



## Environmental Product Declaration

### Product

Type of equipment / Product No.	VVF42.15..	Two Port Valve, DN15
	VVF42.20..	Two Port Valve, DN20
	VVF42.25..	Two Port Valve, DN25
	VVF42.32..	Two Port Valve, DN32
	VVF42.40..	Two Port Valve, DN40
	VVF42.50..	Two Port Valve, DN50
	VVF42.65..	Two Port Valve, DN65
	VVF42.80..	Two Port Valve, DN80
	VVF42.100...	Two Port Valve, DN100
	VVF42.125..	Two Port Valve, DN125
	VVF42.150...	Two Port Valve, DN150
Product line	New Generation Acvatix - Valves	

### Process control

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	

### Environmentally compatible product design

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
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Fire load	1MJ
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### Packaging

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	

### Materials

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
Metals	EN GJL-250	valve housing	variant
	CUZn5Sn5Pb2	plug DN32 .. DN150	variant
	CuZn39Pb3	plug DN15 .. DN25	variant
	steel CrNi	stem	variant
	Al	plate	2g
	CuZn	stem sealing housing	86g
	Cu	sealing	2g

	Steel	blinde flange	variant
Others	silicon-free	grease	6g
	Klingersil C4300	Sealing blind flange	variant

**\*Variant parts list**

	VVF42.15..	VVF42.20..	VVF42.25..	VVF42.32..	VVF42.40..	VVF42.50..	VVF42.65..	VVF42.80..	VVF42.100...	VVF42.125..	VVF42.150...	
Total weight of device	3'656	4'659	5'319	8'311	9'214	12'147	16'986	24'923	35'616	52'499	74'242	
valve housing	2'300	3'000	3'400	5'300	5'800	8'000	11'900	17'900	26'600	40'000	57'600	
plug DN32 .. DN150				190	289	420	740	1'000	1'850	2'870	3'540	
plug DN15 .. DN25	66	68	127									
stem	83	83	83	83	83	83	102	102	149	149	149	
blinde flange	800	1'100	1'300	2'000	2'300	2'900	3'500	4'500	5'600	8'000	10'400	
Sealing blind flange	1	2	3	4	8	10	10	15	11	18	19	

Packaging

	VVF42.15..	VVF42.20..	VVF42.25..	VVF42.32..	VVF42.40..	VVF42.50..	VVF42.65..	VVF42.80..	VVF42.100...	VVF42.125..	VVF42.150...	
Carton Box	163	163	163	980	980	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:  
wiper ring; O-ring; grease; sealing

**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.