



Environmental Product Declaration

Product	Device type	VDN...
		VEN...
	Designation	Radiator valves
	Product range	Acvatix™
Process control	Siemens Switzerland Ltd Building Technologies Group Gubelstrasse 22, CH-6301 Zug	
	Management system certified	since by
	ISO 14001 (environment)	Dec. 12, 1997 BSI
	ISO 9001 (quality)	May 30, 1986 BSI
Product use	Typical energy consumption per year	Self-acting technology
	Maintenance	Maintenance-free
	Environmental benefits	See notes on page 2
Environmental risk (fire)	Fire protection as per	Not applicable
	Fire load	Not applicable
	Parts containing halogens (result in corrosive smoke)	Not applicable
Packaging	Paperboard, cardboard boxes, paper	Cardboard
	Notes on disposal	Recyclable cardboard

Materials	total weight of device		214 – 405	g
Plastics		PPS	2.2 – 3.8	g
		PP	9.1 – 9.9	g
Metals	brass		200 – 400	g
	steel		1.3	g
Special Components	O-rings with silicon grease	EPDM NBR	2 – 4	g

Disposal

Do not dispose the devices as part of unsorted municipal waste.
 Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.
 Observe all local and applicable laws.

Notes

Environmental benefits: The self-acting technology contributes to energy savings in commercial as well as private applications. The heating bill is reduced by 15 to 20 %.

All valves have a presetting device. Therefore the hydraulic balancing of buildings can be optimised and so can flow temperature and pump pressure.

Due to the design of the valve , the valve has a long lifetime and is maintenance-free

Valves and total weight:

Valve	Total weight in g	Valve	Total weight in g
VDN110	237	VEN110	223
VDN115	286	VEN115	269
VDN120	405	VEN120	375
VDN210	215	VEN210	214
VDN215	264	VEN215	259
VDN220	384	VEN220	358
		VUN210	253
		VUN215	302

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 Switzerland 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.