

HVAC Trade Standard according to

Svensk Ventilation

BUILDING PRODUCT DECLARATION BVD 3

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

Product identification				Documer	nt ID BVD 23	3		
Product name GOLD-004/005, 007/008, 011/012, 014/020, 025/030, 035/040, 050/060, 070/080, 100/120 Ver. F	Product no./ID designation			Product group GOLD AIR HANDLING UNIT				
New declaration	In the case of	f a revised de	clarat	ion				
Revised declaration	Has the product changed?	been The ch	ange re	elates to				
	□ No □	Yes Change	ed proc	duct can be	e identified by	I		
Drawn up/revised on (date) July	07, 2017	Inspec	ted wit	hout revis	ion on (date)			
Other information:								
Supplier information Company name Swegon Operat			Com	pany reg.	no./DUNS no	o. 55607	7-8	465
Address Box 300			Cont	act persor	Dan Örtenç	gren		100
Address Box 300 SE-535 23 Kvä			Cont	act persor	Dan Örteng +46 512-32	gren		100
Address Box 300 SE-535 23 Kvä Website: www.swegon.com	num, Sweden	nant system?	Cont Tele E-ma	act persor phone ail info@	Dan Örten +46 512-32 Swegon.se	gren		
Address Box 300 SE-535 23 Kvä Website: www.swegon.com Does the company have an environment of the company possesses	num, Sweden	nent system? ⊠ ISO 14000	Cont	act persor phone ail info@	Dan Örteng +46 512-32	gren 2200		
Address Box 300	num, Sweden		Cont	act persor phone ail info@	Dan Örten +46 512-32	gren 2200		
Address Box 300 SE-535 23 Kvä Website: www.swegon.com Does the company have an environ The company possesses certification in compliance with	num, Sweden		Cont	act persor phone ail info@	Dan Örten +46 512-32	gren 2200		
Address Box 300 SE-535 23 Kvä Website: www.swegon.com Does the company have an environation in compliance with Other information: Product information	num, Sweden		Cont Tele E-ma	phone ail info@	+46 512-32 +46 512-32 Swegon.se No If "Other", p	gren 2200 lease spe		
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Address Box 300 SE-535 23 Kvä Website: www.swegon.com Does the company have an environthe company possesses ertification in compliance with Other information: Product information Country of final manufacture Area of use Ventila s there a Material Safety Data Sh	num, Sweden onmental managen ISO 9000 Sweden ation of buildings	If country cars	Cont Tele E-ma Y Cont Tole Tole Tole Tole Tole Tole Tole Tole	phone ail info@ Yes Other	+46 512-32 +46 512-32 Swegon.se No If "Other", p	gren 2200 lease spe	cify	: No
Address Box 300 SE-535 23 Kvä Website: www.swegon.com Does the company have an environment of the company possesses certification in compliance with Other information: Product information Country of final manufacture	num, Sweden onmental managen ISO 9000 Sweden ation of buildings	If country car	Cont Tele E-ma Y Cont Tole Tole Tole Tole Tole Tole Tole Tole	phone ail info@ Yes Other	+46 512-32 swegon.se No If "Other", pi	gren 2200 lease spe	cify	: No

Is there a Type III Environmental Declaration for this product?	Yes	⊠ No
Other information: Eurovent approved, Passive House approved component		

4 Contents (To add a new green row, tab ahead from the last green row's white comments box or select and copy an entire empty row and paste it in. See the instructions for further information.)

