

iBVD

**Dokument Id**  
5564419918-00070  
**Version**  
11

**Skapad**  
2018-04-17  
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2026-09-22



Uppgiftslämnaren reserverar sig för eventuella fel i produktinformationen eller felaktigt registrerade uppgifter och förbehåller sig rätten att korrigera och/eller komplettera produktinformation utan föregående avisering

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## GRUNDDATA

### Varubeskrivning

Vatette Tappventiler kompletterar System Vatette med alla dess fördelar. Tappventilerna med kopplingsända Dy15 kan kopplas direkt mot Vatette fasta väggbrickor. Tappventilerna passar till de flesta förekommande rör på marknaden och är utrustade med backventil. Modellen med väggfäste levereras med en smart vändbar anslutningsnippel för Dy15 eller G1/2.

Art. nr. FG0135050

### Övriga upplysningar

#### Klassificeringar

|                    |                                 |
|--------------------|---------------------------------|
| <b>ETIM &gt;</b>   | -EC011375 - Tappkran/Tappventil |
| <b>BK04 &gt;</b>   | -20702 - Kulventiler            |
| <b>BSAB &gt;</b>   | -PSB.1 - PSB.1 - Kulventiler    |
| <b>UNSPSC &gt;</b> |                                 |

### Leverantörsuppgifter

**Företagsnamn**  
Gustavsberg AB  
**Organisationsnummer**  
5564419918  
**Adress**  
Odelbergs väg 11  
**Hemsida**  
www.gustavsberg.se

#### Miljökontaktperson

**Namn**  
Pernilla Johansson  
**Telefon**  
0736995522  
**E-post**  
pernilla.johansson@gustavsberg.com

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## HÅLLBARHETSARBETE

## Företagets certifiering

- ISO 9001
- ISO 14001
- ISO 45001, ISO 5001

## Polycys och riktlinjer

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## INNEHÅLLSDEKLARATION

|                                   |              |
|-----------------------------------|--------------|
| Kemisk produkt                    | Nej          |
| Innehåller produkten elektronik   | Nej          |
| Omfattas varan av RoHs-direktivet | Nej          |
| Varans vikt                       | 0,1 - 0,3 kg |

## Vara / Delkomponenter

Koncentrationen har beräknats på hela varan

| Ingående material /komponenter                                                        | Vikt-% i komponent | CAS-nr (alt legering) | EG-nr (alt legering) | Vikt % i produkt | Kommentar                                                                                                                                                           |
|---------------------------------------------------------------------------------------|--------------------|-----------------------|----------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mässing CW625N*<br>(CuZn35Pb1.5AlAs) Pb ≤1,6%, As ≤0,15%, Ni ≤ 0,2% (*=4MS B,C)       |                    | Övrigt, metaller      |                      | 90,48%           | 4MS-mässing som innehåller >0,1% bly, CAS nr. 7439-92-1 och som finns upptaget på den europeiska kemikaliemyndighetens (ECHA) kandidatförteckning över SVHC-ämnena. |
| ABS plast                                                                             |                    | 9003-56-9             |                      | 8,14%            | ABS 757K natur. Färgmasterbatch 2% med pigment Grå RC8762 RAL7037                                                                                                   |
| Rostfritt stål A2, 8-10,5% Ni, Bedömning på legeringsnivå                             |                    | 12597-68-1            | 603-108-1            | 0,75%            |                                                                                                                                                                     |
| EPDM                                                                                  |                    | Övrigt, polymer       |                      | 0,57%            |                                                                                                                                                                     |
| Polyetylen, PE, hög densitet (HDPE), låg densitet (LDPE), linjär lågdensitetspolyeten |                    | 9002-88-4             |                      | 0,06%            | HDPE 8008, 0,05% pigment. Blå 31935 (RAL5017) / Röd 33835 (RAL3020)                                                                                                 |

Del av materialinnehållet som är deklarerat 100%

### Särskilt farliga ämnen

Följande ämnen finns med på kandidatförteckningen i en koncentration och som överstiger 0,1 vikts-%:

| Namn | CAS-nr    | EG-nr     | Vikt % i produkt |
|------|-----------|-----------|------------------|
| Bly  | 7439-92-1 | 231-100-4 | Inget angivet    |

