

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID BPD 3 - Unit heaters	
Product name - TOP - Ultra - TIP - Planeck unit heater	Product no/ID designation 153, 154, 157, 164	Product group Lufterhitzer (Unit heaters)	
<input checked="" 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	
	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Changed product can be identified by	
Drawn up/revised on (date) 2014-01-17		Inspected without revision on (date)	
Other information: 2014			

2 Supplier information

Company name Kampmann GmbH		Company reg. no/DUNS no HR B 100 654	
Address Friedrich-Ebert-Straße 128-130 49811 Lingen (Ems)		Contact person	
		Telephone +49 591 7108130	
Website: www.kampmann.de		E-mail johannes.dierkes@kampmann.de	
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 type="checkbox"/> ISO 9000 <input type="checkbox"/> ISO 14000	<input checked="" type="checkbox"/> Other	If "other", please specify: ISO 9001:2008 Certificate Regist. No. 01 100 6386/1
Other information:			

3 Product information

Country of final manufacture Germany	If country cannot be stated, please state why		
Area of use salesrooms	Systems for heating and cooling in industry warehouses and		
Is there a Safety Data Sheet for this product?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
In accordance with the regulations of the	Classification	<input checked="" type="checkbox"/> Not relevant	

Swedish Chemicals Agency, please state:		Labelling		
Is the product registered in BASTA?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Has the product been eco-labelled?	<input type="checkbox"/> Criteria not found	<input type="checkbox"/> Yes	<input checked="" 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	Const ituent subst ances	Weight % or g	EG no/ CAS no (or alloy)	Classifi -cation	Comments
Casing - sheet steel		47,92 %			Basic: TOP unit heater with three-phase fan type 463036
Fan - aluminium		12,93 %			
Fan - copper		4,70 %			
Fan - steel		3,53 %			
Fan - plastic		2,35 %			
Convactor - copper (pipes)		16,05 %			
Convactor - aluminium (fins)		12,10 %			
Electronic		0,43 %			
Basic unit - sheet steel		39,82 %			Basic: Ultra unit heater with three-phase fan type 963036
Casing - plastic		9,90 %			
Fan - aluminium		12,78 %			
Fan - copper		5,11 %			
Fan - steel		5,11 %			
Fan - plastic		2,56 %			
Convactor - copper (pipes)		13,61 %			
Convactor - aluminium (fins)		10,26 %			
Electronic		0,84 %			
Casing - sheet steel		47,63 %			Basic: TIP unit heater with three-phase fan
Fan - aluminium		11,25 %			
Fan - copper		4,50 %			
Fan - steel		4,50 %			
Fan - plastic		2,25 %			
Convactor - copper (pipes)		16,78 %			
Convactor - aluminium (fins)		12,65 %			
Electronic		0,44 %			

Casing – sheet steel		76,03 %			Basic: Planeck unit heater with 230V AC fan
Fan – aluminium		6,16 %			
Fan – copper		2,64 %			
Convactor – copper (pipes)		2,94 %			
Convactor – aluminium (fins)		6,86 %			
Electronic		0,29 %			
Sound proofing plastic foam		3,73 %			
RAL powdered pigment		1,36 %			
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:					

