Building product declaration

according to BPD associations' standardised format eBVD

2023-05-23 13:27:04

HERU Select 500 Rotorskåp RE, LE

1. COMPANY INFORMATION

H. Östberg AB

Company name:	Organisation number:
H. Östberg AB	556301-2201
Address:	Contact person:
Box 54	Harald Svedung
E-mail:	Telephone:
harald.svedung@ostberg.com	+46 (0)722 54 70 45
VAT number:	Website:
GLN:	DUNS:

Company was last saved

2022-05-20 11:20:23

Company's certification

- [x] ISO 9001
- [x] ISO 14001

Other:

Policies and guidelines

- [x] The company has a code of conduct/policy/guidelines for dealing with social responsibility in the supplier chain, including procedures for ensuring the requirements
- [ ] This is third-party audited

If yes, which if the following guidelines have you affiliated to or management system you have implemented

- [ ] UN guiding principles for companies and human rights
- [ ] ILO's eight core conventions
- [ ] OECD Guidelines for Multinational Enterprises
- [x] UN Global Compact
- [x] ISO 26000

Other policy guidelines

Management system

If you have a management system for corporate social responsibility, what out of the following is included in the work?

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- [ ] Mapping
- [ ] Risk analysis
- [ ] Action plan
- [ ] Monitoring

Sustainability reporting guidelines:

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2. ARTICLE INFORMATION

Document data

Id:

C-SE556301220101-43

Version:

1

Created:

2023-05-02 08:42:21

Last saved:

2023-05-23 13:27:04

Changes relates to:

HERU Select 500 Rotorskåp RE, LE

Article name:

HERU Select 500 Rotorskåp RE, LE

Article No/ID concept

Article identity: VAT-ID

SE556301220101-8040006, SE556301220101-8040007

Product group/Product group classification

Product group system	Product group id
KN	84195080

Article description:

Rotorskåp till dubbelriktat luftbehandlingsaggregat.
Rotor cabinett for bidirectional air-handling unit.

HERU Select konfigureras med mittendel och sidodelar med egna artikelnummer. Här beskrivs innehåll mm i valbara delar.

Declarations of performance:

Not applicable

Declaration of performance number:

Other information:

Prestanda enligt ekodesign finns på hemsidan. Ecodesign performance data can be found on our web-site.

3. CHEMICAL CONTENT

Chemical content

Does the declaration apply to a product or chemical product?

product

Enter chemical content for the whole article. The concentration is calculated at component level according to the principle of “once an article always an article”.

Is there a safety data sheet for the article?

Not applicable

Is there classification of the article?

Not applicable

If yes, indicate the classification of the product under Regulation (EC) No

Enter which version of the candidate list has been used (Year, month, day)

2022-12-19

The article is covered by the RoHS Directive:

Yes

Enter the weight of the article:

114 kg

Enter how large a proportion of the material content has been declared [%]:

100

If 100% material content is not declared, please state the reason

If the article contains nanomaterials deliberately added to obtain a particular function, enter these here:

Varan innehåller inga nanomaterial medvetet tillsatta för att uppnå viss funktion.

Has the presence of nanomaterials deliberately added to notifiable chemical products been reported to the Product Register

Enter the proportion of volatile organic substances [g/litre], applies only to sealants, paints, varnishes and adhesives:

Article and/or sub-components

Phase Delivery

Component Borstlist **Weight% of product** <0.1

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
PP		<80		

Component Display **Weight% of product** <1

Comment Uppfyller RoHS, Innehåller kretskort och display, Metalldelar av förnicklat stål

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
ABS		>30 Comment: Uppfyller RoHS, Innehåller kretskort och display, Metalldelar av förnicklat stål		

Component Distanser **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
nylon		<0.05		

Component DX-styrkort **Weight% of product** <2

Comment RoHS

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Component	Expansionskort	**Weight% of product**	<0.2
Comment	RoHS		

Component	Fästelement	**Weight% of product**	

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
förzinkat låglegerat stål, Aluminium		<1		

Component	Filttätning	**Weight% of product**	<0.1

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
acrylic adhesive		<10		
filt		>90		

