



Environmental Product Declaration

Product	Type of equipment / Product No.	A6E60200837	GMC21 AFTB Airflow test bench GMC21
Product	Type of equipment / Product No.	GMC21 AFTB Airflow test bench GMC21: A6E60200837	
	Designation	GMC21 AFTB Banc Airflow GMC21	
	Product line, product range GMC21 Smoke Detector		
Process control	Siemens S.A.S. Division BUILDING TECHNOLOGIES (BT) 15-17 Avenue Morane Saulnier 78140 Vélizy-Villacoublay / France		
	Management System	since	by
	ISO 9001 (Quality)	22.03.2017	AFNOR
	OHSAS 18001 (OH&S)	07.03.2017	AFNOR
	ISO 14001 (Environment)	07.03.2017	AFNOR
Environmentally compatible product design	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
Product use	Typical energy consumption	4kWh/a	Maximum value in nominal mode
	Maintenance	On notice	On notice
Risk of fire	Fire protection according to Fire load	30MJ	
Packaging	4-LDPE	Plastic bag	11g
	HdPE; bentonite	Desiccant bag	46g
	Cardboard; wood	Main packaging	10 000g

	Notes on disposal	Reusable / Take-back		
Materials	Total weight of device		8 131g	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
Plastics	PBT	Shut-off valve	50g	
	PC	Plastic block	866g	
	EPDM	Seals	4g	
	PPS	Plastic tube	35g	
	EPDM	Tip of quick release horizontal	4g	
Metals	Nickel-plated brass, NBR	Push-in T Connector	62g	
	Bronze, Brass	Silencer	10g	
	EN AW 6082[AlSi1MgMn]	Bracket for clamp lock	437g	
	EN AW 6082 [AlSi1MgMn]	Flowmeter bracket	319g	
	EN AW 6082 [AlSi1MgMn]	Faucet support	152g	
	EN AW 6082 [AlSi1MgMn]	Airflow bench plate	1 732g	
	EN AW-6082 [AlSi1MgMn]	Airflow bench foot	1 376g	
	Steel stainless	Hexagon cap socket screw	182g	
	Steel; galvanized	Pan Head Screw	19g	
	Steel; galvanized	Washer	22g	
	Steel; galvanized	Hex nut	19g	
	Steel; galvanized	Adapter	93g	
	Al	Filter Hausing	603g	
	Steel; zinc plated	Quick release horizontal	678g	
	Others	Brass, Nickel plated, POM, NBR, Alloy steel	Push-in fitting	156g
Anodized aluminium, FKM		Thermal Mass Flow Meter	325g	
Anodized aluminium, FKM		Thermal Mass Flow Controller	238g	
PVC cable		Power Analog Cable	82g	
PVC cable		Power Digital Cable	179g	
PVC cable		Power Supply	386g	
Epoxy ester		Filter	4g	
Plastique, Tresse inox, Acier zingué		FLEJIC5	105g	

PCBAs (Printed Circuit Board assembled)

Special components
(part of the assembled PCB)

***Variant parts list**

	A6E60200837													
Total weight of device	8 131													
Shut-off valve	50													
Plastic block	866													
Seals	4													
Plastic tube	35													
Tip of quick release horizontal	3													
Push-in T Connector	61													
Silencer	10													
Bracket for clamp lock	437													
Flowmeter bracket	319													
Faucet support	152													
Airflow bench plate	1 732													

Airflow bench foot	1 376													
Hexagon cap socket screw	181													
Pan Head Screw	18													
Washer	21													
Hex nut	18													
Adapter	92													
Filter Housing	603													
Quick release horizontal	678													
Push-in fitting	156													
Thermal Mass Flow Meter	325													
Thermal Mass Flow Controller	238													
Power Analog Cable	82													
Power Digital Cable	178													
Power Supply	386													
Filter	4													
FLEJIC5	105													
Fire load	[MJ]	30												
Typical energy consumption	[kWh/a]	4												
Special components (part of the	[pcs]													

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Packaging

Plastic bag

Desiccant bag

Main packaging

[g]	11																			
	46																			
	10 000																			

Disposal

The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.
(Status according to the creation date of this document.)

The device is halogen-free with exception of:
Power Analog Cable; Power Digital Cable; Power Supply

Legal Disclaimer: This declaration is for information purpose only.
This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Siemens S.A.S. therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.

18.06.2018