PARTNER
IN VENTILATION
2VV.CZ

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification			Document ID SAV-7920
Product name SAV	Product no/ID designation		Product group SAVANA
☒New declaration ☐Revised declaration	**In the case of a revised declaration**		
	Has the product been changed?		The change relates to
	☒No	☐Yes	Changed product can be identified by
Drawn up/revised on (date) 2020-09-07			Inspected without revision on (date)
Other information:			

2 Supplier information

Company name 2VV s.r.o.			Company reg. no/DUNS no CZ62065467	
Address Fáblovka 568 PARDUBICE, CZ-533 52, Czech rep.			Contact person Jan STRÁNSKÝ Telephone +420724061530	
Website: www.2vv.cz			E-mail jan.stransky@2vv.cz	
Does the company have an environmental management system?			☒Yes	☐No
The company possesses certification in compliance with	☒ ISO 9001	☒ISO 14001	☒Other	If "other", please specify: TÜV-SÜD - Production monitored, Type tested
Other information:				

3 Product information

Country of final manufacture Czech rep.	If country cannot be stated, please state why			
Area of use The SAVANA heating units are designed for the hot-air heating suitable for installation into industrial halls, warehouses, sport facilities, and other similar areas.				
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	Fe C Si S Mn	44 - 56% <1% <1% <1% 1,2 %	EN10346 DX51D 7440-44-0 7440-21-3 7704-34-9 7439-96-5	Z 275 MAC	

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

	P Ti Zn	<1% <1% <1%	7723-14-0 7440-32-6 7440-66-6		
Coating	Accord. to REACH	<0,1%			
Water coil	Cu Al FeZn	6 - 8% 3 - 8% 6 - 8%	7440-50-8 EN AW 8011 7440-66-6		
Axial fan	Fe Cu Zn Si Polyester resin NYLON 6/6 Glass fibre	25 - 30% 5 - 10% <1% <1% <1% <1% <1%	EN10346 DX51D 7440-50-8 7440-21-3 7440-66-6 113669-95-7 32131-17-2 65997-17-3	Z 275 MAC	
Cables	Cu PP	<0,1% <0,1%	7440-50-8 9003-07-0		
Capacitor	PP Zn Sn Cu	<0,1% <0,1% <0,1% <0,1%	9003-07-0 7440-66-6 7440-31-5 7440-50-8		
Fasteners	Fe Zn	<1% <1%	7439-89-6 7440-66-6		

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:

5 Production phase

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
0 / 100%	100%	
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

Electric	0,9 kW	
Enter the **transportation** used in the manufacture of the product or its component parts		☐ Not relevant
Type of transportation	Proportion %	Comments
Road	50	
Rail	25	
Sea	25	
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 %	
Plastic	15 01 02	0,1 kg	100		
Metal	17 04 05	0,6 kg	100		
Cardboard	20 01 01	0,1 kg	100		
Cables	17 04 11	0,1 kg	100		
Is there a description of the data accuracy for the manufacturing data?	☐ Yes	☒ No	If "yes", please specify:		

Other information: We do not use the LCA-method at present. For energy consuming products having their main environmental impact during the user-phase is the LCC-method a more suitable tool in our efforts to shift to more energy-efficient components and systems.

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: 2VV is affiliated with EKO-KOM in Czech republic. This is equivalent to swedish REPA and both are the members of the PRO EUROPE. PRO EUROPE is an international umbrella organisation for national member systems for the recovery and recycling of packaging waste in Europe. All these systems use the Green Dot mark as a symbol of financing packaging waste recycling.

7 Construction phase

Are there any special requirements for the product during storage?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: *clean, dry, tempered stock*
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:

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

Does the product have any special energy supply requirements for operation?			☒ Yes	☐ No	If "yes", please specify: Voltage AC 230V	
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
b) Reference service life estimated to be in the interval of				years		
Other information: Reference lifetime applies to "normal operation" according to valid product sheet at the time of delivery.						

9 Demolition

Is the product ready for disassembly (taking apart)?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: All components can be divided or screwed apart so that different types of materials can be separated.
Does the product require any special measures to protect health and environment during demolition/disassembly?	Not relevant	Yes	No	If "yes", please specify:
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: 99%
Is it possible to recycle materials for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: All parts are recyclable
Is it possible to recycle energy for all or parts of the product?	Not relevant	Yes	No	If "yes", please specify:
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 20 01 36		
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		
Is the **built in** product classed as hazardous waste?	☐ Yes	☒ No
Other information:		

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 42,7 - 60	Unit dB(A)	Method of measurement ISO 3744 - measured 3m from the unit		
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: EMC compliant				

References

Appendices