



Nibe F1345-40

BUILDING-/ENVIRONMENT DECLARATION

Ground source heat pump F1345

1 Basic data

Product identification: 1345-40		Document ID. B10021 GB
Product group.	Ground source heat pumps	Version: 1217-1
☒ New declaration ☐ Revised declaration	In the case of a revised declaration	
	Has the product been changed?	The change relates to:
	☐ Ja ☒ Nej	Changed product can be identified by
Drawn up/revised on (date): 2012-04-25		Inspected without revision on (date)

2 Supplier information

Company name: NIBE AB		Company reg. no/DUNS no : 556056-4485	
NIBE AB BOX 14 285 21 MARKARYD		Contact person: Kenneth Magnusson	
		Telephone: 0433- 730 00	
Website: www.nibe.se		E-post: kenneth.magnusson@nibe.se	
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:

3 Product information

Country of final manufacture: Sweden		If country cannot be stated, please state why	
Area of use: Home heating			
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?	☐ Yes ☒ No	If "yes", please specify:	
Is there a Type III environmental declaration for the product?		☐ Yes	☒ No



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4 Contents

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)	Classification	Note
Steel		73			
Cast iron		3			
Zinc		0,2			
Aluminium		0,2			
Brass		2,7			
Copper		5			
Wood		4			
Isolation	Neopor	2,8			
Plastic	Polyester Polypropylene Polyethylene Polyether Poly acrylonitrile butadiene styrene (abs) Polycarbonate (pc)	2,2			
Powder coating	Zinkdi(benzothi-zol-2-yk)disulfide 2ETHYL-N-N-BIS(2-ETHYLHEXYL) HEXYL AMINE TRIS(NONYLPHENYL)PHOSPHITE	0,5	155-04-04 1860-26-0 26523-78-4	<0,5 <0,5 <0,5	
Electronics		2			
Other	Compound components	2,3			
Refrigerant	R407C Norflurane Pentafluoroethane Difluoromethane	1,3	811-97-2 354-33-6 75-10-5	F+;R12	
Oil	Diamond freeze MA32R	0,8			

Other information: weight percentages are approximate values

5 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

6 Construction phase

Are there any special requirements for the product during storage?	☐ Not relevant	☐ Yes	☒ No
Are there any special requirements for adjacent building products because of this product?	☐ Not relevant	☐ Yes	☒ No



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7 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?	☐ Not relevant	☐ Yes	☒ No			
Does the product have any special energy supply requirements for operation?	☐ Not relevant	☒ Yes	☐ No	Electrical energy		
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	Note
b) Reference service life estimated to be in the interval of 18-20 years						

8 Demolition

Is the product ready for disassembly (taking apart)?	☐ Not relevant	☐ Yes	☒ No	
Does the product require any special measures to protect health and environment during demolition/disassembly?	☐ Not relevant	☐ Yes	☒ No	

9 Waste management

Is it possible to re-use all or parts of the product?	☐ Not relevant	☐ Yes	☒ No	
Is it possible to recycle materials for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	
Is it possible to recycle energy for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	☐ Not relevant	☐ Yes	☒ No	
Enter the waste code for the supplied product: 20 01 36				
Is the supplied product classed as hazardous waste?	☐ Yes		☒ No	
Other information: Recycling can be done by fragmentation where the insulation material goes to energy recovery and the metals goes to material recycling				