



## *Environmental Product Declaration*

<b>Product</b>	Type of equipment	<b>RWD44</b>
	Designation	<b>Heat Pump Controller with 4 digital outputs</b>
	Product line	<b>Autonomous controllers - RWD</b>
<b>Manufacturer</b>	Siemens BuildingTechnologies Ltd. Unit 1006-10, 10/F, China Resources Building, 26 Harbour Road, Wanchai, Hong Kong	
<b>Environmentally compatible product design</b>	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying Siemens Standard SN 36350 "Environmentally compatible products".	
<b>Product use</b>	Typical energy consumption per year	<b>25 kWh/a</b>
	Maintenance	<b>Not necessary</b>
<b>Risk of fire</b>	Fire protection according to	<b>EN 60730</b>
	Fire load	<b>7 MJ</b>
<b>Packaging</b>	20-PAP Corrugated fiber board	<b>Single unit in folded box      72 g</b>
	Notes on disposal	<b>One-way, recyclable</b>

<b>Materials</b>			Total weight of device	<b>337 g</b>
Plastics	PC	halogen-free	Top housing	<b>91 g</b>
	PC	halogen-free	Bottom housing	<b>54 g</b>
	Q silicone rubber	halogen-free	Silicon buttons	<b>3 g</b>
Metals	Steel	zinc plated	8 screws T2.6 x 6	<b>3 g</b>
	Steel	nickel plated	2 screws T3 x 24	<b>2 g</b>
	Tin (Zn coated)	plastic film coated	Metal sheet	<b>2 g</b>
PCB assembled	FR2, TBBA, SnAgCu		Power board	<b>117 g</b>
	FR4, TBBA, SnAgCu		CPU board	<b>65 g</b>

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

<b>Special components</b>			
Relay, contacts AgNi0.15	4 pcs		(32 g)
LCD 21 cm <sup>2</sup>	1 pc		(14 g)
Ribbon cable, PVC/Cu	12 cm		(8 g)

Weights in brackets are already included in components declared under materials.

## Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered to. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

## Comments

### Materials:

The device is free from substances banned by the Directive 2002/95/EC (RoHS):

Pb, Hg, Cr6+, PBB, PBDE: < 0.1% by weight in homogeneous materials.

Cd: < 0.01 % by weight in homogeneous materials.

The device is halogen-free excepted the PCBs (TBBA and 12 cm PVC cable)

### Legal disclaimer: This declaration is for information purposes only

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Siemens Building Technologies Ltd. therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.