**Utgåva av kandidatförteckningen som har använts**  
2026-09-22

### Nanomaterial

**Innehåller produkten tillsatt nanomaterial, som är medvetet tillsatta för att uppnå en viss funktion?:** Nej

### Tillsatt högflourerade ämnen (PFAS)

**Innehåller produkten tillsatt högflourerade ämnen (PFAS), som är aktivt tillsatta för att uppnå en specifik funktion?:** Nej

### Begränsningslistan

**Innehåller varan/produkten, eller någon av dess delkomponenter, ämnen som gör att produkten inte uppfyller villkoren i Begränsningslistan (Reach Bilaga XVII)?:** Ja

Specification av ämnen på begränsningslistan och andel som utgörs av den totala varans vikt:

| Ingående material | CAS-nr    | Vikt % i produkt |
|-------------------|-----------|------------------|
| Bly               | 7439-92-1 | ≤1,45%           |

### POPs-förordningen

**Innehåller varan (eller någon av dess delkomponenter) ämnen som finns i POPs-förordningen?:** Nej

### Övrigt

Ämnen är redovisade ned till 0,01% viktprocent enligt iBVDs redovisningskrav. Eventuell avvikelse från redovisningskraven redovisas nedan

## Återvunnet material

Innehåller varan återvunnet material: Ja

Specifikation av vilka material och andel som utgörs av den totala varans vikt

1. Återvunnet material
2. Andel (%) av totala varans vikt
3. Andel (%) av det återvunna materialet vilket **inte** har passerat konsumentledet
4. Andel (%) av det återvunna materialet vilket har passerat konsumentledet

| 1       | 2    | 3   | 4    |
|---------|------|-----|------|
| Mässing | 90 % | 5 % | 95 % |

## Träråvara

Träråvara ingår i varan: Nej

Finns en miljövarudeklaration framtagen enligt EN15804 eller ISO14025 för varan

Nej

Finns annan miljövarudeklaration

Ja

Beskrivning av emballagehantering för distribution av varan

Produkterna levereras i plastpåse, större mängd i kartong av wellpapp som återvinns.  
Företaget är anslutet till NPA.

Ställer varan särskilda krav vid lagring?

Nej

Ställer varan särskilda krav på omgivande byggvaror?

Nej

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## BRUKSSKEDET

Finns skötselanvisningar/skötselråd?

Ja

Finns en energimärkning enligt energimärkningsdirektivet (2017/1369/EU) för varan?

Ej relevant

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## RIVNING

Kräver varan särskilda åtgärder för skydd av hälsa och miljö vid rivning/demontering?

Nej

10

## AVFALLSHANTERING

Omfattas den levererade varan av förordningen (2014:1075) om producentansvar för elektriska och elektroniska produkter när den blir avfall?

Nej

Är återanvändning möjlig för hela eller delar av varan?

Ja

Vi tillhandahåller reservdelar till våra produkter, för ökad livslängd eller återbruk.

Är materialåtervinning möjlig för hela eller delar av varan?

Ja

Mässingen + rostfritt stål kan materialåtervinnas.

Är energiåtervinning möjlig för hela eller delar av varan?

Ja

Ja polymera material kan energi återvinnas genom förbränning i avsedd anläggning.

Har leverantören restriktioner och rekommendationer för återanvändning, material- eller energiåtervinning eller deponering?

Ja

Mässingen bör materialåtervinnas  
Polymera material bör energiåtervinnas.

När den levererade varan blir avfall, klassas den då som farligt avfall?

