



## CLIMAVER® A2 Neto

### CLIMAVER® self-supporting duct system for air-conditioning, ventilation and heating systems

CLIMAVER® is a self-supporting duct for air-conditioning, ventilation and heating and cooling systems. CLIMAVER® offers superior thermal performance and high level of airtightness to keep your air fresh and making the system energy efficient.

CLIMAVER® A2 Neto reduces noise levels generated by fans and air-conditioning units providing superior acoustic comfort to the building occupants.



#### THERMAL INSULATION

High class insulation keeps the medium temperature as designed and secures system operating with minimal losses



#### SOUND ABSORPTION

Superior acoustic protection to reduce noise transmission through the duct or pipework system



#### FAST INSTALLATION

Thanks to its light weight and high flexibility, it can be installed by one person without any special equipment



#### AIR TIGHTNESS

Secured air transport through the duct system and lower energy bills thanks to reduced heat loss and fan energy wastage to compensate the effect of the leaks



#### RECYCLED GLASS

Recycled material content 80% of the product composition



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES				STANDARD
Thermal conductivity	T	[°C]	10	20	40	60	EN 12667 EN 12939
	$\lambda$	[W/(m·K)]	0.032	0.033	0.036	0.038	

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES						STANDARD
Practical acoustic absorption coefficient, $\alpha_P$		Hz	125	250	500	1,000	2,000	4,000	EN ISO 354 EN ISO 11654
	$\alpha$	-	0.35	0.65	0.75	0.85	0.90		
	$\alpha_w$	-	0.85				0.85		
Acoustic attenuation, in a straight duct, $\Delta L$ (DB/m)*	Section [mm]	200 x 200	4.83	11.49	14.04	16.73	18.12	-	
		300 x 400	2.82	6.70	8.19	9.76	10.57		
		400 x 700	1.90	4.51	5.51	6.57	7.12		
-	-	-	DL = 1.05 · $\alpha_P$ · 1.4 · P/S For the sound power of a ventilator with a 20,000 m <sup>3</sup> /h flow, load loss 15 mm.w.g.						-

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Reaction to fire	-	-	Non combustible, Euroclass A2-s1, d0	EN 13501-1 EN 15715
Application field	-	-	CLIMAVER® is a self-supporting duct for air-conditioning, ventilation and heating systems CLIMAVER® has been designed to offer excellent thermal performance, acoustics, fire safety and high level of air-tightness making the system energy efficient	EN 13403
Airtightness	-	-	Class D	EN 1507 EN 12237
Resistance to pressure	-	Pa	800	EN 13403
Pressure losses	-	Pa	For normal HVAC system air speeds pressure drops are similar to metal ducts	-
Dimensional stability	-	%	Quantities and measured values : < 1	EN 1604
CE marking	-	-	CE marking designation code MW-EN14303-T5-MV1	EN 14303
Water vapour resistance	-	m <sup>2</sup> ·h·Pa/mg	140	EN 12086
Quality management	-	-	ISOVER is certified according to EN ISO 9001 and EN ISO 14001	EN ISO 9001 EN ISO 14001
Installation unique feature	-	-	Duct assembly: exclusive male/female molded shiplap	-
Working conditions	-	-	Resistant to mechanical cleaning methods Maximum air speed: 18 m/s Maximum temperature of circulating air: 90°C	-

### DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION\*

LENGTH [MM]	WIDTH B [MM]	THICKNESS D [MM]	M <sup>2</sup> /PACK	M <sup>2</sup> /PALLET	M <sup>2</sup> /TRUCK
3,000	1,190	25	299.88	24.99	2399.00

\* Products must be stored inside, in a dry and clean location.



### www.isover-technical-insulation.com

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