5 Production phase

Resource utilisation and environmental impact during production of the item is reported in one of the following ways: <input type="checkbox"/> 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”. <input type="checkbox"/> 2) All inflows and outflows from the extraction of raw materials to finished products i.e. “cradle-to-gate”. <input checked="" type="checkbox"/> 3) Other limitation. State what: In house production			
The report relates to unit of product	<input type="checkbox"/> Reported product	<input checked="" type="checkbox"/> The product's product group	<input type="checkbox"/> The product's production unit
Indicate raw materials and intermediate goods used in the manufacture of the product		<input type="checkbox"/> Not relevant	
Raw material/intermediate goods	Quantity and unit	Comments	
Casing - sheet steel	22,418 kg, 47,92 %	Total weight an %-age: Basic: TOP unit heater with three-phase fan type 463036	
Fan - aluminium	6,050 kg, 12,93 %		
Fan - copper	2,200 kg, 4,70 %		
Fan - steel	1,650 kg, 3,53 %		
Fan - plastic	1,100 kg, 2,35 %		
Convactor - copper (pipes)	7,508 kg, 16,05 %		
Convactor - aluminium (fins)	5,659 kg, 12,10 %		
Electronic	0,199 kg, 0,43 %		
Basic unit - sheet steel	15,680 kg, 39,82 %	Total weight an %-age: Basic: Ultra unit heater with three-phase fan type	
Casing - plastic	3,900 kg, 9,90 %		
Fan - aluminium	5,034 kg, 12,78 %		
Fan - copper	2,013 kg, 5,11 %		
Fan - steel	2,013 kg, 5,11 %		

Fan - plastic	1,007 kg, 2,56 %	963036		
Convector - copper (pipes)	5,360 kg, 13,61 %			
Convector - aluminium (fins)	4,040 kg, 10,26 %			
Electronic	0,331 kg, 0,84 %			
Casing - sheet steel	21,314 kg, 47,63 %	Total weight an %-age: Basic: TIP unit heater with three-phase fan type 563036		
Fan - aluminium	5,034 kg, 11,25 %			
Fan - copper	2,013 kg, 4,50 %			
Fan - steel	2,013 kg, 4,50 %			
Fan - plastic	1,007 kg, 2,25 %			
Convector - copper (pipes)	7,508 kg, 16,78 %			
Convector - aluminium (fins)	5,659 kg, 12,65 %			
Electronic	0,199 kg, 0,44 %			
Casing – sheet steel	60,500 kg, 76,03 %	Total weight an %-age: Basic: Planeck unit heater with 230V AC fan		
Fan – aluminium	4,900 kg, 6,16 %			
Fan – copper	2,100 kg, 2,64 %			
Convector – copper (pipes)	2,340 kg, 2,94 %			
Convector – aluminium (fins)	5,460 kg, 6,86 %			
Electronic	0,231 kg, 0,29 %			
Sound proofing plastic foam	2,968 kg, 3,73 %			
RAL powdered pigment	1,079 kg, 1,36 %			
Indicate recycled materials used in the manufacture of the product		<input checked="" type="checkbox"/> Not relevant		
Type of material	Quantity and unit	Comments		
Enter the energy used in the manufacture of the product or its component parts		<input checked="" type="checkbox"/> Not relevant		
Type of energy	Quantity and unit	Comments		
Enter the transportation used in the manufacture of the product or its component parts		<input type="checkbox"/> Not relevant		
Type of transportation	Proportion %	Comments		
Trains	20			
Lorries	80	Certified companies		
Enter the emissions to air, water or soil from the manufacture of the product or its component parts		<input checked="" type="checkbox"/> Not relevant		
Type of emission	Quantity and unit	Comments		
Enter the residual products from the manufacture of the product or its component parts		<input checked="" type="checkbox"/> Not relevant		
Residual product	Waste	Quantity	Proportion recycled	Comments

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

7 Construction phase

Are there any special requirements for the product during storage?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If “yes”, please specify:
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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If “yes”, please specify:			
Does the product have any special energy supply requirements for operation?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If “yes”, please specify:			
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
b) Reference service life estimated to be in the interval of 20-25 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	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If “yes”, please specify:

demolition/disassembly?				
Other information:				

10 Waste management

Is it possible to re-use all or parts of the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
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: ca. 40-60%
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: ca. 20%
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
Enter the waste code for the supplied product				
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				
Is the built in product classed as hazardous waste?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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:			<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Value max. 60		Unit dB(A)	Method of measurement	
Can the product give rise to electrical fields?			<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input type="checkbox"/> No
Value		Unit	Method of measurement	
Can the product give rise to magnetic fields?			<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input type="checkbox"/> No
Value		Unit	Method of measurement	

Other information:

References

Appendices

Certificate ISO 9001:2008

EU Declaration of Conformity