



## Environmental Product Declaration

### Product

Type of equipment / Product No. FDA221 / S54333-F15-A1 ; FDA221-CN / S54333-F15-A2  
 FDA241 / S54333-F17-A1 ; FDA241-CN / S54333-F17-A2  
 FDA421 / S54333-F16-A1

Designation Aspirator Smoke Detector

Product line Aspirator Smoke Detector

### Process control

Siemens Schweiz AG  
 Building Technologies Division  
 Gubelstrasse 22  
 6301 Zug - CH

Management System	since	by
ISO 14001 (Environment)	06.12.2002	Gerling Cert
ISO 9001 (Quality)	06.11.1989	SQS / VdS

### 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 Siemens Standard SN 36350 "Environmentally compatible products".

### Product use

Typical energy consumption 29kWh/a

Maintenance Not necessary

Fire load 43MJ

### Packaging

Corrugated board VSW232 thickness 3 mm	Die-cut-box	170g
Corrugated board VSW232 thickness 3 mm	Insert	70g
Poly ethylene Gr.280/400/0.05 mm DV.	PE-Bag	4g
Poly ester, Aluminium, Poly ethylene	shielding bag	5g

Notes on disposal One-way, recyclable

### Materials

Total weight of device variant \*) see below

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

#### Plastics

ABS+PC	Enclosure base	504g	
ABS+PC	Enclosure cover	268g	
ABS+PC	Air duct cover	25g	
Cellular rubber	2 Square profile ring	2g	
TPE-V	Adapter hose	23g	
ABS+PC	Venturi tube	35g	
PC	Chamber base	100g	
PC	Chamber cover	77g	
PUR	Foam	5g	
Cellular rubber	Chamber and Venturi gasket	4g	
ABS	Inscription strap	20g	
PA+ABS	Aspirator	50g	
Metals	Steel	11 screw lens head K30x20/12 (chamber)	7g

	Steel	8 screw lens head K25x10	3g
	Steel	2 head screw M4x8	2g
	Steel	9 screw lens head K30x12	4g
	Steel	4 lens head screw K30x25	4g
Others	glass	3 lens	4g
	PVC, Cu	FireWire cable	17g
	PA6.6, CuSn, Al	connectors	56g
	PVC, Cu	Cable / Wire	8g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	Main board to FDAxxx	variant
	FR4; TBBA; solder SnAgCu	PCB to FDAxxx preamplifier	5g
	FR4; TBBA; solder SnAgCu	Display board	99g
	FR4; TBBA; solder SnAgCu	Chamber board	72g
	FR4	PCB and motor Mini-Aspirator	40g

**\*Variant parts list**

	FDA221	FDA241	FDA421	FDA221-CN	FDA241-CN						
[g]	1'516	1'524	1'524	1'516	1'524						
Total weight of device	82	90	90	82	90						
Main board to FDAxxx											

**Disposal**



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered to. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

**Comments**

**EU-directive 2002/95/EC (RoHS)**

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU: Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials  
Cd: <0.01% by weight in homogeneous materials

**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 free from substances which interfere with lacquer wetting.

The device is halogen-free with exception of:  
PCB (TBBA)

**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 Schweiz AG 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.