Nej

Avfallskod (EWC) för den levererade varan

170401

| RSK-nummer | Eget Artikel-nr | GTIN          |
|------------|-----------------|---------------|
| 847 34 09  | FG0135050       | 7393792103800 |

|                             |                         |
|-----------------------------|-------------------------|
| <b>Produktdatablad</b>      | TAPPVENTIL Dy15.pdf     |
| <b>PrestandadeklARATION</b> |                         |
| <b>Säkerhetsblad</b>        |                         |
| <b>RoHS-intyg</b>           |                         |
| <b>MiljövarudeklARATION</b> | EPD_0000670 (1).pdf     |
| <b>Skötselanvisning</b>     | TAPPVENTIL Dy15 (1).pdf |

**Övriga bifogade dokument**

-AMA\_text\_vatette\_tappventil\_rev\_1.pdf

# Environmental Product Declaration



In accordance with ISO 14025:2006 and EN 15804:2012+A2:2019/AC:2021 for:

## Fittings and ball valves

EPD of multiple products, based on the average results of the product group of fittings and ball valves

from

**Vatette**



|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| Programme:               | The International EPD® System, <a href="http://www.environdec.com">www.environdec.com</a> |
| Programme operator:      | EPD International AB                                                                      |
| EPD registration number: | EPD-IES-0017898                                                                           |
| Publication date:        | 2025-05-27                                                                                |
| Valid until:             | 2030-05-27                                                                                |

*An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at [www.environdec.com](http://www.environdec.com)*



## General information

### Programme information

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| <b>Programme:</b> | The International EPD® System                                       |
| <b>Address:</b>   | EPD International AB<br>Box 210 60<br>SE-100 31 Stockholm<br>Sweden |
| <b>Website:</b>   | <a href="http://www.environdec.com">www.environdec.com</a>          |
| <b>E-mail:</b>    | <a href="mailto:info@environdec.com">info@environdec.com</a>        |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Accountabilities for PCR, LCA and independent, third-party verification</b>                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Product Category Rules (PCR)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CEN standard EN 15804 serves as the Core Product Category Rules (PCR)                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Category Rules (PCR): Construction Products 2019:14, Version 1.3.2 and EN 15804:2012+A2:2019 Sustainability of Construction Works                                                                                                                                                                                                                                                                                                                                      |
| PCR review was conducted by: The Technical Committee on the International EPD® System.<br>Contact via <a href="http://www.environdec.com">www.environdec.com</a> <a href="mailto:info@environdec.com">info@environdec.com</a>                                                                                                                                                                                                                                                  |
| <b>Life Cycle Assessment (LCA)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LCA accountability: Alexander Kyriakidis, AFRY, <a href="http://www.afry.com">www.afry.com</a>                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Third-party verification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:<br><br><input checked="" type="checkbox"/> EPD verification by individual verifier<br><br>Third-party verifier: Katrin Molina-Besch. Miljögiraff AB<br><br>Approved by: The International EPD® System<br><br>Procedure for follow-up of data during EPD validity involves third party verifier:<br><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

EPDs within the same product category but registered in different EPD programmes, or not compliant with EN 15804, may not be comparable. For two EPDs to be comparable, they must be based on the same PCR (including the same version number) or be based on fully-aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have equivalent system boundaries and descriptions of data; apply equivalent data quality requirements, methods of data collection, and allocation methods; apply identical cut-off rules and impact assessment methods (including the same version of characterisation factors); have equivalent content declarations; and be valid at the time of comparison. For further information about comparability, see EN 15804 and ISO 14025.

### Company information

**Owner of the EPD:**

Villeroy & Boch Gustavsberg AB  
Odelbergs väg 11  
134 40 Gustavsberg  
Tel: +46 8-570 391 00

**Contact:**

Mattias Virsgård

**Description of the organisation:**

Vatette is owned by Villeroy & Boch Gustavsberg, which head office is situated on Värmdö, just outside Stockholm, Sweden, and we have production facilities in Gustavsberg and Vårgårda, Sweden. In addition to our production facilities in Sweden, we also have sales offices around the Nordic countries and in the Baltics. The company is a wholly owned subsidiary of the German Villeroy & Boch AG Group and thus belongs to one of the largest manufacturers of bathroom furnishing solutions in Europe.

