



## *Environmental Product Declaration*

### Product

Device type	<b>RAK-TR..., RAK-TW... RAK-TB..., RAK-ST...</b>
Designation	<b>single immersion thermostats</b>
Product range	

### Process control

Siemens Building Technologies Ltd. Gubelstrasse 22, CH-6301 Zug		
Management system certified	since	by
ISO 14001 (environment)	<b>20 Oct. '98</b>	<b>BSI</b>
ISO 9001 (quality)	<b>22 July '86</b>	<b>BSI</b>

### Product use

Typical energy consumption per year	<b>passive switch</b>
Maintenance	<b>none</b>
Environmental benefits	<b>see notes on page 2</b>

### Environmental risk (fire)

Fire protection as per	<b>EN 60730</b>
Fire load	<b>ca. 4 MJ</b>
Parts containing halogens (result in corrosive smoke)	<b>switching plate</b>

### Packaging

Cardboard boxes	<b>single packaging with insert and polyester label 55g</b>
Notes on disposal	<b>can be recycled – marked on packaging</b>

<b>Materials</b>		total weight of device (*)	<b>ca. 215 g</b>
Plastics	ABS+PC	outer housing cover, knob (*)	<b>32...38 g</b>
	PA66	outer housing base, M16, thermostat cover	<b>74 g</b>
	PBT, containing halogens < 0.1%	switching plate (*)	<b>10...12 g</b>
	PC	window (TW, TB, ST, *)	<b>1 g</b>
Metals	St	screws	<b>5 g</b>
	CuZn	thermostat (*)	<b>5...10 g</b>
	Fe	thermostat (*)	<b>67...71 g</b>
	Cu	thermostat	<b>20 g</b>
	ZnAl	thermostat (*)	<b>2...5 g</b>
	Ag	thermostat	<b>0.05 g</b>
	Fluid	Expansion liquid	mineral oil

### Disposal



Do not dispose of the device as part of standard household garbage, but as special waste from electrical and electronic components. Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

**Observe all local and applicable laws!**

### Notes

#### Materials

(\*) Type-specific RAK-TR..., RAK-TW..., RAK-TB... or RAK-ST...

#### Options

Optionally the thermostats can be ordered with 100 mm pocket (brass, 80 g) and/or strap (steel, 15 g).

#### Environmental benefits

Minimisation of heating energy consumption.

#### 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.