



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	VVF42.50-40K	Durchgangsventile, DN 50
		VVF42.65-63K	Durchgangsventile, DN 65
		VVF42.80-100K	Durchgangsventile, DN 80
		VVF42.100-160K	Durchgangsventile, DN 100
		VVF42.125-250K	Durchgangsventile, DN 125
		VVF42.150-360K	Durchgangsventile, DN 150
	Product line	New Generation Acvatix - Ventile	
<b>Process control</b>	Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management System	since	by
	ISO 14001 (Environment)	20.10.1998	SQS
	ISO 9001 (Quality)	22.07.1986	SQS
<b>Environmentally compatible product design</b>	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".		
	Maintenance	Not necessary	
	Fire load	variant *) see below	
<b>Packaging</b>	22-PAP paper	Carton Box	variant
	4-LDPE	Protection cap (DN125 .. DN150)	variant
	Wood	Wooden Pallet (DN125 ... DN150)	variant
	Notes on disposal	One-way, recyclable	
<b>Materials</b>	Total weight of device	variant *) see below	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	PTFE; halogenated	Wiper ring	22g
	EPDM; halogen-free	O-Ring	1g
	FEPM; halogenated	O-Ring	variant
Metals	EN GJL-250; lacquered	valve housing	variant
	CUZn5Sn5Pb2	Plug size DN65 / DN80	variant
	steel CrNi	plug size DN50 / DN100 / DN125 / DN150 stem, compensation ring	variant
	Al; eloxiert	plate	2g
	CuZn	stem sealing housing	86g
	Cu	sealing	2g
Others	Steel; lacquered	blinde flange	variant
	Steel	bolt, nut	variant
	silicon-free	grease	6g
	Klingersil C4300	Sealing blind flange	variant

**\*Variant parts list**

	VVF42.50-40K	VVF42.65-63K	VVF42.80-100K	VVF42.100-160K	VVF42.125-250K	VVF42.150-360K						
Total weight of device [g]	11.989	17.767	26.902	35.232	51.494	75.198						
O-Ring	3	10	12	15	18	21						
valve housing	7.700	12.200	19.200	26.000	39.200	56.600						
Plug size DN65 / DN80		660	960									
plug size DN50 / DN100 / DN125	642	653	809	2'200	2'796	5'624						
blinde flange	2'900	3'500	4'500	5'600	8'000	10'400						
bolt, nut	616	616	1'288	1'288	1'344	2'416						
Sealing blind flange	10	10	15	11	18	19						
Fire load [MJ]	1	1	1	1	1	2						

**Packaging**

	VVF42.50-40K	VVF42.65-63K	VVF42.80-100K	VVF42.100-160K	VVF42.125-250K	VVF42.150-360K						
Carton Box [g]	980	2'100	2'100	2'400	4'000	4'000						
Protection cap (DN125 .. DN150)					170	212						
Wooden Pallet (DN125 ... DN150)					8'500	8'500						

**Disposal**

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible. Observe all local and applicable laws.

**Comments**

**EU-directive 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

**Regulation (EC) No. 1907/2006 (REACH)**

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

(Status according to the creation date of this document.)

The device is halogen-free with exception of:  
PTFE; FEPM; grease; Flat Sealing Ring

**Legal Disclaimer: This declaration is for information purpose 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 Schweiz AG 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.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.