



## *Environmental Product Declaration*

<b>Product</b>	Device type	<b>RDF410</b>
	Designation	<b>Digital Room Thermostat</b>
	Product range	<b>RDF310.2, RDF310.21, RDF410.21, RDF410.21/CN</b>
<b>Process control</b>	Siemens Ltd. Units 1006-10, 10/F China Resources Building 26 Harbour Road, Wanchai, Hong Kong.	
<b>Product use</b>	Typical energy consumption per year	<b>appr. 52kWh</b>
	Maintenance	<b>No maintenance</b>
	Environmental benefits	<b>see notes on page 2</b>
<b>Environmental risk (fire)</b>	Fire protection as per	<b>EN60730</b>
	Fire load	<b>appr. 4 MJ</b>
	Parts containing halogens (result in corrosive smoke)	<b>PCB</b>
<b>Packaging</b>	Paperboard, cardboard boxes, paper	<b>Single packing made of carton, paper ≤ 62g</b>
	Notes on disposal	<b>Can be recycled</b>

<b>Materials</b>		total weight of device	<b>≤187g</b>
Plastics	ABS Halogen free	Front Case	<b>≤10 g</b>
	ABS Halogen free	Rear Case	<b>≤20 g</b>
	ABS Halogen free	Power BD Housing	<b>≤14 g</b>
	ABS Halogen free	Knob	<b>≤6 g</b>
	PC	Lens	<b>≤8 g</b>
Metals	Mild steel, nickel plated	screw	<b>≤5 g</b>
	Mild steel	LCD Bracket	<b>≤7 g</b>
Circuit boards with components	FR4 containing brominated flame retardant / components mounted with SnPb37 solder	Main PCB	<b>≤117g</b>
<b>Special Components</b>	None		<b>0 g</b>
Remark: SECC	Material commodity: Electrolytic Zinc-coated steel sheet in coil, Unizinc (Base Metal cold rolled) Specification: JIS G3313 SECC coating weight E16-E16 Chemical Treatment C2/C2		

(Weights in brackets are included in already under materials declared components)

### Disposal



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

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:

Listed weights are maximum ratings, covering all units marked with RDF310..& RDF410..

#### Environmental benefits:

Minimisation of energy consumption in heating and cooling systems. Energy saving mode reduces power 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.