Component	Förskruvning	**Weight% of product**	<1

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
CR-NBR		<20		
		Comment: Packning		
Evopren TPE		<20		
		Comment: insats till förskruvning		
NBR-PTFE		<20		
		Comment: O-ring		
PA6 v-2		<80		

Component	Genomföringar för rör	**Weight% of product**	

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
gummi		<0.1		

Component	Glasfiberisolering	**Weight% of product**	

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
glasfiber		>=3		
		Comment: isover-cleantecr-g-35 BASTA		

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Component	Gummilist	**Weight% of product**	

Comment

Material	**Substance**	**Concentration interval (%)**	**EG/CAS/Alternative designation**	**Other substance properties**
EPDM		<0.3		

Component	Handtag och gångjärn	**Weight% of product**	<1

Comment

Material	**Substance**	**Concentration interval (%)**	**EG/CAS/Alternative designation**	**Other substance properties**
Gjuten zink, pulverlackad, förzinkad, förniklad		>60		
PA6GF30		>20		
Rostfritt stål 303		<40		

Component	Kablar	**Weight% of product**	<1

Comment RoHS, Halogenfria

Component	Kondensisolering	**Weight% of product**	

Comment

Material	**Substance**	**Concentration interval (%)**	**EG/CAS/Alternative designation**	**Other substance properties**
polyolefin		<0.3		

Component	Plastdetaljer	**Weight% of product**	

Comment

Material	**Substance**	**Concentration interval (%)**	**EG/CAS/Alternative designation**	**Other substance properties**
ABS		<1		
		Comment: kretskortshållare, väggfäste för display		

Component	Plåt	**Weight% of product**	

Comment

Material	**Substance**	**Concentration interval (%)**	**EG/CAS/Alternative designation**	**Other substance properties**
Aluzink, DX51D AZ185, Cr-free passivation		>=64		
Galv, DX51 Z275		>=0.5		

Component	Rotor	**Weight% of product**	

Comment

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Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Aluminium		<26		

Component	Rotormotor	**Weight% of product**	<3
Comment	Uppfyller RoHS		
Component	rotor-rem	**Weight% of product**	<0.02
Comment			

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
PU85A		<100		

Component	Rotorstyrkort	**Weight% of product**	<0.1
Comment	RoHS		
Component	Rotorstyrning, VariMax 25 NG	**Weight% of product**	<0.5
Comment	Uppfyller RoHS, Innehåller kretskort.		
Component	Stoslock	**Weight% of product**	
Comment			

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
ABS		<0.05		

Component	Styrkort	**Weight% of product**	<0.2
Comment	RoHS Inkl. tempgivare, antenn		
Component	Tätningslist 5x10	**Weight% of product**	
Comment			

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Cellular Rubber CR 1240		<0.001		

Component	Tätningsmassa invändig	**Weight% of product**	
Comment			

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Styrenakrylat		<0.2 Comment: Sicakryl HM BASTA		

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Component	Tätningsmassa, utvändig	**Weight% of product**	<0.3
Comment	Würt saBesto Grey		
Component	Värmebatteri EL	**Weight% of product**	<4
Comment	RoHS		

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Låda med överhettningsskydd, DX51D Z200		<15		
Plåt, Aluzink, DX51D AZ185		>=65		
		Comment: RoHS		
värmeslingor, EN 1.4301		<20		

Phase	Mounted		
Component	Borstlist	**Weight% of product**	<0.1
Comment			

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
PP		<80		

Component	Display	**Weight% of product**	<1
Comment	Uppfyller RoHS, Innehåller kretskort och display, Metalldelar av förnicklat stål		

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
ABS		>30		
		Comment: Uppfyller RoHS, Innehåller kretskort och display, Metalldelar av förnicklat stål		

Component	Distanser	**Weight% of product**	
Comment			

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
nylon		<0.05		

Component	DX-styrkort	**Weight% of product**	<2
Comment	RoHS		
Component	Expansionskort	**Weight% of product**	<0.2
Comment	RoHS		
Component	Fästelement	**Weight% of product**	
Comment			

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Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
förzinkat låglegerat stål, Aluminium		<1		

Component Filttätning **Weight% of product** <0.1

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
acrylic adhesive		<10		
filt		>90		