At the time of delivery, the pr	_	1		_	
Constituent materials/Components	Constituent substances	Weight % or g	EG no./ CAS no. (or alloy)	Classific ation	Comments
Granite HDX (Painted sheet steel)					
	Iron	20,5 %	7439-89-6		
	Aluminium	0,013 %	7429-90-5		
	Zinc	0,013 %	7440-66-6		
	Formaldehyde	4,7*10 ⁻⁵ %	50-00-0		
	Melamine polymer	0,02 %	30-00-0		
	Epoxy resin	0,016 %	25068-38-6		
	Hexane, 1.6- diisocyanate, homopolymer	0,0075 %	85940-94-9		
	Hexamethylene diisocyanate	1,83*10 ⁻⁵ %	822-06-0		
	2-Butanone oxime	1*10 ⁻⁴ %	96-29-7		
	Saturated polyester	0,1 %			Hardened
	Silicon dioxide	0,019 %	7631-86-9		
	Calcium silicate	4,5*10-4 %	1344-95-2		
	Titanium dioxide	0,036 %	13463-67-7		
	Dibutyltin dilaurate	5,91*10 ⁻⁴ %	77-58-7		
	Dodecylbenzenes ulfonic acid	3,23*10-4 %	27176-87-0		
	Phosphoric acid	0,002 %	7664-38-2		
	Acrylic polymer	0,0017 %			
Aluminium-zinc coated sheet steel, (DX51D AZ185)			EN 10346:2009		
	Iron	40,6 %	7439-89-6		
	Aluminium	0,47 %	7429-90-5		
	Zinc	0,37 %	7440-66-6		
Galvanized sheet steel, (DOGAL 300 LAD)			EN 10346:2009		
	Iron	10,9 %	7439-89-6		

	Zinc	0,21 %	7440-66-6	
	ZIIIC	0,21 /0	7440-00-0	
Other metals				
- Cirio motaro	Steel	0,61 %	68467-81-2	
	Aluminium	11,8 %	7429-90-5	
		11,070	20 00 0	
Motors		7,2 %		
	Iron	,	7439-89-6	
	Copper	≤2,16 %	7440-50-8	
		·		
Electronic devices (circuit cards)		1,7 %		
	Bisphenol A	≤0,15 %	80-05-7	
	Lead	<0,0005 %	7439-92-1	
	Epichlorhydrin	≤0,075 %	106-89-8	
	Glass fibre	≤0,3 %	65997-17-3	
	Copper	<0,15 %	7440-50-8	
	Silver	<0,005 %	7440-22-4	
	Tin	<0,005 %	7440-31-5	
	Tetrabrombisphe nol A (TBBP-A)	≤0,085 %	79-94-7	
Polymeric materials				
Decals	Polycarbonate	0,045 %	24936-68-3	
Handles/Hinge	Polyamide (PA6/FG30)	0,5 %	25038-54-4	
Junction hood	PC/ASA	0,13 %	24936-68-3 +	
			26299-47-8	
Hoses	PVC	0,072 %	9002-86-2	
D sealing strips	EPDM	0,39 %	61789-00-2	
VT sealing strips	PVC	0,09 %	9002-86-2	
Condensate mat	Polythene	0,079 %	9002-88-4	
Situseal sealing strip	Polyether	0,014 %	64060-31-7	
Bristled sealing strip	Polypropylene	0,047 %	9003-07-0	
Mineral wool		2,7 %	287922-11-6	
	Mineral wool	2,56 %		
	Phenol	<0,1 %	108-95-2	
	Formaldehyde	<0,1 %	50-00-0	
	Urea	<0,12 %	57-13-6	
	Mineral oil	0,02 %		
Filters				
	Polystyrene	0,58 %	9003-53-6	
	Polyester	0,55 %	25038-59-9	
	Glass fibre	0,02 %	65997-17-3	

Other information: Selection of air handling unit size and configuration can slightly affect the constituent materials. Calculated on GOLD-020-RX, total weight of 573 kg. Zinc used internally only, no contact with water.

If the chemical composition of the finished built in product should table.								
Constituent materials/Components	Constituent substances	Weight % or g	EG no./ CAS no. (or alloy)	Classific ation	Comments			
Other information:								

