komfovent

BUILDING PRODUCT DECLARATION BPD 3

in compliance with the guidelines of the Ecocycle Council, June 2007

1 Basic data

Product identification			Document ID 002-ID
Product name Domekt R-400	Product no/ID designation Compact AHU with rotary heat exchanger		Product group 21003
☐ New declaration ☒ Revised declaration	**In the case of a revised declaration**		
	Has the product been changed?	The change relates to Control system C6 , company name	
	☐ No ☒ Yes	Changed product can be identified by C6	
Drawn up/revised on (date) 2015 03 23/2018 02 15		Inspected without revision on (date)	
Other information: Product group in BK04 system			

2 Supplier information

Company name Komfovent UAB			Company reg. no/DUNS no 124130658	
Address Ozo str. 10			Contact person	
			Telephone +370 5 2779713	
Website: www.komfovent.com			E-mail jonas.mikalauskas@komfovent.com	
Does the company have an environmental management system?			☒ Yes	☐ No
The company possesses certification in compliance with	☒ ISO 9000	☒ ISO 14000	☐ Other	If "other", please specify:
Other information:				

3 Product information

Country of final manufacture Vilnius				If country cannot be stated, please state why	
Area of use AHU for home, offices, shops, etc.					
Is there a Safety Data Sheet for this product?				☐ Not relevant	☐ Yes ☒ No
In accordance with the regulations of the Swedish Chemicals Agency, please state:			Classification Labelling		☒ Not relevant
Is the product registered in BASTA?					☐ Yes ☒ No
Has the product been eco-labelled?	☒ Criteria not found	☐ Yes	☐ No	If "yes", please specify:	
Is there a Type III environmental declaration for the product?					☐ Yes ☒ No
Other information:					

4 Contents (To add a new green row, select and copy an entire empty row and paste it in)

At the time of delivery, the product comprises the following parts/components, with the chemical composition stated:					
Constituent materials/ components	**Constituent substances**	**Weight % or g**	**EG no/ CAS no (or alloy)**	**Classifi-cation**	**Comments**
Casing	Cold rolled steel Zn Epoxy polyester Polyurethane	25-50% <1% <1% <1%			
Insulation (rockwool)	Basalt, dolomite,	2,5-10%		R20/21	

Data in fields highlighted in green are requriements in compliance with the Ecocycle Council guidelines.

	phenol formaldehyde			R43	
Sealing	EPDM, polyethylene, polyurethane, silicon	<1%			
Heat exchanger	Al, Fe, PVC, PE, Zn	2.5-10% <1%			
Heat exchanger casing	Cold rolled steel Zn Polyethylene	1-2.5% <1% <0,1%			
Rotor Motor	AL, Ni, Co, Ceramic, Au Fe, Cu PE, Neoprene, PA6, PVC	<1% 1-2,5% <1%			
Drive belt	Thermoplastic polyurethane (TPU)	<1%			
Rotor control	Al, ZN, Epoxy, Au, Ni, Ceramic, SN, Pb	<1% <0.001 %			
Fan with motor	Al, Cu Fe/Zn ABS, PA6, Epoxy, EPDM, Ceramic, SN, PP Glasfiber Pb, Ni, Co	2.5-10% 1-2.5% 1-2.5% <1% <0,002 %			
Motor cable	PA6, Cu, PVC, PP	<1%			
Cables	PVC, PP, Cu, Fe, Sn, Pb	<1-2.5% <0.001 %			
Electric heater	AISI 304	1-2.5%			
Thermostats	Cu, Fe, Zn, PVS, PPA, PET	<1%			
Temperature sensors	Al, PVC, PC, Cu	<1%			
Control unit	ABS, PVC, Fe, ZN, PP, Cu SN, Pb, Al, Li, Au, Ni	<1% <0.002 %			
Control panel	ABS, PP, Al, PVC, Cu, Fe Sn, Pb, Zn, SiO2, Au, Ni	<1% <0.002 %			
Sealing rings	EPDM	<1%			
Pressure sensors	ABS, PVC, PP, Si, Cu, Fe, Sn, PC, Neoprene	<1%			

Filters	PP Ethylene-vinyl acetat Cardboard	<1% <1% <1%			
Other (screw, nuts, bolts, rivets, handle, hinges, cover)	Zn, Fe, PVC, Al, PA.6	<1%			

Other information:

If the chemical composition of the product after it is built in differs from that at the time of delivery, the content of the **finished built in product** should be given here. If the content is unchanged, no data need be given in the following table.

Constituent materials/ components	**Constituent substances**	**Weight % or g**	**EG no/ CAS no (or alloy)**	**Classifi-cation**	**Comments**

Other information: No any components.

