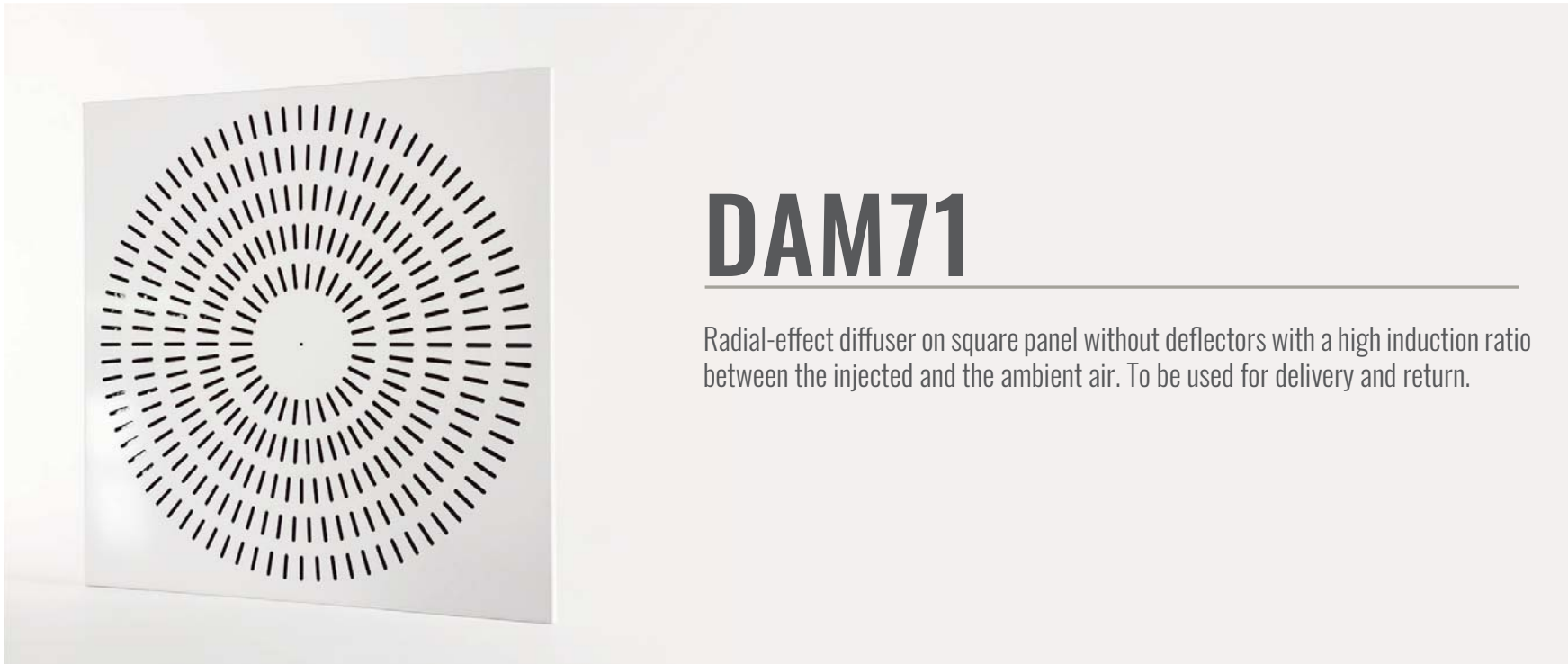

DAM71

Radial-effect diffuser on square panel without deflectors with a high induction ratio between the injected and the ambient air. To be used for delivery and return.

TECHNICAL SPECIFICATION AND USAGE LIMIT

INSTALLATION HEIGHT	APPLICATIONS	MATERIAL	SURFACE FINISH	COLOR	FASTENING	INSTALLATION
2,5 to 4 m	Radial-effect diffusers. This type of diffuser allows a high induction ratio (mixing capacity) between the injected and the ambient air. It is used for air delivery and return although not having any deflectors. This occurs through the special slots that provide high air flow and good radial-effect distribution. The DAM71 diffuser can also be used for air return. The perforated panel is made of sheet steel coated with epoxy resin powder electrostatically applied and furnace dried. This type of coating is resistant to impact and abrasion and maintains the aesthetic features unaltered over time.	Painted steel panel.	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	Easy installation, adjustments and maintenance. The diffusers are fastened to the plenum by means of side screws or a central screw.

GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international ratings systems for sustainable buildings:

LEED
Contributes to credits:
IP, EA, MR

WELL
Contributes to credits:
MATERIALS, COMMUNITY

BREEAM
Contributes to credits:
MAN, WST

For further details regarding the specific contributions to the credits indicated, contact Tecnica srl

TECHNICAL DATA

Model	A [mm]	B [mm]
DAM71 300	295	295
DAM71 400	395	395
DAM71 500	495	495
DAM71 600	595	595

TECNICA™ Efficient Indoor Air Project

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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
DAM71 300 Ak: 0,0107m2	Flow Rate	m3/h	38	77	115	154	192	231	269	308	346	385
	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
DAM71 400 Ak: 0,0192m2	Flow Rate	m3/h	69	138	207	276	345	414	483	552	621	690
	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
DAM71 500 Ak: 0,0301m2	Flow Rate	m3/h	108	217	325	434	542	650	759	867	975	1084
	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
DAM71 600 Ak: 0,0435m2	Flow Rate	m3/h	157	313	470	626	783	940	1096	1253	1409	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

Note: the data indicated refer to operation in isothermal conditions

