

- Gill-Plate






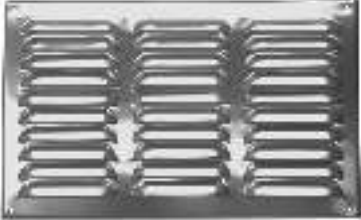

- Window Ventilation-Set












- Stamped-Parts




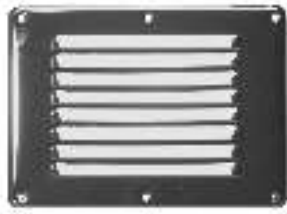


- Pipe-Clamps

|   |  |  |   |  |
|---|--|--|---|--|
| <p><b>Gill-Plate</b></p>           | <p><b>Dimension/Type</b></p> <p>230 x 230 mm</p> <p><b>Aluminum, rolled</b></p>  | <p><b>Gill-length</b></p> <p>180 mm</p>    | <p><b>Air-flow</b></p> <p>144,00 cm<sup>2</sup></p> | <p><b>Part-no.</b></p> <p>112-111000-2</p> |
| <p><b>Gill-Plate</b></p>           | <p><b>Dimension/Type</b></p> <p>255 x 115 mm</p> <p><b>Aluminum, anodiced</b><br/><b>Reinforced egde</b><br/><b>6 screw holes</b></p>  | <p><b>Gill-length</b></p> <p>95 mm</p>     | <p><b>Air-flow</b></p> <p>45,60 cm<sup>2</sup></p>  | <p><b>Part-no.</b></p> <p>112-222000-3</p> |
| <p><b>Gill-Plate</b></p>          | <p><b>Dimension/Type</b></p> <p>360 x 115 mm</p> <p><b>Aluminum, anodiced</b><br/><b>Reinforced egde</b><br/><b>8 screw holes</b></p>  | <p><b>Gill-length</b></p> <p>95 mm</p>     | <p><b>Air-flow</b></p> <p>68,40 cm<sup>2</sup></p>  | <p><b>Part-no.</b></p> <p>112-333000-3</p> |
| <p><b>Gill-Plate</b></p>         | <p><b>Dimension/Type</b></p> <p>350 x 240 mm</p> <p><b>Aluminum, anodiced</b><br/><b>Reinforced edge</b><br/><b>10 screw holes</b></p> | <p><b>Gill-length</b></p> <p>95 mm</p>     | <p><b>Air-flow</b></p> <p>171,00 cm<sup>2</sup></p> | <p><b>Part-no.</b></p> <p>112-444000-3</p> |
| <p><b>Gas Regulator-key</b></p>  | <p><b>Description</b></p> <p><b>Specially developed key for gas cylinder regulators.</b></p>   | <p><b>Dimension</b></p> <p>163 x 45 mm</p> | <p><b>Type</b></p> <p>zinc plated</p>               | <p><b>Part-no.</b></p> <p>130</p>          |