Component Förskruvning **Weight% of product** <1

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
CR-NBR		<20		
		Comment: Packning		
Evopren TPE		<20		
		Comment: insats till förskruvning		
NBR-PTFE		<20		
		Comment: O-ring		
PA6 v-2		<80		

Component Genomföringar för rör **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
gummi		<0.1		

Component Glasfiberisolering **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
glasfiber		>=3		
		Comment: isover-cleantecr-g-35 BASTA		

Component Gummilist **Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
EPDM		<0.3		

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Component	Handtag och gångjärn	**Weight% of product**	<1

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Gjuten zink, pulverlackad, förzinkad, förniklad		>60		
PA6GF30		>20		
Rostfritt stål 303		<40		

Component	Kablar	**Weight% of product**	<1

Comment RoHS, Halogenfria

Component	Kondensisolering	**Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
polyolefin		<0.3		

Component	Plastdetaljer	**Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
ABS		<1 Comment: kretskortshållare, väggfäste för display		

Component	Plåt	**Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Aluzink, DX51D AZ185, Cr-free passivation		>=64		
Galv, DX51 Z275		>=0.5		

Component	Rotor	**Weight% of product**

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Aluminium		<26		

Component	Rotormotor	**Weight% of product**	<3

Comment Uppfyller RoHS

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Component	rotor-rem	**Weight% of product**	<0.02

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
PU85A		<100		

Component	Rotorstyrkort	**Weight% of product**	<0.1
Comment	RoHS		
Component	Rotorstyrning, VariMax 25 NG	**Weight% of product**	<0.5
Comment	Uppfyller RoHS, Innehåller kretskort.		
Component	Styrkort	**Weight% of product**	<0.2
Comment	RoHS Inkl. tempgivare, antenn		
Component	Tätningslist 5x10	**Weight% of product**	

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Cellular Rubber CR 1240		<0.001		

Component	Tätningsmassa invändig	**Weight% of product**	

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Styrenakrylat		<0.2 Comment: Sicakryl HM BASTA		

Component	Tätningsmassa, utvändig	**Weight% of product**	<0.3
Comment	Würt saBesto Grey		
Component	Värmebatteri EL	**Weight% of product**	<4
Comment	RoHS		

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Other substance properties
Låda med överhettningsskydd, DX51D Z200		<15		
Plåt, Aluzink, DX51D AZ185		>=65 Comment: RoHS		
värmeslingor, EN 1.4301		<20		

Other information:

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4. RAW MATERIALS

Is there supporting documentation for the raw materials for third-party certified system for control of origin, raw material extraction, manufacturing or recycling processes or similar (for example BES 6001:2008, EMS certificate, USGBC Program)? If yes, enter system(s):

Raw materials

Total recycled material in the article

☐ Is recycled material included in the article?

Renewable material

Enter proportion of renewable material in the article

☐ Included biobased raw material is tested according to ASTM test method D6866:

Origin of raw material

For this product, there has been no withdrawal of virgin fossil material

Yes

If yes, please indicate the maximum percentage of virgin fossil material that can be included in the material (or item) in question

80

Wood raw materials

☐ Wood raw materials are included

☐ Included wood raw material is certified

How large a proportion is certified [%]?

What certification system has been used (for example FSC, CSA, SFI with CoC, PEFC)?

Reference number:

Enter logging country for the wood raw material and that following criteria have been met. Country of logging:

☐ Does not contain type of wood or origin in CITES appendix of endangered species

Which version of CITES has been used for the check?

☐ The timber has been logged legally and there is certification for this

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5. ENVIRONMENTAL IMPACT

Environmental impact during life cycle of the article, production phase module A1-A3 under EN

☐ Has environmental product declaration been drawn up according to EN 15804 or ISO 14025 for the article?

These product-specific rules, known as PCR, have been applied:

Registration number / ID number for EPD:

If there is environmental product declaration or other life cycle assessment, describe how the environmental impact of the article is taken into account from a life cycle perspective:

Stålplåt-materialet som utgör större delen av produkten har en miljöpåverkan som beskrivs i EPD för materialet.
Glasfiberisoleringen har en miljöpåverkan som beskrivs i EPD för materialet.
Tillverkningen är en lågintensiv process utan större energiåtgång.
Energibesparing i brukarfasen genom värmeåtervinning ur ventilationsluften är relaterat till aggregatets ekodesign-prestanda.
Aggregatet går att återanvända alternativt materialåtervinna.