5 Production phase NOT FILLED IN BY AMALVA UAB.

Resource utilisation and environmental impact during production of the item is reported in one of the following ways:

☐ 1) Inflows (goods, intermediate goods, energy etc) for the registered product into the **manufacturing unit**, and the outflows (emissions and residual products) from it, i.e. from "gate-to-gate".

☐ 2) All inflows and outflows from the extraction of raw materials to finished products i.e. "cradle-to-gate".

☐ 3) Other limitation. State what:

The report relates to unit of product	☐ Reported product	☐ The product's product group	☐ The product's production unit

Indicate **raw materials and intermediate goods** used in the manufacture of the product ☐ Not relevant

Raw material/intermediate goods	Quantity and unit	Comments

Indicate **recycled materials** used in the manufacture of the product ☐ Not relevant

Type of material	Quantity and unit	Comments

Enter the **energy** used in the manufacture of the product or its component parts ☐ Not relevant

Type of energy	Quantity and unit	Comments

Enter the **transportation** used in the manufacture of the product or its component parts ☐ Not relevant

Type of transportation	Proportion %	Comments

Enter the **emissions to air, water or soil** from the manufacture of the product or its component parts ☐ Not relevant

Type of emission	Quantity and unit	Comments

Enter the **residual products** from the manufacture of the product or its component parts ☐ Not relevant

Residual product	Waste code	Quantity	Proportion recycled	Comments

Data in fields highlighted in green are requriements in compliance with the Ecocycle Council guidelines.

			Material recycled %	Energy recycled %	
Is there a description of the data accuracy for the manufacturing data?	☐ Yes	☐ No	If "yes", please specify:		
Other information:					

6 Distribution of finished product

Does the supplier put into practice a system for returning load carriers for the product?	☐ Not relevant	☐ Yes	☒ No
Does the supplier put into practice any systems involving multi-use packaging for the product?	☐ Not relevant	☒ Yes	☐ No
Does the supplier take back packaging for the product?	☐ Not relevant	☐ Yes	☒ No
Is the supplier affiliated to REPA?	☐ Not relevant	☒ Yes	☐ No
Other information:			

7 Construction phase

Are there any special requirements for the product during storage?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Product should be stored dry
Are there any special requirements for adjacent building products because of this product?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Other information:				

8 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?			☒ Yes	☐ No	If "yes", please specify: filters	
Does the product have any special energy supply requirements for operation?			☒ Yes	☐ No	If "yes", please specify: Electricity connection	
Estimated technical service life for the product is to be entered according to one of the following options, a) or b):						
a) Reference service life estimated as being approx.	☐ 5 years	☐ 10 years	☐ 15 years	☐ 25 years	☐ >50 years	Comments min. 2 times per year filter must be changed
b) Reference service life estimated to be in the interval of 10-15 years						

Other information:

9 Demolition

Is the product ready for disassembly (taking apart)?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify:
Does the product require any special measures to protect health and environment during demolition/disassembly?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Rock wool

Other information:

10 Waste management

Is it possible to re-use all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Matal, plastic, elctric components
Is it possible to recycle materials for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Plastic, metal, rubber
Is it possible to recycle energy for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Plastic, paper, rubber
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:

Enter the waste code for the **supplied** product No code		
Is the **supplied** product classed as hazardous waste?	☐ Yes	☒ No
If the chemical composition of the product differs after having been built in from that which it had at the time of delivery, meaning that another waste code is given to the finished **built in** product, then this should be entered here. If it is unchanged, the following details can be omitted.		
Enter the waste code for the **built in** product no code		
Is the **built in** product classed as hazardous waste?	☐ Yes	☒ No
Other information: Filter can be thrown into the household waste, electronic and metal to recycling company		

11 Indoor environment (To add a new green row, select and copy an entire empty row and paste it in)

When used as intended, the product gives off the following emissions:			☒ The product does not have any emissions	
Type of emission	**Quantity [µg/m²h] or [mg/m³h]**		**Method of measurement**	**Comments**
	4 weeks	**26 weeks**		

Can the product itself give rise to any noise?		☐ Not relevant	☐ Yes	☒ No
Value	Unit	Method of measurement		
Can the product give rise to electrical fields?		☐ Not relevant	☐ Yes	☒ No
Value	Unit	Method of measurement		
Can the product give rise to magnetic fields?		☐ Not relevant	☐ Yes	☒ No
Value	Unit	Method of measurement		
Other information:				

References

For more information please visit website or catalogue at www.komfovent.lt

Appendices