| <b>Sliding-Vent</b><br><br>  | <b>Dimension/Type</b><br>195 x 45 mm<br>250 x 70 mm<br>310 x 70 mm<br>310 x 100 mm<br>350 x 70 mm<br>400 x 70 mm<br>410 x 100 mm<br>500 x 100 mm<br><br><b>Aluminum, polished</b>  | <b>Air-flow</b><br>14,40 cm <sup>2</sup><br>41,16 cm <sup>2</sup><br>53,76 cm <sup>2</sup><br>61,60 cm <sup>2</sup><br>61,74 cm <sup>2</sup><br>68,60 cm <sup>2</sup><br>84,70 cm <sup>2</sup><br>107,80 cm <sup>2</sup> | <b>Part-no.</b><br>100-195045-1<br>100-250070-1<br>100-310070-1<br>100-310100-1<br>100-350070-1<br>100-400070-1<br>100-410100-1<br>100-500100-1 |                                  |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
|---|--|--|---|----------------------------------|--------------------------------|----------------------------------|-------------|-----------------------|--------------|--------------|--------------|-------------|-----------------------|--------------|--------------|--------------|-------------|-----------------------|--------------|--------------|--------------|--------------|-----------------------|--------------|--------------|--------------|-------------|-----------------------|--------------|--------------|--------------|--------------|-----------------------|--------------|--------------|--------------|--------------|------------------------|--------------|--------------|-----|--------------|-----------------------|--------------|--------------|--------------|
| <b>Sliding-Vent</b><br><br>  | <b>Dimension/Type</b><br>280 x 110 mm<br>410 x 110 mm<br>500 x 110 mm<br><br><b>Aluminum, polished</b>   | <b>Air-flow</b><br>54,00 cm <sup>2</sup><br>90,00 cm <sup>2</sup><br>108,00 cm <sup>2</sup>  | <b>Part-no.</b><br>101-280110-1<br>101-410110-1<br>101-500110-1   |                                  |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| <b>Sliding-Vent with screw knob</b><br><br>   | <b>Dimension/Type</b><br>380 x 150 mm<br><br><b>Aluminum, polished</b><br><b>Color of knob: black</b>  | <b>Air-flow</b><br>102,00 cm <sup>2</sup>  | <b>Part-no.</b><br>106-380150-1   |                                  |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| <b>Gill-Plate</b><br><br><br><br><br><br><b>Gill-plate can also be made to specific design.</b> | <table border="1"> <thead> <tr> <th>Dimension</th> <th>Air-flow</th> <th>Part-no.<br/>steel<br/>rolled</th> <th>Part-no.<br/>aluminum<br/>rolled</th> <th>Part-no.<br/>aluminum<br/>polished</th> </tr> </thead> <tbody> <tr> <td>200 x 50 mm</td> <td>21,00 cm<sup>2</sup></td> <td>112-200050-4</td> <td>112-200050-2</td> <td>112-200050-1</td> </tr> <tr> <td>250 x 80 mm</td> <td>36,00 cm<sup>2</sup></td> <td>112-250080-4</td> <td>112-250080-2</td> <td>112-250080-1</td> </tr> <tr> <td>310 x 80 mm</td> <td>39,00 cm<sup>2</sup></td> <td>112-310080-4</td> <td>112-310080-2</td> <td>112-310080-1</td> </tr> <tr> <td>310 x 110 mm</td> <td>52,00 cm<sup>2</sup></td> <td>112-310110-4</td> <td>112-310110-2</td> <td>112-310110-1</td> </tr> <tr> <td>400 x 80 mm</td> <td>57,60 cm<sup>2</sup></td> <td>112-400080-4</td> <td>112-400080-2</td> <td>112-400080-1</td> </tr> <tr> <td>410 x 110 mm</td> <td>76,80 cm<sup>2</sup></td> <td>112-410110-4</td> <td>112-410110-2</td> <td>112-410110-1</td> </tr> <tr> <td>440 x 200 mm</td> <td>224,00 cm<sup>2</sup></td> <td>112-440200-4</td> <td>112-440200-2</td> <td>---</td> </tr> <tr> <td>500 x 110 mm</td> <td>86,40 cm<sup>2</sup></td> <td>112-500110-4</td> <td>112-500110-2</td> <td>112-500110-1</td> </tr> </tbody> </table> | Dimension  | Air-flow  | Part-no.<br>steel<br>rolled      | Part-no.<br>aluminum<br>rolled | Part-no.<br>aluminum<br>polished | 200 x 50 mm | 21,00 cm <sup>2</sup> | 112-200050-4 | 112-200050-2 | 112-200050-1 | 250 x 80 mm | 36,00 cm <sup>2</sup> | 112-250080-4 | 112-250080-2 | 112-250080-1 | 310 x 80 mm | 39,00 cm <sup>2</sup> | 112-310080-4 | 112-310080-2 | 112-310080-1 | 310 x 110 mm | 52,00 cm <sup>2</sup> | 112-310110-4 | 112-310110-2 | 112-310110-1 | 400 x 80 mm | 57,60 cm <sup>2</sup> | 112-400080-4 | 112-400080-2 | 112-400080-1 | 410 x 110 mm | 76,80 cm <sup>2</sup> | 112-410110-4 | 112-410110-2 | 112-410110-1 | 440 x 200 mm | 224,00 cm <sup>2</sup> | 112-440200-4 | 112-440200-2 | --- | 500 x 110 mm | 86,40 cm <sup>2</sup> | 112-500110-4 | 112-500110-2 | 112-500110-1 |
| Dimension   | Air-flow   | Part-no.<br>steel<br>rolled  | Part-no.<br>aluminum<br>rolled  | Part-no.<br>aluminum<br>polished |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| 200 x 50 mm   | 21,00 cm <sup>2</sup>  | 112-200050-4   | 112-200050-2  | 112-200050-1                     |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| 250 x 80 mm   | 36,00 cm <sup>2</sup>  | 112-250080-4   | 112-250080-2  | 112-250080-1                     |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| 310 x 80 mm   | 39,00 cm <sup>2</sup>  | 112-310080-4   | 112-310080-2  | 112-310080-1                     |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| 310 x 110 mm  | 52,00 cm <sup>2</sup>  | 112-310110-4   | 112-310110-2  | 112-310110-1                     |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| 400 x 80 mm   | 57,60 cm <sup>2</sup>  | 112-400080-4   | 112-400080-2  | 112-400080-1                     |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| 410 x 110 mm  | 76,80 cm <sup>2</sup>  | 112-410110-4   | 112-410110-2  | 112-410110-1                     |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| 440 x 200 mm  | 224,00 cm <sup>2</sup>   | 112-440200-4   | 112-440200-2  | ---                              |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |
| 500 x 110 mm  | 86,40 cm <sup>2</sup>  | 112-500110-4   | 112-500110-2  | 112-500110-1                     |                                |                                  |             |                       |              |              |              |             |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |             |                       |              |              |              |              |                       |              |              |              |              |                        |              |              |     |              |                       |              |              |              |