**Product-related or management system-related certifications:**

SS-EN ISO 9001:2015 – Quality Management System  
SS-EN ISO 14001:2015 – Environmental Management System  
SS-EN ISO 45001:2018 – Occupational Health and Safety Management Systems  
SS-EN ISO 50001:2018 – Energy Management System  
EMAS, Eco Management and Audit Scheme – register, Site Vårgårda

**Name and location of production site(s):**

Villeroy & Boch Gustavsberg AB, Vårgårda, Sweden

**Product information****Product name:**

Vatette fittings

**Product identification:** All Vatette's fittings as presented in table under "Other environmental performance indicators "

**Product description:**

Vatette Clamp ring fittings consists of screw part, clamping ring and nut for copper pipes, stainless and galvanized steel pipes and PEX pipes in the dimension range Dy6-54. All products with Vatette end can be completed with connection sets for different pipe types, e.g. Vatette Plast and Vatette PE that fit Vatette Wall tiles etc. Some fittings exist in a chromed variant and unchromed

The results are presented for an average product. The average product is calculated as an arithmetic mean by assuming an uniform distribution between all included products.

**UN CPC code:**

41516 - Tubes, pipes and tube or pipe fittings, of copper

**Geographical scope:**

Northern Europe and the Baltic region

**LCA information****Functional unit / declared unit:**

1kg

#### Reference service life:

No RSL is declared. This EPD is based on a cradle-to-gate assessment

#### Time representativeness:

The information underlying this EPD is taken from the reference year 2023, taking into account inputs and outputs for the whole calendar year.

#### Database(s) and LCA software used:

Ecoinvent 3.10, Industry Data 2.0, ELCD and SimaPro 9.6.0.1

#### Description of system boundaries:

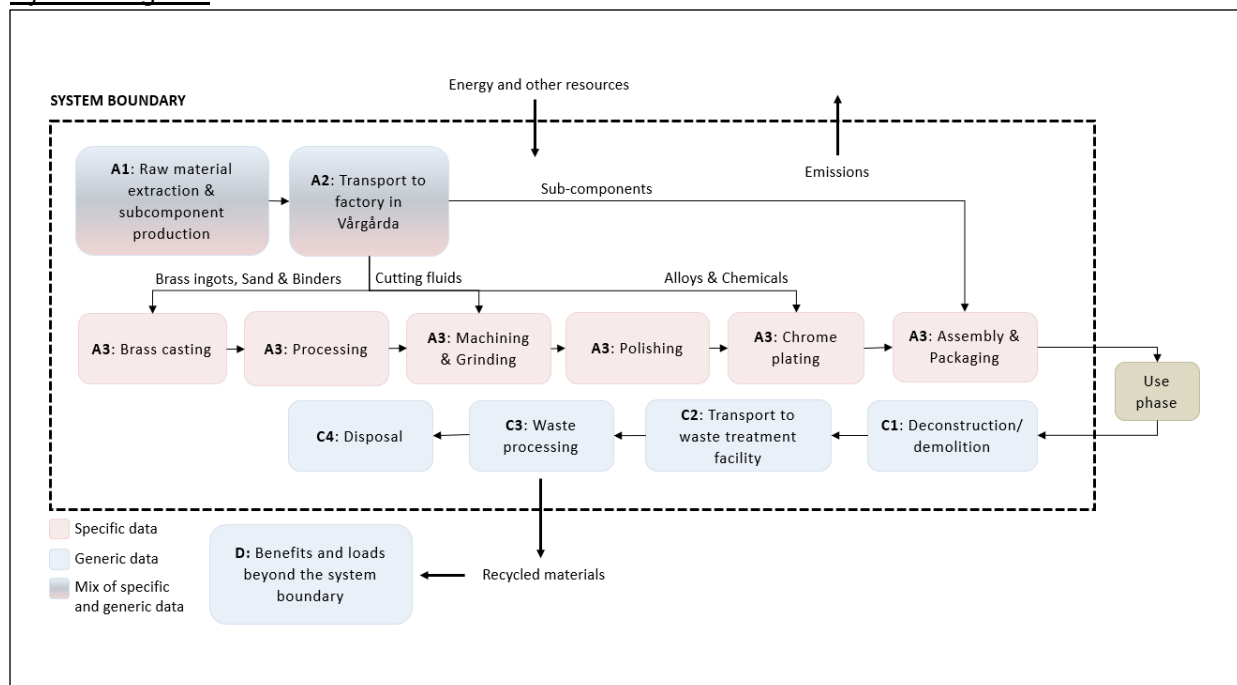
Cradle to gate with modules C1–C4 and module D (A1–A3 + C + D)

#### Allocation:

The "polluter pays principle" has been used to allocate recycled materials in accordance with the standards used. The recycling of materials does not imply benefits for the system, and the effects of using recycled materials do not have a negative impact on the results, but rather an environmental gain. The allocation procedure applied is based on the cut-off approach, where the environmental burdens associated with recycling processes are attributed to the previous product system, while the recycled material enters the system burden-free.

