

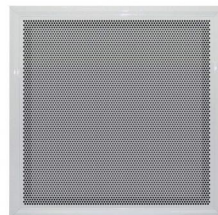
# DATASHEET

rev. 02 - 4/11/2022

White painted metal diffuser with fixed perforated screen and back circular coupler

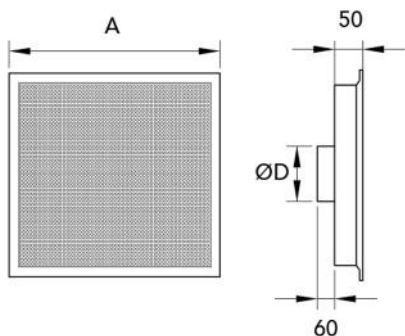
11175070 - 11175071 - 11175072

11175073 - 11175074 - 11175075



## TECHNICAL SPECIFICATIONS:

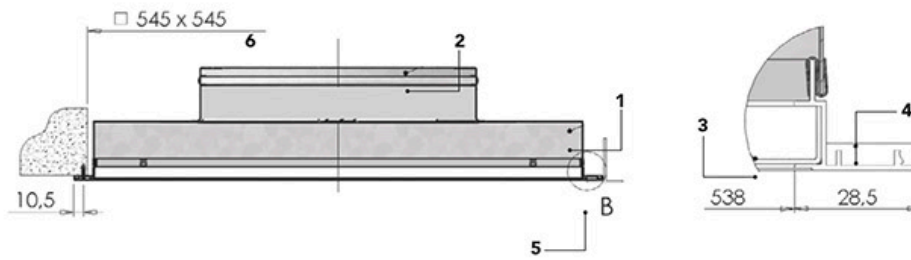
- Made of white painted metal RAL 9016
- Ideal for false ceilings
- Equipped with rear circular coupling
- Installation height 2.5 - 4 m



## DIMENSIONS

CODE	EXTERNAL DIMENSIONS [mm]	NECK Ø [mm]
11175070	595 x 595	122
11175071	595 x 595	147
11175072	595 x 595	197
11175073	595 x 595	247
11175074	595 x 595	312
11175075	595 x 595	397

## INSTALLATION



[1] Plenum

[2] Nominal dimension = flexible hose collar

[3] Drilled panel

[4] Aluminium frame

[5] Installation in support with structures for panelled false ceiling 600x600

[6] Hole dimensions

## TECHNICAL DATA

Speed at the collar [m/s]	2	2,5	3	3,5	4	4,5	5	5,5
Lance [m]	3,6	4,5	5,4	6,3	7,2	8,1	9	9,9
Installation max height [m]	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4
Installation min height [m]	2,7	2,8	2,9	3	3,1	3,2	3,3	3,4
Noise dB	15	16	17	18	19	20	21	22

## TECHNICAL DATA

Speed at the collar [m/s]	2	2,5	3	3,5	4	4,5	5	5,5
Flow rate Q [m³/h]	[m³/h]	[m³/h]	[m³/h]	[m³/h]	[m³/h]	[m³/h]	[m³/h]	[m³/h]
11175070	88	110	132	155	177	199	221	243
11175071	145	181	217	253	289	326	362	398
11175072	226	283	339	396	452	509	565	622
11175073	353	442	530	618	707	795	883	971
11175074	561	701	841	981	1122	1262	1402	1542
11175075	904	1130	1356	1583	1809	2035	2261	2487

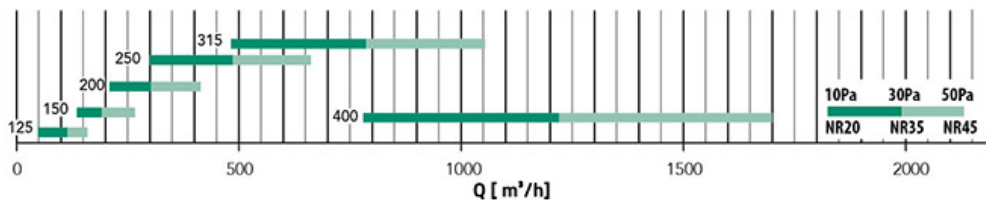
## TECHNICAL DATA

Air speed at the plate	[m/s]							
11175071	0,27	0,33	0,40	0,47	0,53	0,60	0,66	0,73
11175070	0,16	0,20	0,24	0,28	0,32	0,36	0,41	0,45
11175072	0,42	0,52	0,62	0,73	0,83	0,93	1,04	1,14
11175073	0,65	0,81	0,97	1,14	1,30	1,46	1,62	1,78
11175074	1,03	1,29	1,54	1,80	2,06	2,32	2,57	2,83
11175075	1,66	2,08	2,49	2,91	3,32	3,74	4,15	4,57

## TECHNICAL DATA

Load loss	[dPa]							
11175070	5	8	11	15	19	24	30	37
11175071	5	8	11	15	20	25	31	37
11175072	5	8	11	15	20	25	31	38
11175073	5	8	12	16	21	27	33	40
11175074	6	9	14	19	24	31	38	46
11175075	8	13	18	25	32	41	51	61

## RAPID AIR FLOW SELECTION



## ITEMS

CODE	DESCRIPTION
11175070	METAL DIFFUSER WITH WHITE POWDER PAINT FINISH WITH FIXED PERFORATED SCREENS - CONNECTOR Ø 125mm
11175071	METAL DIFFUSER WITH WHITE POWDER PAINT FINISH WITH FIXED PERFORATED SCREENS - CONNECTOR Ø 150mm
11175072	METAL DIFFUSER WITH WHITE POWDER PAINT FINISH WITH FIXED PERFORATED SCREENS - CONNECTOR Ø 200mm
11175073	METAL DIFFUSER WITH WHITE POWDER PAINT FINISH WITH FIXED PERFORATED SCREENS - CONNECTOR Ø 250mm
11175074	METAL DIFFUSER WITH WHITE POWDER PAINT FINISH WITH FIXED PERFORATED SCREENS - CONNECTOR Ø 315mm
11175075	METAL DIFFUSER WITH WHITE POWDER PAINT FINISH WITH FIXED PERFORATED SCREENS - CONNECTOR Ø 400mm