|   |  |   |  |  |
|---|--|---|--|--|
| <p><b>Adjustable Round-Vent</b></p>  | <p><b>Dimension/Type</b></p> <p>130 mm Ø<br/>160 mm Ø<br/>180 mm Ø<br/>200 mm Ø<br/>250 mm Ø</p> <p><b>Aluminum, polished</b></p>                | <p><b>Air-flow</b></p> <p>21,60 cm<sup>2</sup><br/>41,90 cm<sup>2</sup><br/>48,90 cm<sup>2</sup><br/>48,90 cm<sup>2</sup><br/>105,00 cm<sup>2</sup></p> | <p><b>Part-no.</b></p> <p>102-130000-1<br/>102-160000-1<br/>102-180000-1<br/>102-200000-1<br/>102-250000-1</p>                         |  |
| <p><b>Round-Vent</b></p>             | <p><b>Dimension/Type</b></p> <p>50 mm Ø</p> <p><b>Aluminum</b></p>   | <p><b>Air-flow</b></p> <p>3,44 cm<sup>2</sup></p>   | <p><b>Part-no.</b><br/>aluminum<br/>polished</p> <p>116-050000-1</p>   | <p><b>Part-no.</b><br/>aluminum<br/>anodized</p> <p>116-050000-3</p>   |
| <p><b>Gill-Plate</b></p>           | <p><b>Dimension/Type</b></p> <p>1000 x 120 mm</p> <p><b>Gill-length: 75 mm</b><br/><b>Aluminum or steel</b></p>                                  | <p><b>Air-flow</b></p> <p>130,50 cm<sup>2</sup></p>   | <p><b>Part-no.</b><br/>aluminum<br/>rolled</p> <p>103-100120-2</p>   | <p><b>Part-no.</b><br/>steel<br/>rolled</p> <p>103-100120-4</p>  |
| <p><b>Gill-Plate, round</b></p>    | <p><b>Dimension/Type</b></p> <p>133 mm Ø<br/>165 mm Ø<br/>180 mm Ø<br/>200 mm Ø<br/>250 mm Ø</p> <p><b>4 screw holes</b><br/><b>Aluminum</b></p> | <p><b>Air-flow</b></p> <p>18,00 cm<sup>2</sup><br/>22,80 cm<sup>2</sup><br/>34,20 cm<sup>2</sup><br/>55,20 cm<sup>2</sup><br/>84,00 cm<sup>2</sup></p>  | <p><b>Part-no.</b><br/>aluminum<br/>rolled</p> <p>105-130000-2<br/>105-160000-2<br/>105-180000-2<br/>105-200000-2<br/>105-250000-2</p> | <p><b>Part-no.</b><br/>aluminum<br/>anodiced</p> <p>105-130000-3<br/>105-160000-3<br/>105-180000-3<br/>105-200000-3<br/>105-250000-3</p> |