5 Production phase

Resource utilisation and environmental imp following ways:	oact during production o	f the j	product is reported	d in one of the				
(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 uct group	☐ The product's production unit				
Specify raw materials and intermediate goo the product	ds used in the manufactur	e of	Not relevant					
Raw material/intermediate goods	Quantity and unit		Comments					
Indicate recycled materials used in the manuf	facture of the product		Not relevant ■					
Type of material	Quantity and unit		Comments					
Enter the energy used in the manufacture of the parts	ne product or its componer	nt	Not relevant					
Type of energy	Quantity and unit		Comments					
Enter the transportation used in the manufacture of the product or its component parts								
Type of transportation	Comments							
Enter the emissions to air, water or soil from product or its component parts	the manufacture of the		Not relevant					
Type of emission	Quantity and unit		Comments					

				on recycled			
			Material	Energ			
Residual product	Waste code	Quantity	recycled	% recycl	ed %	Comments	
Is there a description of the	Yes	☐ No	If "ves".	please speci	fv:		
data accuracy for the			11 ,000,	prouse speer	-) -		
manufacturing data?							
manaractaring data.							
Other information:							
6 Distribution of fini	shed prod	duct					
Does the supplier put into pra			nd carriers	☐ Not rel	evant	Yes	⊠ No
for the product?	cace a system i	or recurring loc			· ruiit		
			4.1				N
Does the supplier put into pra	ctice any syster	ms involving m	ulti-use	☐ Not rel	evant	☐ Yes	No No
packaging for the product?							
Does the supplier take back p	ackaging for th	is product?		☐ Not rel	evant	☐ Yes	⊠ No
*						∑ Yes	
Is the supplier affiliated to RE	PA!			☐ Not rel	evant	∐ Yes	☐ No
Other information:							
	se						
7 Construction phas		Not rolovo	nt ∨o	g No	If "vice	" places creati	\ *
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b) Reference service life estimated to be in the interval of years							
Other information: The reference service life ap when the product is delivered.	oplies to "normal opera	ntion" accordin	g to the prod	duct data sheet in force			
9 Demolition							
Is the product ready for disassembly (taking apart)?	☐ Not relevant	⊠ Yes	□ No	If "yes", please specify: All components can be disassembled for sorting the different types of material into separate bins for recycling.			
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:							
Other information:							
Other information:							
Other information:							
Other information:							
Other information: 10 Waste management							
	Not relevant ■	☐ Yes	☐ No	If "yes", please specify:			
10 Waste management Is it possible to recycle all or parts of the	Not relevantNot relevant	☐ Yes ☑ Yes	□ No				
10 Waste management Is it possible to recycle all or parts of the product? Is it possible to recycle materials for all or				specify: If "yes", please specify: See constituent			
Is it possible to recycle all or parts of the product? Is it possible to recycle materials for all or parts of the product? Is it possible to recycle materials for all or parts of the product?	☐ Not relevant	⊠ Yes	□ No	specify: If "yes", please specify: See constituent material/Components If "yes", please			
Is it possible to recycle all or parts of the product? Is it possible to recycle materials for all or parts of the product? Is it possible to recycle materials for all or parts of the product? Is it possible to recycle energy for all or parts of the product? Does the supplier have any restrictions and recommendations for re-use, material or	Not relevantNot relevantNot relevant		□ No	specify: If "yes", please specify: See constituent material/Components If "yes", please specify: If "yes", please			
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11 Indoor environment of the box or select and copy an e			row, tab ahead from the last grass for further information.)	reen row's white comments		
When used as intended	, the product gives of	off the following emission	ons:	uct does not have any		
Type of emission	Quantity [µg/n	Quantity [µg/m²h] or [mg/m³h]		Comments		
	4 weeks	26 weeks	measurement			
Can the product itself g	give rise to any noise	e?	Not relevant ■	☐ Yes ☐ No		
Value	Value Unit		Method of measure	ment:		
Can the product give rise to electrical fields?		Not relevant ■ Not relevant Not relevant	Not relevant			
Value		Unit	Method of measure	ment		
Can the product give ri	se to magnetic field	s?	Not relevant ■ Not relevant Not relevant	☐ Yes ☐ No		
Value	<u> </u>	Unit	Method of measure	Method of measurement		

Other information: The sound data is specified for each separate air handling unit in the technical supporting documents

References

with regard to duty point.

http://www.swegon.com/en/Products/Air-Handling-Units/ONE-PIECE-AIR-HANDLING-UNIT-GOLD/

The EMC and LVD are met - we refer to the EU Declaration of Conformity.