



## Environmental Product Declaration

### Product

|                                 |                                  |                           |
|---------------------------------|----------------------------------|---------------------------|
| 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 |                           |

### 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 |
|-------------|---------------|

### 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 | variant |
| 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 | variant |
|                       | stem, compensation ring                |         |
| Al; eloxiert          | plate                                  | 2g      |
| CuZn                  | stem sealing housing                   | variant |
| Cu                    | sealing                                | variant |

|        |                  |                      |         |
|--------|------------------|----------------------|---------|
|        | Steel; lacquered | blinde flange        | variant |
|        | Steel            | bolt, nut            | variant |
| Others | 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 |  |  |  |  |  |  |
|--------------------------------|--------------|--------------|---------------|----------------|----------------|----------------|--|--|--|--|--|--|
| [g]                            |              |              |               |                |                |                |  |  |  |  |  |  |
| Total weight of device         | 11.956       | 17.689       | 26.840        | 35.269         | 51.609         | 74.809         |  |  |  |  |  |  |
| Wiper ring                     | 10           | 8            | 9             | 19             | 23             | 26             |  |  |  |  |  |  |
| O-Ring                         | 5            | 9            | 11            | 15             | 18             | 20             |  |  |  |  |  |  |
| valve housing                  | 7.750        | 12.200       | 19.200        | 25.900         | 39.200         | 56.600         |  |  |  |  |  |  |
| Plug size DN65 / DN80          |              | 660          | 960           |                |                |                |  |  |  |  |  |  |
| plug size DN50 / DN100 / DN125 | 570          | 590          | 760           | 2.200          | 2.770          | 5.090          |  |  |  |  |  |  |
| stem sealing housing           | 86           | 86           | 86            | 226            | 226            | 226            |  |  |  |  |  |  |
| sealing                        | 1            | 1            | 1             | 2              | 2              | 2              |  |  |  |  |  |  |
| 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             |  |  |  |  |  |  |

**Packaging**

|                                 | VVF42.50-40K | VVF42.65-63K | VVF42.80-100K | VVF42.100-160K | VVF42.125-250K | VVF42.150-360K |  |  |  |  |  |  |
|---------------------------------|--------------|--------------|---------------|----------------|----------------|----------------|--|--|--|--|--|--|
| [g]                             |              |              |               |                |                |                |  |  |  |  |  |  |
| Carton Box                      | 980          | 2.100        | 2.100         | 2.400          | 3.500          | 3.500          |  |  |  |  |  |  |
| Protection cap (DN125 .. DN150) |              |              |               |                | 170            | 212            |  |  |  |  |  |  |
| Wooden Pallet (DN125 ... DN150) |              |              |               |                | 8.000          | 8.000          |  |  |  |  |  |  |

**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.