|                     |   |   |   |   |   |
|---------------------|---|---|---|---|---|
| <b>Roof-Hatch</b>   |    | <b>Dimension/Air-flow</b><br><br>265 x 205 mm    266,00 cm <sup>2</sup><br><br><b>Aluminum or steel</b>   | <b>Part-no.</b><br>steel<br>black coated<br><br>107-265205-6            | <b>Part-no.</b><br>steel<br>zinc plated<br><br>107-265205-5     | <b>Part-no.</b><br>aluminum<br>rolled<br><br>107-265205-2                   |
| <b>Rubber-Frame</b> |    | <b>Dimension/Type</b><br><br>265 x 205 mm<br><br><b>For Roof-Hatch model 107</b>  | <b>Part-no.</b><br><br>108-265205-7                                     |   |   |
| <b>Gill-Plate</b>   |  | <b>Dimension/Type</b><br><br>265 x 205 mm<br>335 x 215 mm<br><br><b>Inner part for model 107<br/>With aperture for handling<br/>the roof hatch<br/>6 screw holes<br/>Aluminum, polished</b> | <b>Air-flow</b><br><br>147,55 cm <sup>2</sup><br>172,50 cm <sup>2</sup> | <b>Part-no.</b><br><br>109-265205-1<br>109-335215-1             |   |
| <b>Gill-Plate</b>   |  | <b>Dimension/Type</b><br><br>265 x 205 mm<br>335 x 215 mm<br><br><b>Inner part for model 107<br/>Without aperture<br/>6 screw holes<br/>Aluminum</b>  | <b>Air-flow</b><br><br>115,20 cm <sup>2</sup><br>129,60 cm <sup>2</sup> | <b>Part-no.</b><br>aluminum<br>rolled<br><br>113-26205-2<br>--- | <b>part-no.</b><br>aluminum<br>polished<br><br>113-265205-1<br>113-335215-1 |

## The Ventilation for Campers



**For all vehicle owners** who want to provide their car with fresh air easily and safely. For example, to stay in the vehicle, or let your dog back for a short time.

**Easy** as complicated assembly work or annoying TÜV-Tests are not necessary. If necessary, take the window down, releasing the ventilation set diagonally in the window guide and drive up the window again. Ready!

**Sure**, because the ventilation set are stable. They are made of aluminum, which receive a high quality structure coating in the color black. Therefore, the vents are largely insensitive to scratches.

**Unauthorized opening** the vehicle doors is only possible with considerable effort, which would be equivalent to the violent prying or smashing the windows. Even mosquitoes are not allowed, because the vents are provided on the inside with a fine mosquito net.

