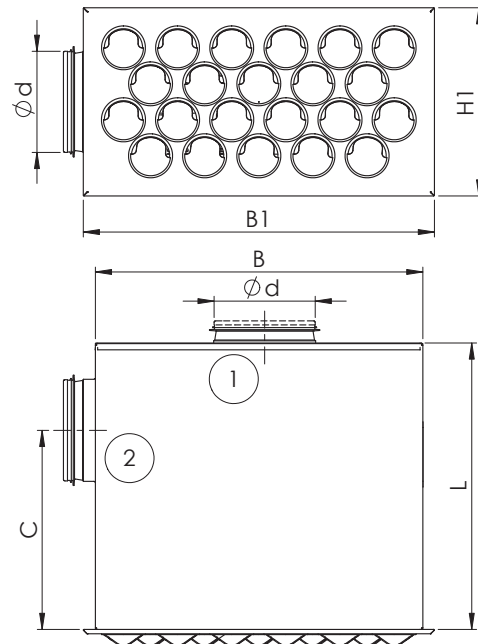


DRZ Nozzle diffuser

DRZ is a rectangular nozzle diffuser with integrated plenum box, which is designed to provide effective supply air distribution at low noise level, while also avoiding draft in the occupied zone.

- Nozzles can be rotated by 360°
- Suitable for wall installation
- Suitable for CAV and VAV systems
- High mixing ratio
- Can be used for heating, cooling and isothermal supply air
- Multiple air distribution patterns:
 - horizontal
 - vertical
- Easy access front panel
- Easy to clean
- With integrated plenum box
- Exact measuring and adjusting of air volumes



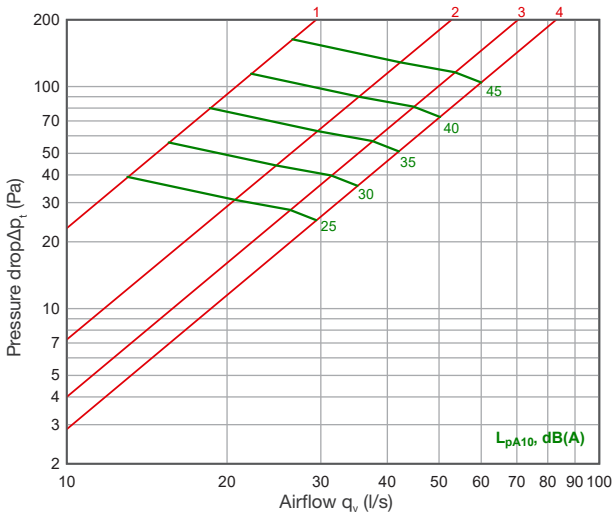
Material and dimensions

Nozzle diffuser box and front panel is manufactured from galvanized steel and the nozzles are from ABS. The front plate and nozzles have a white (RAL 9003), grey (RAL 9006) or black (RAL 9005) finish by standard, but are also available in any other RAL colours.

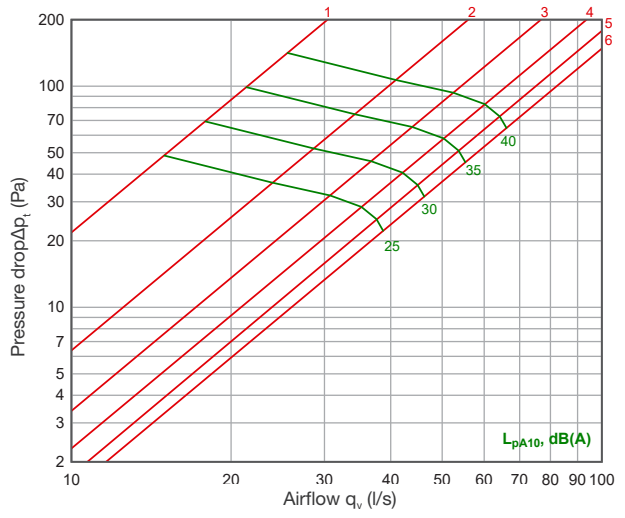
Nominal size Bx H mm	B	H	d	B1	H1	Nozzles, pcs	L	C	Weight, kg
400x150-1	400	150	100	431	181	17	350	230	4,8
400x200-1	400	200	125	431	231	22	380	243	5,9
500x200-1	500	200	160	531	231	30	415	260	6,9
600x250-1	600	250	200	631	281	48	435	280	9,2
750x300-1	750	300	250	781	331	75	415	305	10,5
400x150-2	400	150	100	431	181	17	331	230	4,8
400x200-2	400	200	125	431	231	22	356	243	5,9
500x200-2	500	200	160	531	231	30	391	260	6,9
600x250-2	600	250	200	631	281	48	431	280	9,2
750x300-2	750	300	250	781	331	75	481	305	10,5