According to data provided by the supplier, the product system includes 64% post-industrial recycled content and 13% post-consumer recycled content. No co-product allocation is applied.

#### System diagram:



#### More information:

Modules declared, geographical scope, share of specific data (in GWP-GHG results) and data variation (in GWP-GHG results):

|                      | Product stage                                            |           |               | Construction process stage |                           | Use stage |             |        |             |               |                        |                       | End of life stage          |           |                  |          | Resource recovery stage            |
|----------------------|----------------------------------------------------------|-----------|---------------|----------------------------|---------------------------|-----------|-------------|--------|-------------|---------------|------------------------|-----------------------|----------------------------|-----------|------------------|----------|------------------------------------|
|                      | Raw material supply                                      | Transport | Manufacturing | Transport                  | Construction installation | Use       | Maintenance | Repair | Replacement | Refurbishment | Operational energy use | Operational water use | De-construction demolition | Transport | Waste processing | Disposal | Reuse-Recovery-Recycling-potential |
| Module               | A1                                                       | A2        | A3            | A4                         | A5                        | B1        | B2          | B3     | B4          | B5            | B6                     | B7                    | C1                         | C2        | C3               | C4       | D                                  |
| Modules declared     | X                                                        | X         | X             | ND                         | ND                        | ND        | ND          | ND     | ND          | ND            | ND                     | ND                    | X                          | X         | X                | X        | X                                  |
| Geography            | GLO                                                      | GLO       | SE            |                            |                           |           |             |        |             |               |                        |                       | EUR                        | EUR       | EUR              | EUR      |                                    |
| Specific data used   | 36% of the total GWP-GHG impact stems from specific data |           |               |                            |                           | -         | -           | -      | -           | -             | -                      | -                     | -                          | -         | -                | -        | -                                  |
| Variation – products | +8%                                                      |           |               |                            |                           | -         | -           | -      | -           | -             | -                      | -                     | -                          | -         | -                | -        | -                                  |

### A1: Raw Material

This stage includes raw material extraction and production of bought components. The total input of recycled brass and zinc is 85%. To account for this, the amount of brass and zinc input has been reduced by 25% for 70% of the recycled material, based on supplier communications, and 40% for 30% of the recycled material, based on national recycling profiles where a supplier-specific number could not be found. These values reflect the post-consumer share of recycled material, whereas no action was taken to specifically represent the post-industrial share – it was conservatively assumed to cause the same impact as virgin material extraction. This gives a total input reduction of 25.1%.

### A2: Transport

This stage includes transportation of raw materials to production sites and of components to final site of assembly.

### A3: Manufacturing

This stage includes resource use in the manufacturing facility in Vångårda such as use of energy. It also includes treatment of waste generated from the manufacturing processes. The manufacturing includes casting, chrome plating, assembling, and packing. Data from the full year of 2023 has been used in the calculations.

The climate impact of the electricity mix is 13.4 gCO<sub>2</sub>-eq/kWh.

**C1: Deconstruction**

No impacts are assumed to be associated with the deconstruction phase.

**C2: Waste Transport**

Includes the transportation of the discarded product to a waste treatment facility. 100 km transportation is assumed.

**C3: Waste Processing**

This stage includes sorting of waste and waste incineration with energy recovery. Incineration is assumed for plastics, 95% of the brass is assumed to be recycled, other metals are assumed to have a recycling rate of 90%

**C4: Waste disposal**

This stage includes waste disposal processes, such as landfill.

