



DAM81

Diffuser on square perforated sheet steel panel without deflectors. To be used for air return.

TECHNICAL SPECIFICATION AND USAGE LIMIT

INSTALLATION HEIGHT	APPLICATIONS	MATERIAL	SURFACE FINISH	COLOR	FASTENING
2,5 to 4 m	This type of diffuser is used exclusively for air return. It consists of a perforated panel that allows air passage of about 50% with respect to the actual dimensions. It is available as standard in the panel dimensions 300-400-500-600.	Pannello in acciaio	Epoxy powder coating resistant to impact and abrasion	RAL 9010 white. On request, coating in non-standard RAL colors.	by means of side screws or a central screw

GREEN BUILDING

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BREEAM










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TECHNICAL DATA

Model	A [mm]	B [mm]
DAM81 300	295	295
DAM81 400	395	395
DAM81 500	495	495
DAM81 600	595	595

APPLICATIONS

								
Residential	Easy Pack	Calculation Method	REACH Certificate	RoHS Certificate	Industry	Building	Air Conditioning	Interior design

*on request

MODEL	DESCRIPTION	U.M.	Vi (m/sec)									
			1	2	3	4	5	6	7	8	9	10
DAM81 300 Ak: 0,0435m ²	Flow Rate	m ³ /h	157	313	470	627	783	940	1096	1253	1410	1566
	Min. Installation Height	m	2,5	2,6	2,7	2,8	2,9	3,0	3,1	3,2	3,3	3,4
	Max. Installation Height	m	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4,0	4,1
DAM81 400 Ak: 0,0780m ²	Flow Rate	m ³ /h	281	562	843	1123	1404	1685	1966	2247	2528	2809
	Min. Installation Height	m	2,5	2,6	2,7	2,8	2,9	3,0	3,1	3,2	3,3	3,4
	Max. Installation Height	m	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4,0	4,1
DAM81 500 Ak: 0,1230m ²	Flow Rate	m ³ /h	443	886	1329	1771	2214	2657	3100	3543	3986	4429
	Min. Installation Height	m	2,5	2,6	2,7	2,8	2,9	3,0	3,1	3,2	3,3	3,4
	Max. Installation Height	m	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4,0	4,1
DAM81 600 Ak: 0,1770m ²	Flow Rate	m ³ /h	637	1275	1912	2549	3186	3824	4461	5098	5736	6373
	Min. Installation Height	m	2,5	2,6	2,7	2,8	2,9	3,0	3,1	3,2	3,3	3,4
	Max. Installation Height	m	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	4,0	4,1

Note: the data indicated refer to operation in isothermal conditions