



## *Environmental Product Declaration*

<b>Product</b>	Device type	<b>RVP540, RVP550</b>
	Designation	<b>Heat Energy Manager</b>
	Product range	<b>SIGMAGYR</b>

<b>Process control</b>	Siemens Building Technologies Ltd. Gubelstrasse 22, CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	<b>Oct. 20, 1998</b>	<b>BSI</b>
	ISO 9001 (quality)	<b>July 12, 1986</b>	<b>BSI</b>

<b>Product use</b>	Typical energy consumption per year	<b>approx. 44 kWh</b>
	Maintenance	<b>none</b>
	Environmental benefits	<b>see notes on page 2</b>

<b>Environmental risk (fire)</b>	Fire protection as per	<b>EN 60 730</b>
	Fire load	<b>approx. 16 MJ</b>
	Parts containing halogens (result in corrosive smoke)	<b>circuit boards with components</b>

<b>Packaging</b>	Paperboard, cardboard boxes, paper	<b>cardboard box with PE label and foamed PE insert (without CFC)</b>	<b>69 g</b>
	Notes on disposal	<b>RESY recycling system</b>	

<b>Materials</b>		total weight of device	<b>676 g</b>
Plastics	ABS halogen-free	front plate / cover	<b>31 g</b>
	ASA+PC (FR 40)	terminal base	<b>137 g</b>
	ASA halogen-free	case / setting knob	<b>106 g</b>
	Q silicone rubber	switch pad	<b>36 g</b>
	PA	2 levers terminal strips	<b>35 g</b>
Metals	Steel zinc-plated	Cheese head screws, Metal bracket, Auxiliary terminals	<b>83 g</b>
Circuit boards with components	FR4 / CEM3, containing halogens, SnPb solder	I/O circuit board	<b>180 g</b>
	FR4 / CEM3, containing halogens, SnPb solder	operating circuit board	<b>70 g</b>
<b>Special Components</b>	LCD, 15 cm <sup>2</sup> , unlit	on operating circuit board	<b>(11 g)</b>
	Relays, AgSnO <sub>2</sub> / AgNi 0.15 contacts	10 pcs. on I/O circuit board	<b>(55 g)</b>
	Trafo, Epoxy Hysol	on I/O circuit board	<b>(18 g)</b>

(Weights in parentheses are already included in the weight of the components specified in "Materials")

### Disposal



Do not dispose of the device as part of household garbage, but as special waste from electrical and electronic components. This applies particularly to circuit boards.

In addition, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

**Observe all local and applicable laws!**

### Notes

#### Materials:

- For disposal, the controller can be easily disassembled.

#### Environmental benefits:

- The controller is especially designed for the control of heating plant burning renewable forms of energy (wood, solar).

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

The above information may be inaccurate or incomplete. 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.

If you require further information on environmental aspects and disposal, contact your local Siemens branch office.