**D: Benefits and loads outside the system boundary**

This stage includes benefits and burdens associated with recovery/recycling that affects future life cycles. For this product it includes benefits from the recycling of brass and metals, as well as energy recovery from waste incineration

## Content information

| Product components  | Weight, g | Post-consumer material, weight-% | Biogenic material, weight-% and kg C/kg |
|---------------------|-----------|----------------------------------|-----------------------------------------|
| Brass               | 993       | 35%                              |                                         |
| EPDM                | 1.1       |                                  |                                         |
| PES                 | 0.6       |                                  |                                         |
| PA6                 | 4.2       |                                  |                                         |
| Stainless steel     | 0.7       |                                  |                                         |
| TOTAL               | 1000      |                                  |                                         |
| Packaging materials | Weight, g | Weight-% (versus the product)    | Weight biogenic carbon, kg C/kg         |
| Cardboard           | 20.7      | 0.2%                             | 0.011                                   |
| Plastic bag         | 4.19      | 0.4%                             |                                         |
| TOTAL               |           |                                  |                                         |

The weighted average content is calculated as an arithmetic mean by assuming a uniform distribution between all included products.

| Dangerous substances from the candidate list of SVHC for Authorisation | EC No.    | CAS No.   | Weight-% per functional or declared unit |
|------------------------------------------------------------------------|-----------|-----------|------------------------------------------|
| Lead                                                                   | 231-100-4 | 7439-92-1 | 0.05 - <0.8*                             |

\* Lead free products contain maximum 0.1% lead while products with conventional brass contain <0.8% lead.

## Results of the environmental performance indicators

### Mandatory impact category indicators according to EN 15804

| Results per functional or declared unit |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |          |          |          |           |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|-----------|
| Indicator                               | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A1-A3    | C1       | C2       | C3       | C4       | D         |
| GWP-fossil                              | kg CO <sub>2</sub> eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9.61E+00 | 0.00E+00 | 1.90E-02 | 1.48E-02 | 1.15E-03 | -4.15E-01 |
| GWP-biogenic                            | kg CO <sub>2</sub> eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9.35E-02 | 0.00E+00 | 1.32E-05 | 2.64E-05 | 9.19E-07 | -2.11E-03 |
| GWP-luluc                               | kg CO <sub>2</sub> eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.16E-02 | 0.00E+00 | 6.31E-06 | 2.30E-06 | 5.02E-07 | -8.56E-04 |
| GWP-total                               | kg CO <sub>2</sub> eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9.74E+00 | 0.00E+00 | 1.90E-02 | 1.49E-02 | 1.15E-03 | -4.18E-01 |
| ODP                                     | kg CFC 11 eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.15E-07 | 0.00E+00 | 3.78E-10 | 2.01E-11 | 2.43E-11 | -3.97E-09 |
| AP                                      | mol H <sup>+</sup> eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.24E-01 | 0.00E+00 | 3.96E-05 | 8.29E-06 | 6.63E-06 | -2.91E-02 |
| EP-freshwater                           | kg P eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.96E-02 | 0.00E+00 | 1.29E-06 | 7.31E-07 | 1.28E-07 | -2.32E-03 |
| EP-marine                               | kg N eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3.34E-02 | 0.00E+00 | 9.51E-06 | 2.48E-06 | 2.93E-06 | -1.54E-03 |
| EP-terrestrial                          | mol N eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4.53E-01 | 0.00E+00 | 1.03E-04 | 2.53E-05 | 2.80E-05 | -2.11E-02 |
| POCP                                    | kg NMVOC eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.29E-01 | 0.00E+00 | 6.58E-05 | 7.06E-06 | 9.53E-06 | -5.93E-03 |
| ADP-minerals&metals*                    | kg Sb eq.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8.59E-03 | 0.00E+00 | 6.18E-08 | 1.10E-08 | 3.20E-09 | -4.04E-04 |
| ADP-fossil*                             | MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.02E+02 | 0.00E+00 | 2.22E-02 | 1.29E-02 | 2.34E-03 | -2.95E+00 |
| WDP*                                    | m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.14E+01 | 0.00E+00 | 1.11E-03 | 6.68E-04 | 5.11E-04 | -4.86E-01 |
| Acronyms                                | GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption |          |          |          |          |          |           |

\* Disclaimer: The results of this environmental impact indicator shall be used with care as the uncertainties of these results are high or as there is limited experience with the indicator.