6. DISTRIBUTION

Distribution of finished article

Does the supplier apply any system with multiple-use packaging for the article?

Yes

Does the supplier take back packaging for the article?

No

Is the supplier affiliated to a system for product responsibility for packaging?

Yes

If yes, which packaging and which system?

Wellpapp, FTI

Can packaging/packaging be reused?

Not applicable

Can packaging/packaging be recycled?

Not applicable

Can packaging/packaging be energy recycled?

Not applicable

Does the supplier use Retursystem Byggpall?

No

Other information:

7. CONSTRUCTION PHASE

Construction phase

Does the article make special requirements in storage?

Yes

Specify

Anges i installationsmanual.

Does the article make special requirements for surrounding building products?

Not applicable

Specify

Other information:

8. USE PHASE

Use phase

Does the article make requirements for input materials for operation and maintenance?

Yes

Specify:

Filterbyte skall genomföras regelbundet. Rekomenderas 1 gång/år.

Does the article require supply of energy during operation?

Yes

Specify:

Kräver el-installation

Estimated technical service life for the article:

15 years

Comment:

Referenslivslängd gäller under "normal drift" enligt vid leveranstillfället gällande produktblad.

Is there energy labelling under the Energy Labelling Directive (2010/30/EU) for the article?

Not applicable

If yes, enter labelling (G to A, A+, A++, A+++):

If yes, enter marking (G to A)

Other information:

För ekodesigndata se produktwebsidansidan.
Ecodesign data is given on the product webpage.
1253/2014 (EU)

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9. DEMOLITION

Demolition

Is the article prepared for disassembly (dismantling)?

Yes

Can the product be separated into pure material types for recycling?

Yes

Specify:

Stål, glasfiberisolering, aluminium, koppar.

Does the article require special measures for protection of health and environment in demolition/disassembly?

Yes

Specify:

Skydd mot damm vid hantering av filter-
Rätt verktyg vid demontering av fläktmotorer.

Other information:

10. WASTE MANAGEMENT

Delivered article

Is the supplied article covered by the Ordinance (2014:1075) on producer responsibility for electrical and electronic products when it becomes waste?

No

Is reuse possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

Ett använt aggregat går att återanvända i ett annat ventilationssystem under förutsättning att tryck, flöde, temperaturer och luftfuktighet medger god verkningsgrad för fläktar och värmeåtervinning.

Is material recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

Elmotorer, fästelement, manöverenhet, rotor, isolering, elektronik-, plåt- och plastkomponenter är återvinningsbart material.

Is energy recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

tätningsmaterial, borstlist, manöverenhet, filter, plast- och elektronikkomponenter är energiåtervinningsbart material.

Does the supplier have restrictions and recommendation for re-use, material or energy recovery or landfilling?

No

Specify:

Waste code for the delivered article when it becomes waste
15 - Förpackningsavfall; absorbermedel, torkdukar, filtermaterial och skyddskläder som inte anges på annan plats
17 - Bygg- och rivningsavfall (även uppgrävda massor från förorenade områden)

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20 - Kommunalt avfall (hushållsavfall och liknande handels-, industri- och institutionsavfall) även separat insamlade fraktioner

When the supplied article becomes waste, is it classified as hazardous waste?

No

Mounted article

Is the mounted article classified as hazardous waste?

No

Other information

11. INDOOR ENVIRONMENT

Indoor environment

- ☐ The article is not intended for indoor use
- ☐ The article does not emit any substances
- ☑ Emissions from the article not measured

Does the article have a critical moisture state?

No

If yes, state what:

Noise

Can the article give rise to own noise?

Yes

Value:

Unit:

Measuring method:

Electrical field

Can the article give rise to electrical fields?

Not applicable

Value:

Unit:

Measuring method:

Magnetic fields

Can the article give rise to magnetic fields?

Not applicable

Value:

Unit:

Measuring method:

Paints and varnishes

- ☐ The article is resistant to fungi and algae in use in wet areas

Emissions

The article produces the following emissions in intended use:

Other information

För ljuddata hänvisas till hemsidan.
Uppfyller EMC-direktivet.

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