

**DCE**

**S | R**



## DCE S & R

diffuser with adjustable nozzles with square or round slab

### advantages

- Attractive design.
- Orientation of air jet possible in 1, 2, 3 directions.
- Each nozzle is individually adjustable.
- False ceiling slab 600 x 600.

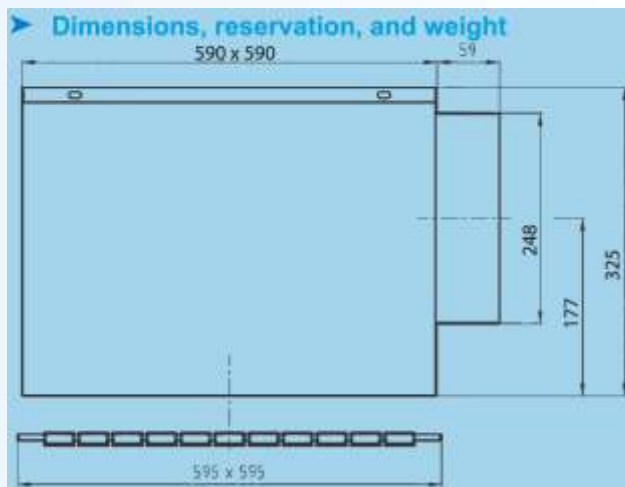


DCE-S



DCE-R

## Technical Description



### range

- DCE-R : 595 x 595 with plenum.
- DCE-S : 595 x 595 with plenum.

### designation

DCE      DCE-R / DCE-S      250-600 RAL 9010  
R : round model  
 S : square model      Dimensions :  
 joining diameter - plate

### application / utilisation

- Designer diffuser and manually adjustable for service buildings.
- Swirl jet particularly adapted to avoid the fall of "air jet" in case of obstacles.

### construction / composition

- Nozzles in composite material.
- Diffuser in steel, white paint finish RAL 9010.


### options

- Without plenum.
- With insulated and soundproof plenum.

### packaging

- Individual.

### specifications

- The diffusers will be in false ceiling format 600 x 600. They will be with manually adjustable nozzles square or circle implanted. The diffusers will enable a swirl air jet or a ceiling effect depending on the premises and the installation of the diffusers.
- They will be in composite or in steel RAL 9010.
- Type DCE-R or DCE-S  brand.

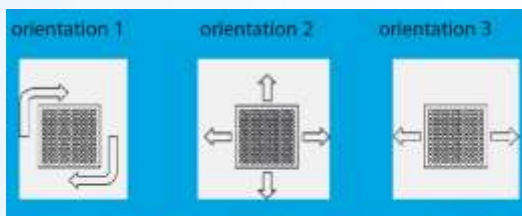
## Selection Chart

DCE-S

Air Flow (m <sup>3</sup> /h)	Dim	orientation 1	orientation 2	orientation 3
200	X (m)	-	0,3	1,7
	P <sub>1</sub> (Pa)	4	4	4
	NR	-	-	-
300	X (m)	1,5	2,1	4,0
	P <sub>1</sub> (Pa)	8	8	8
	L <sub>w</sub> -NR	-	-	-
400	X (m)	2,6	3,4	5,7
	P <sub>1</sub> (Pa)	14	14	14
	NR	8	8	8
500	X (m)	3,4	4,4	7,0
	P <sub>1</sub> (Pa)	22	22	22
	NR	14	14	14
600	X (m)	4,0	5,3	8,1
	P <sub>1</sub> (Pa)	32	32	32
	NR	16	16	16
700	X (m)	4,6	6,0	9,0
	P <sub>1</sub> (Pa)	44	44	44
	NR	20	20	20
800	X (m)	5,1	6,6	9,7
	P <sub>1</sub> (Pa)	58	58	58
	NR	24	24	24
900	X (m)	5,5	7,1	10,4
	P <sub>1</sub> (Pa)	73	73	73
	NR	28	28	28
1000	X (m)	5,9	7,6	11,0
	P <sub>1</sub> (Pa)	91	91	91
	NR	32	32	32

DCE-R

Air Flow (m <sup>3</sup> /h)	Dim	orientation 1	orientation 2	orientation 3
200	X (m)	0,7	1,3	1,7
	P <sub>1</sub> (Pa)	4	4	4
	NR	8	8	8
300	X (m)	1,6	2,3	3,0
	P <sub>1</sub> (Pa)	9	9	9
	L <sub>w</sub> -NR	8	8	8
400	X (m)	2,2	3,0	3,0
	P <sub>1</sub> (Pa)	17	17	9
	NR	8	8	8
500	X (m)	2,7	3,6	3,9
	P <sub>1</sub> (Pa)	26	26	17
	NR	17	17	8
600	X (m)	3,1	4,1	4,6
	P <sub>1</sub> (Pa)	38	38	26
	NR	22	22	17
700	X (m)	3,4	4,5	5,6
	P <sub>1</sub> (Pa)	52	52	52
	NR	28	28	28
800	X (m)	3,7	4,8	6,0
	P <sub>1</sub> (Pa)	68	68	68
	NR	32	32	32



dT = 0 ; Vr = 0,2 m/s

NR < 25

25 ≤ NR < 35