## Additional mandatory and voluntary impact category indicators

| Results per functional or declared unit |                        |          |          |          |          |          |           |
|-----------------------------------------|------------------------|----------|----------|----------|----------|----------|-----------|
| Indicator                               | Unit                   | A1-A3    | C1       | C2       | C3       | C4       | D         |
| GWP-GHG <sup>1</sup>                    | kg CO <sub>2</sub> eq. | 9.65E+00 | 0.00E+00 | 1.90E-02 | 1.48E-02 | 1.15E-03 | -4.16E-01 |

## Resource use indicators

| Results per functional or declared unit |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |          |           |          |           |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|-----------|----------|-----------|
| Indicator                               | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A1-A3    | C1       | C2       | C3        | C4       | D         |
| PERE                                    | MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.14E+01 | 0.00E+00 | 4.59E-03 | 4.73E-03  | 3.59E-04 | -1.49E+00 |
| PERM                                    | MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3.50E-01 | 0.00E+00 | 0.00E+00 | -3.50E-01 | 0.00E+00 | 0.00E+00  |
| PERT                                    | MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.18E+01 | 0.00E+00 | 4.59E-03 | -3.45E-01 | 3.59E-04 | -1.49E+00 |
| PENRE                                   | MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4.86E+01 | 0.00E+00 | 2.32E-02 | 1.33E-02  | 2.45E-03 | -3.08E+00 |
| PENRM                                   | MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.93E-01 | 0.00E+00 | 0.00E+00 | -1.93E-01 | 0.00E+00 | 0.00E+00  |
| PENRT                                   | MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4.88E+01 | 0.00E+00 | 2.32E-02 | -1.79E-01 | 2.45E-03 | -3.08E+00 |
| SM                                      | kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.49E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00  |
| RSF                                     | MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00  |
| NRSF                                    | MJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00  | 0.00E+00 | 0.00E+00  |
| FW                                      | m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6.14E-02 | 0.00E+00 | 3.95E-05 | 5.30E-06  | 3.58E-05 | -1.56E-02 |
| Acronyms                                | PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water |          |          |          |           |          |           |

<sup>1</sup> This indicator accounts for all greenhouse gases except biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. As such, the indicator is identical to GWP-total except that the CF for biogenic CO<sub>2</sub> is set to zero.

## Waste indicators

| Results per functional or declared unit |      |          |          |          |          |          |          |
|-----------------------------------------|------|----------|----------|----------|----------|----------|----------|
| Indicator                               | Unit | A1-A3    | C1       | C2       | C3       | C4       | D        |
| Hazardous waste disposed                | kg   | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Non-hazardous waste disposed            | kg   | 9.00E-02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Radioactive waste disposed              | kg   | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

## Output flow indicators

| Results per functional or declared unit |      |          |          |          |          |          |          |
|-----------------------------------------|------|----------|----------|----------|----------|----------|----------|
| Indicator                               | Unit | A1-A3    | C1       | C2       | C3       | C4       | D        |
| Components for re-use                   | kg   | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Material for recycling                  | kg   | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Materials for energy recovery           | kg   | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Exported energy, electricity            | MJ   | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Exported energy, thermal                | MJ   | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |

## Other environmental performance indicators

| Indicator                               | Variation (A-C) |
|-----------------------------------------|-----------------|
| Climate change                          | 8%              |
| Climate change - Fossil                 | 8%              |
| Climate change - Biogenic               | 39%             |
| Climate change - Land use and LU change | 46%             |
| Ozone depletion                         | 115%            |
| Acidification                           | 6%              |
| Eutrophication, freshwater              | 6%              |
| Eutrophication, marine                  | 5%              |
| Eutrophication, terrestrial             | 5%              |
| Photochemical ozone formation           | 5%              |
| Resource use, minerals and metals       | 6%              |
| Resource use, fossils                   | 39%             |
| Water use                               | 13%             |
| Particulate matter                      | 6%              |
| Ionising radiation                      | 73%             |
| Ecotoxicity, freshwater                 | 6%              |
| Human toxicity, cancer                  | 6%              |
| Human toxicity, non-cancer              | 6%              |
| Land use                                | 6%              |
| Non renewable                           | 38%             |
| Renewable                               | 20%             |
| Fresh water                             | 6%              |

## Additional environmental information

With over 50 years of experience and a complete product range, System Vatette is a long-term supplier of tap water systems with a strong focus on the environment and sustainability. The obvious choice for HVAC-installers. By using common components, the number of articles is reduced, and tap water systems can easily be updated over time, contributing to a more resource-efficient and environmentally friendly installation.

