

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID 003-ID
Product name Domekt R-500; 700	Product no/ID designation Compact AHU with rotary heat exchanger	Product group 21003
<input type="checkbox"/> New declaration <input checked="" type="checkbox"/> Revised declaration	In the case of a revised declaration	
	Has the product been changed?	The change relates to Control system, company name
	<input type="checkbox"/> No <input checked="" type="checkbox"/> 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?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
The company possesses certification in compliance with	<input checked="" type="checkbox"/> ISO 9000 <input checked="" type="checkbox"/> ISO 14000	<input type="checkbox"/> 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?		<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
In accordance with the regulations of the Swedish Chemicals Agency, please state:	Classification Labelling		<input checked="" type="checkbox"/> Not relevant
Is the product registered in BASTA?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Has the product been eco-labelled?	<input checked="" type="checkbox"/> Criteria not found <input type="checkbox"/> Yes <input type="checkbox"/> No	If "yes", please specify:	
Is there a Type III environmental declaration for the product?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	25-50%			
	Zn	<1%			
	Epoxy polyester	<1%			
	Polyurethane	<1%			
Insulation (rockwool)	Basalt, dolomite,	2,5-10%		R20/21	

Data in fields highlighted in green are requirements 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% <0,001 %			
Motor cable	PA6, Cu, PVC, PP	<1%			
Cables	PVC, PP, Cu, Fe, Sn, Pb	<1-2.5% <0.002 %			
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)	Classification	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	<input type="checkbox"/> Reported product	<input type="checkbox"/> The product's product group	<input type="checkbox"/> The product's production unit
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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

			Material recycled %	Energy recycled %	
Is there a description of the data accuracy for the manufacturing data?	<input type="checkbox"/> Yes	<input type="checkbox"/> 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?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier put into practice any systems involving multi-use packaging for the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the supplier affiliated to REPA?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Other information:			

7 Construction phase

Are there any special requirements for the product during storage?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify: Product should be stored dry
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If “yes”, please specify:
Other information:				

8 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify: filters			
Does the product have any special energy supply requirements for operation?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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.	<input type="checkbox"/> 5 years	<input type="checkbox"/> 10 years	<input type="checkbox"/> 15 years	<input type="checkbox"/> 25 years	<input type="checkbox"/> >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)?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify:
Does the product require any special measures to protect health and environment during demolition/disassembly?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify: Rock wool

Other information:

10 Waste management

Is it possible to re-use all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify: Matal, plastic, elctric components
Is it possible to recycle materials for all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If “yes”, please specify: Plastic, metal, rubber
Is it possible to recycle energy for all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If “yes”, please specify:
Enter the waste code for the supplied product No code				
Is the supplied product classed as hazardous waste?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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:			<input checked="" type="checkbox"/> The product does not have any emissions	
Type of emission	Quantity [$\mu\text{g}/\text{m}^2\text{h}$] or [$\text{mg}/\text{m}^3\text{h}$]		Method of measurement	Comments
	4 weeks	26 weeks		
Can the product itself give rise to any noise?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Value		Unit	Method of measurement	
Can the product give rise to electrical fields?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Value		Unit	Method of measurement	
Can the product give rise to magnetic fields?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Value		Unit	Method of measurement	
Other information:				

References

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

Appendices