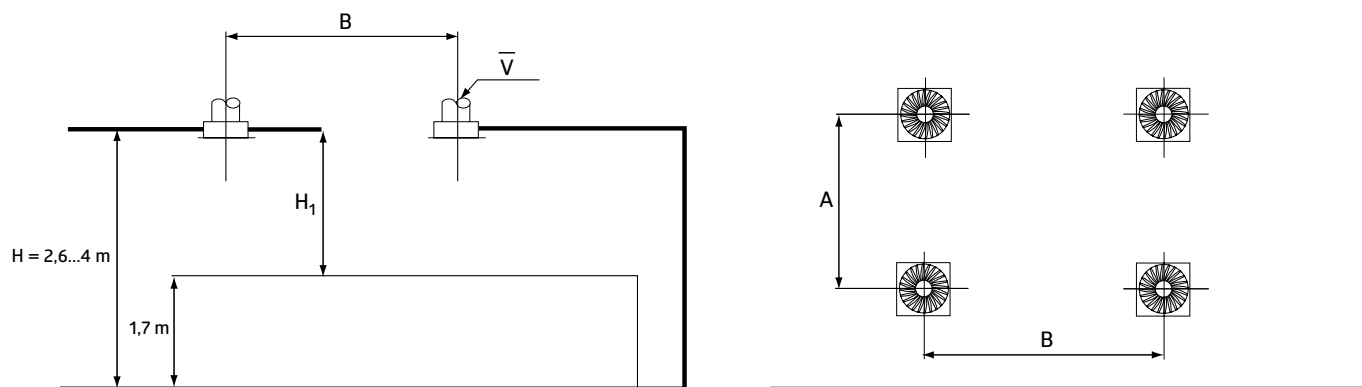
- pressed galvanized steel (diffuser elements)
- RAL 9003

ADJUSTABLE LAMELLAS POSITION:



AIR FLOW DIRECTION FOR SIZES 295/8, 395/16, 495/24, 595/24:



**DIFFUSERS DISPLACEMENT:**

V [m³/h] - air volume H_1 [m] - distance from the people area A, B [m] - interval between two diffusers

TECHNICAL PARAMETERS:

n	V_{max} [m ³ /h]	V_{min} [m ³ /h]	NC_{max} [dB(A)]	NC_{min} [dB(A)]	A [m ²]
SD-C 295 (8)	252	54	40	<20	0,0070
SD-C 395 (16)	396	108	40	<20	0,0140
SD-C 495 (24)	468	144	40	<20	0,0210
SD-C 595 (24)	684	216	40	<20	0,0295
SD-C 595 (48)	828	360	40	<20	0,0390

AIR SUPPLY:

n	Q [m ³ /h]	Ps [Pa]	NC [dB(A)]	n	Q [m ³ /h]	Ps [Pa]	NC [dB(A)]
SD-C 295 (8)	108	10	<20,0	SD-C 595 (24)	288	6	<20
	144	18	22,5		360	8	22
	180	28	28,0		450	13	27
	252	55	38,0		540	19	34
	288	65	42,5		720	30	41
	360	120	50,0		900	40	45
SD-C 395 (16)	180	9	<20,0	SD-C 595 (48)	1080	65	53
	252	18	26,0		360	6	13
	288	23	30,0		450	10	22
	360	35	37,5		540	15	27
	450	50	42,0		720	26	36
	540	70	50,0		900	33	40
SD-C 495 (24)	252	10	15,0		1080	60	40
	360	20	33,0				
	450	28	37,0				
	540	45	43,0				
	630	60	47,0				
	720	70	70,0				

n: number of slots

V: air volume

NC: noise level

A: effective air flow area

Q: air volume

Ps: pressure loss