Technical data

DRZ 400x150

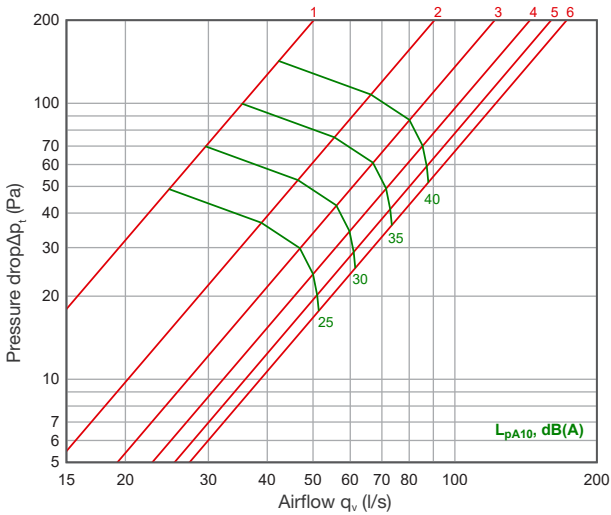


DRZ 400x200

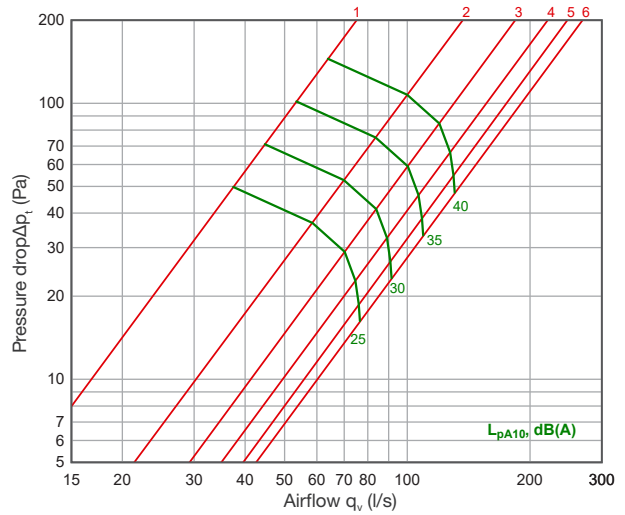


Acoustic data

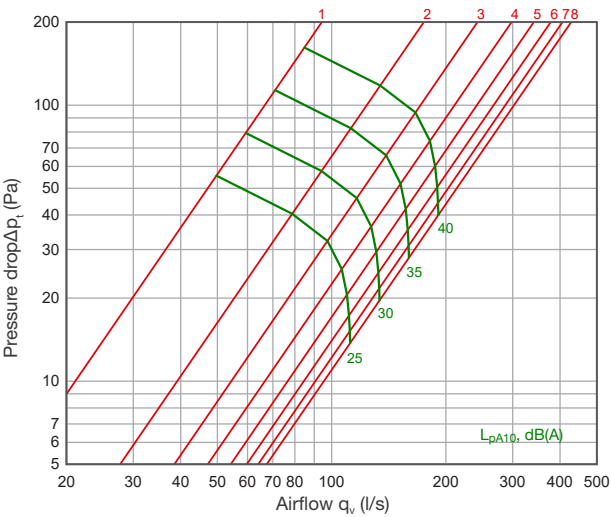
DRZ 500x200



DRZ 600x250



DRZ 750x300



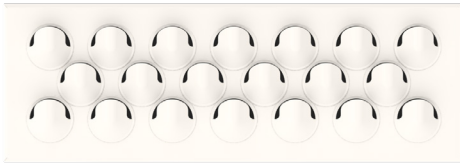
DRZ	Asento	Sound level correction factor K_{okt} (dB)							
		63	125	250	500	1k	2k	4k	8k
DRZ 400x150	s = 1	-7	-3	-2	-2	-5	-9	-16	-21
	s = 2	-6	-1	0	-1	-5	-12	-20	-27
	s = 3	-5	0	2	-1	-5	-13	-22	-30
	s = 4	-4	1	2	0	-5	-14	-24	-32
DRZ 400x200	s = 1	-8	-5	-4	-3	-5	-8	-13	-17
	s = 2	-7	-2	-1	-2	-5	-10	-17	-23
	s = 3	-6	-1	0	-1	-5	-12	-20	-26
	s = 4	-5	0	1	-1	-5	-13	-21	-29
	s = 5	-5	1	2	-1	-5	-13	-23	-30
	s = 6	-4	1	2	0	-5	-14	-24	-32
DRZ 500x200	s = 1	-7	-3	-3	-3	-6	-8	-11	-16
	s = 2	-5	-1	-1	-2	-5	-10	-15	-22
	s = 3	-4	1	1	-2	-5	-12	-18	-25
	s = 4	-3	2	2	-1	-5	-13	-19	-27
	s = 5	-3	2	3	-1	-5	-13	-21	-29
	s = 6	-3	3	3	-1	-5	-14	-22	-31
DRZ 600x250	s = 1	-5	-1	-2	-3	-7	-8	-9	-14
	s = 2	-4	1	1	-3	-6	-10	-13	-20
	s = 3	-3	2	1	-2	-6	-11	-15	-23
	s = 4	-2	3	2	-2	-6	-12	-17	-25
	s = 5	-1	4	3	-1	-6	-13	-18	-27
	s = 6	-1	5	4	-1	-7	-14	-19	-29
DRZ 750x300	s = 1	-6	-2	-3	-4	-7	-7	-7	-12
