

DM



Description

- DM:** diffuser with multiple jet nozzles, individually adjustable
- flow between 200 and 2500 m³/h
 - application on duct or plenum
 - made of a combination of steel and coated aluminium RAL 9010
 - fastening with visible screws

Accessories

- PL:** side entry plenum (on request)
PT: upper entry plenum (on request)
I: external anti-condensate insulation fire-resistance class B-s2-dO

Special versions

- FS:** fastening with concealed bracket (list price + €20)
 • calendered version for direct application on circular duct +10%
VR: coating according to RAL 9005 / 9006 table
 fixed surcharge €30 + 20% per piece

Other RAL colours on request

Example of order: **DM 800-2**
 Flow 950 m³/h - L0.6 15 m - Δp 85 Pa

All prices are list prices for local market, for a quotation please contact us.

Price list

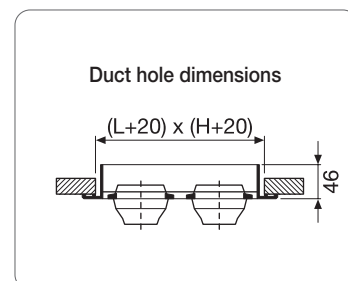
Nozzle rows	Height	L					
		300	400	500	600	800	1000
1	100	93	117	140	163	211	258
2	200	161	206	252	297	389	480
3	300	228	296	364	431	567	703

Delivery: 3 weeks

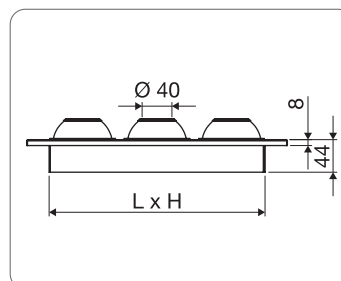
Dimensions table

Base	Height		
	Nozzle rows		
	1	2	3
300	100	200	300
400			
500			
600			
800			
1000			

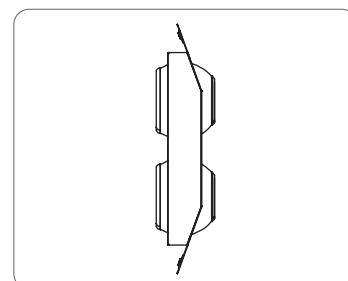
Duct installation



Front dimensions



Calendered



Dimensions all out
 (L+50xH+50)

Rapid selection

L	Rows	Flow rate m³/h			L0.6 (m)			Δp (Pa)			LwA[dB(A)]			Rt			ΔL0.6 (m)		
		min	medium	max	min	medium	max	min	medium	max	min	medium	max	min	medium	max	min	medium	max
300	1	120	180	230	5.0	7.0	8.5	40	80	130	25	34	40	0.100	0.06	0.040	0.9	1.0	1.1
400		150	230	310	5.0	8.0	10.0	30	70	130	23	32	40	0.070	0.04	0.030	1.1	1.3	1.5
500		210	340	400	6.0	9.0	11.0	40	80	130	25	34	40	0.080	0.05	0.040	1.3	1.7	2.1
600		250	360	460	7.0	10.5	13.0	40	80	130	25	34	40	0.055	0.04	0.030	1.7	2.3	2.7
800		320	460	600	8.0	11.5	15.0	40	80	130	24	34	40	0.060	0.04	0.030	2.5	2.9	3.3
1000		400	580	750	9.0	13	16.0	40	75	130	25	33	40	0.070	0.05	0.040	2.5	4.1	5.5
300	2	250	360	470	6.5	9.5	12.0	40	80	130	25	34	40	0.070	0.05	0.035	1.6	2.1	2.5
400		330	460	600	8.0	12	15.0	40	75	130	25	33	40	0.055	0.04	0.030	2.0	2.3	3.8
500		400	600	780	8.0	13	16.0	40	80	130	25	34	40	0.070	0.04	0.025	2.2	3.3	4.3
600		500	710	920	10.0	15	18.0	40	75	140	25	33	41	0.050	0.04	0.030	2.8	4.0	5.0
800		650	950	1250	9.0	15	18.0	40	85	130	25	35	40	0.070	0.045	0.030	3.2	4.3	5.3
1000		800	1150	1500	12.5	19	23.0	40	70	120	23	32	39	0.055	0.04	0.030	4.0	5.1	6.0
300	3	380	550	700	8.5	13	16.0	40	85	130	25	35	40	0.070	0.05	0.035	2.4	5.8	5.0
400		500	700	900	10.0	14	17.0	40	75	130	25	33	40	0.070	0.05	0.035	2.0	3.7	5.0
500		620	930	1200	11.0	17	20.0	40	90	130	25	36	40	0.070	0.055	0.040	3.8	4.8	6.0
600		750	1100	1450	12.5	19	23.0	40	80	140	25	34	41	0.055	0.04	0.030	3.5	4.9	6.0
800		1000	1400	1800	13.5	20	25.0	40	75	140	25	33	40	0.070	0.05	0.035	5.0	5.5	>6
1000		1300	1850	2400	16.5	23	27.0	50	85	150	25	35	42	0.055	0.045	0.035	>6	>6	>6

Key

LwA: sound pressure level dB(A)

Δp: total pressure drop (Pa)

L0.6: front throw length with maximum end velocity of 0.6 m/s in isothermal conditions, corresponding to an average velocity in the occupied area of 0.2 m/s for installation height between 3 and 4 m

Rt: ratio between ΔtL (difference in room temperature and temperature L0.6) and ΔtM (temperature difference between supply and room)

example: Rt 0.1; ΔtM -8K; ΔtL = 0.1 x (-8K) = -0.8K

ΔL0.6: throw deviation upwards or downwards with ΔL at a distance L0.6