



# CLIMAVER® Plus R

## The pre-insulated ductwork system

CLIMAVER® is a self-supporting duct for air-conditioning, ventilation and heating systems. CLIMAVER® has been designed to offer excellent thermal performance and high level of airtightness making the system energy efficient. In one unique operation, the insulation is fully integrated to the duct system saving both installation time and cost on job-site.

CLIMAVER® Plus R improves noise levels generated by fans and air-conditioning units providing acoustic comfort to the building occupants.



### Fast installation

One single operation;  
Straight Duct Method (SDM) for easy cutting;  
Lightweight system.



### Extra-high energy savings

Outstanding ductwork airtightness.



### Noise attenuation

Acoustic absorption.



### Sustainable system



Recycled material  
content 70 % of the  
product composition



Check and  
download  
our EPD



Heat losses reduced  
thanks to outstanding  
duct work airtightness



**ISOVER**  
SAINT-GOBAIN



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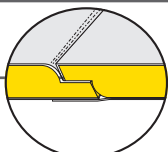


Characteristic	Symbol	Unit	Quantities and measured values						Standard
Application field	-	-	CLIMAVER® is a self-supporting duct for air-conditioning, ventilation and heating systems. CLIMAVER® has been designed to offer excellent thermal performance, acoustics and high level of air-tightness making the system energy efficient.						EN 13403
Thermal conductivity	T	[°C]	10	20	40	60	EN 12667		
	λ	[W/(m·K)]	0.032	0.033	0.036	0.038	EN 12939		
Fire behaviour	-	-	Euroclass B-s1, d0						EN 13501
			Class 0						BS 476 parts 6 & 7
Acoustic absorption		Hz	125	250	500	1000	2000	4000	EN ISO 354 EN ISO 11654
	α		0.20	0.20	0.20	0.60	0.50	0.40	
	Section [mm]	200 x 200	2.2	2.2	2.2	10.3	8.0	5.8	
		400 x 500	1.0	1.0	1.0	4.6	3.6	2.6	
		500 x 1000	0.7	0.7	0.7	3.1	2.4	1.8	
	α <sub>w</sub>		0.30						
Water vapour resistance	-	m²·h·Pa/ mg	140						EN 12086
Airtightness	-	-	Class D						EN 12237 EN 1507
Resistance to pressure	-	Pa	800						EN 13403
Dimensional stability	-	%	Quantities and measured values : <1						EN 1604
CE marking	-	-	CE marking designation code MW-EN14303-T5-MV1						EN 14303
Quality management	-	-	ISOVER is certified according to EN ISO 9001 and EN ISO 14001						EN ISO 9001 EN ISO 14001

### Delivery form: Standard dimensions / packaging information

Dimensions		Thickness d [mm]	m <sup>2</sup> /pack	m <sup>2</sup> /container
Lenght l [mm]	Width b [mm]			
2900	1190	25	24.16	2319

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

Installation unique feature	Working conditions		
Duct assembly: exclusive male/female molded shiplap		Resistant to aggressive cleaning methods	Maximum air speed: 18 m/s
			Maximum temperature of circulating air: 90°C

[www.isover-technical-insulation.com](http://www.isover-technical-insulation.com)

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our ISOVER sales offices. We deliver only according to our terms of trade and terms of delivery.

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