



Environmental Product Declaration

Product

Device type	RDF..
Designation	Room Fancoil Controller with Digital Display
Product range	RDF10/10.1/10.2/20/30/50.1/60.1

Process control

Siemens Building Technologies Ltd.
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Product use

Typical energy consumption per year	appr. 52kWh
Maintenance	No maintenance
Environmental benefits	see notes on page 2

Environmental risk (fire)

Fire protection as per	EN60730
Fire load	appr. 5 MJ
Parts containing halogens (result in corrosive smoke)	PCB

Packaging

Paperboard, cardboard boxes, paper	Single packing made of carton, paper ≤ 20g
Notes on disposal	Can be recycled

Materials		total weight of device	≤240 g
Plastics	PC + ABS Halogen free	Front housing	≤36 g
	PC + ABS Halogen free	Middle Housing	≤28 g
	PC + ABS Halogen free	Base Plate	≤36 g
	PC + ABS Halogen free	Keys and Knob	3 g
Metals	Brass, nickel plated	Terminal plate	8 g
	SECC*, electrolytic with zinc plated	Terminal box	5 g
	Mild steel, nickel plated	Terminal screw	6 g
Circuit boards with components	FR4 containing brominated flame retardant / components mounted with SnPb37 solder	Main PCB	≤36 g
	FR4 containing brominated flame retardant / components mounted with SnPb37 solder	Power PCB	≤50 g
Special Components	LCD		< 8g
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 RDF..

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

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