All products are approved according to Säker Vatten and Rise, which underlines our commitment to the highest quality and safety.

Quality and environmental awareness are central to the entire organization, from material selection to production. Every employee is proud and committed, aware of their crucial role in creating sustainable and environmentally friendly tap water system solutions.

## References

EPD International (2021): General Programme Instructions of the International EPD® System. Version 4.0.

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Folkesson, B., Fernqvist, N., Normann, A. (2017): Vattenanvändning med energieffektiva blandare. Report 2017:11, Swedish Energy Agency.

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# TAPPVENTIL DY15



## Produktegenskaper

Med planadapter och backventil

RSK-nr: 8473409 | ART-nr: FG0135050 | EAN-nr: 7393792103800

- Utlopp G 1/2
- Skyddsmodul [EB]

## Produktinformation

### Egenskaper

- Kan anslutas mot Vatette fasta väggbrickor för kopparrör, rostfria stålrör PEX-, PE-RT-, PB-, Multilayer- och PEM-rör. Utrustad med backventilsfunktion
- Kort eller långt utsprång från väggen
- Diskret och funktionell form på tappventil och vred



# TAPPVENTIL DY15



## Produktegenskaper

Med planadapter och backventil

RSK-nr: 8473409 | ART-nr: FG0135050 | EAN-nr: 7393792103800

- Utlopp G 1/2
- Skyddsmodul [EB]

## Produktinformation

### Egenskaper

- Kan anslutas mot Vatette fasta väggbrickor för kopparrör, rostfria stålrör PEX-, PE-RT-, PB-, Multilayer- och PEM-rör. Utrustad med backventilsfunktion
- Kort eller långt utsprång från väggen
- Diskret och funktionell form på tappventil och vred



|                                                                                   |                                  |            |                 |
|-----------------------------------------------------------------------------------|----------------------------------|------------|-----------------|
|  | Dokument                         |            | Sidnr.          |
|                                                                                   | Beskrivningstext enligt AMA 2022 |            | 1               |
|                                                                                   | Produkt                          |            | Utfärdare       |
|                                                                                   | Vatette Tappventil               |            | Simon Johansson |
| Kod                                                                               | Text                             | Datum      |                 |
|                                                                                   |                                  | 2022-07-11 |                 |
| Rev                                                                               |                                  |            |                 |
| 1                                                                                 |                                  |            |                 |
| Antal                                                                             |                                  |            |                 |

**P APPARATER, LEDNINGAR M M I RÖRSYSTEM ELLER RÖRLEDNINGSNÄT**

**PV UTTAGSPOSTER, ARMATURER M M I VÄTSKESYSTEM ELLER GASSYSTEM**

**PVB TAPPVENTILER, BLANDARE M M I TAPPVATTENSYSTEM**

**PVB.1 Tappventiler och vattenutkastare**

**PVB.11 Tappventiler**

**TPV**

XX

Tappventil i förkromad mässing med ratt och backventil.

Fabrikat: Vatette

Typ: Tappventil för utomhusbruk

Anslutning utlopp: G1/2 utvändig gänga

Användningsområde: Värme, Kyla

Skyddsmodul EB enligt SS-EN 1717

Tryckklass: PN16

Max arbetstemp: 100°C

RSK xxx xx xx (Se nedan tabell)

Installationen genomförs enligt Vatettes dokumenterade Monteringsanvisning.

| Art. nr.  | RSK-nr.   | Anslutning           | Utförande     |
|-----------|-----------|----------------------|---------------|
| FG0135060 | 847 34 08 | G3/4 utv.            | lång          |
| FG0135050 | 847 34 09 | Dy15 planadapter     | lång          |
| FG0135070 | 847 34 10 | Dy15 planadapter     | kort          |
| FG0135080 | 847 34 12 | Dy15 / G1/2 plan     | med väggfäste |
| FG0135090 | 847 34 13 | G 3/4 lekande mutter | kort          |