	s = 2	-4	0	-1	-3	-6	-9	-11	-18
	s = 3	-3	1	0	-2	-6	-10	-14	-21
	s = 4	-3	2	1	-2	-6	-11	-16	-24
	s = 5	-2	3	2	-2	-6	-12	-17	-25
	s = 6	-2	4	3	-1	-6	-13	-18	-27
	s = 7	-1	4	3	-1	-6	-14	-19	-28
	s = 8	-1	5	4	-1	-6	-15	-20	-29

DRZ	Asend	Sound attenuation (dB)							
		Mean frequency of octave band (Hz)							
		63	125	250	500	1k	2k	4k	8k
DRZ 400x150	s = 1	16	12	8	8	10	9	13	20
	s = 4	17	11	8	8	8	6	11	15
DRZ 400x200	s = 1	15	11	7	7	10	10	13	19
	s = 6	15	10	7	7	8	6	10	14
DRZ 500x200	s = 1	13	10	6	7	9	10	13	19
	s = 6	13	9	6	5	8	7	9	13
DRZ 600x250	s = 1	13	7	5	6	8	10	13	18
	s = 6	12	7	5	4	6	6	8	12
DRZ 750x300	s = 1	15	5	5	6	8	11	14	18
	s = 8	12	4	4	3	5	6	8	11

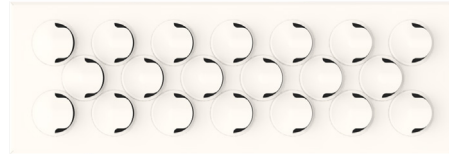
Nozzle settings

The nozzles are located on the front panel of the diffuser, allowing variable options for different air flow patterns. Depending on rooms characteristics and supply air temperature, the air flow can be distributed either horizontally or vertically. The nozzles are preset on 1-way diffusion.

1. 1-way



2. 1-side



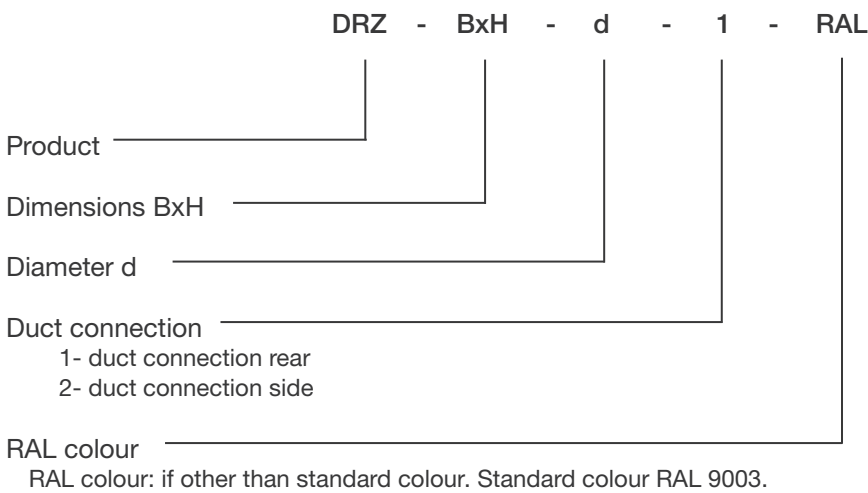
3. 2-side



4. 3-way



Product codes



Example: DRZ 300x150/100-1-1 RAL9006