**Packaging** is done in self-service packaging (PE-bag) pairs.

|              |                    |            |
|--------------|--------------------|------------|
| 114-000000-2 | VW T2              | 1967-1979  |
| 114-001000-2 | VW T3              | 1979-1992  |
| 114-002000-2 | VW LT 28/35/40/45  | 1975-1995  |
| 114-018000-2 | VW LT 2            | 1996-2005  |
| 114-011000-2 | VW T4              | 1990-2003  |
| 114-024000-2 | VW T5              | 2003-2015  |
| 114-024000-2 | VW T6              | 2015-2019  |
| 114-024000-2 | VW T6.1            | ab 10/2019 |
| 114-027000-2 | VW Crafter         | 2006-2016  |
| 114-036000-2 | VW Crafter         | ab 03/2017 |
| 114-028000-2 | VW Caddy 3         | 2004-2015  |
| 114-028000-2 | VW Caddy 4         | 2015-2020  |
| 114-039000-2 | VW Caddy 5         | ab 11/2020 |
| 114-003000-2 | MB 207D/208D       | 1977-1995  |
| 114-003000-2 | MB 210D/307D       | 1977-1995  |
| 114-003000-2 | MB 308D/310D       | 1977-1995  |
| 114-003000-2 | MB 408D/410D       | 1977-1995  |
| 114-013000-2 | MB 100             | 1988-1995  |
| 114-016000-2 | MB Sprinter        | 1995-2006  |
| 114-017000-2 | MB Vito/V-Klasse   | 1996-2003  |
| 114-026000-2 | MB Vito/Viano      | 2003-2013  |
| 114-027000-2 | MB Sprinter        | 2006-2018  |
| 114-030000-2 | MB Vito/V-Klasse   | ab 01/2014 |
| 114-038000-2 | MB Sprinter        | ab 06/2018 |
| 114-004000-2 | Fiat Ducato        | 1981-1990  |
| 114-004000-2 | Peugeot J5         | 1981-1990  |
| 114-004000-2 | Citroen C25        | 1981-1990  |
| 114-014000-2 | Fiat Ducato        | 1990-1993  |
| 114-014000-2 | Peugeot J5         | 1990-1993  |
| 114-014000-2 | Citroen C25        | 1990-1993  |
| 114-015000-2 | Fiat Ducato        | 1994-2002  |
| 114-015000-2 | Peugeot Boxer      | 1994-2002  |
| 114-015000-2 | Citroen Jumper     | 1994-2002  |
| 114-023000-2 | Fiat Ducato        | 2002-2006  |
| 114-023000-2 | Peugeot Boxer      | 2002-2006  |
| 114-023000-2 | Citroen Jumper     | 2002-2006  |
| 114-005000-2 | Fiat Ducato        | 2006-2014  |
| 114-005000-2 | Peugeot Boxer      | 2006-2014  |
| 114-005000-2 | Citroen Jumper     | 2006-2014  |
| 114-032000-2 | Fiat Ducato        | ab 05/2014 |
| 114-032000-2 | Peugeot Boxer      | ab 05/2014 |
| 114-032000-2 | Citroen Jumper     | ab 05/2014 |
| 114-012000-2 | Citroen Berlingo 2 | 2008-2018  |
| 114-012000-2 | Peugeot Partner    | 2008-2018  |
| 114-006000-2 | Renault Master 4   | ab 04/2010 |
| 114-006000-2 | Opel Movano B      | ab 04/2010 |
| 114-006000-2 | Nissan NV 400      | ab 04/2010 |
| 114-009000-2 | Iveco Daily 1      | 1978-1990  |
| 114-022000-2 | Iveco Daily 3      | 2000-2006  |
| 114-022000-2 | Iveco Daily 4      | 2006-2011  |
| 114-022000-2 | Iveco Daily 5      | 2011-2014  |
| 114-033000-2 | Iveco Daily 6      | ab 07/2014 |
| 114-007000-2 | Ford Transit       | 1978-1985  |
| 114-008000-2 | Ford Transit       | 1986-2000  |
| 114-021000-2 | Ford Transit       | 2000-2006  |
| 114-021000-2 | Ford Transit       | 2006-2013  |
| 114-019000-2 | Transit Custom     | ab 01/2013 |
| 114-019000-2 | Tourneo Custom     | ab 01/2013 |
| 114-031000-2 | Ford Transit       | ab 05/2014 |

## The Ventilation for Campers



|              |                  |            |
|--------------|------------------|------------|
| 114-010000-2 | Renault Trafic 1 | 1981-2001  |
| 114-022000-2 | Renault Master 2 | 1998-2003  |
| 114-022000-2 | Renault Master 3 | ab 01/2003 |
| 114-022000-2 | Opel Movano A    | 1998-2010  |
| 114-025000-2 | Opel Vivaro      | 2001-2014  |
| 114-025000-2 | Nissan Primastar | 2001-2014  |
| 114-025000-2 | Renault Trafic 2 | 2001-2014  |
| 114-020000-2 | Renault Trafic 3 | ab 09/2014 |
| 114-020000-2 | Opel Vivaro      | ab 09/2014 |
| 114-029000-2 | Nissan NV200     | ab 07/2009 |
| 114-029000-2 | Nissan Evalia    | ab 07/2009 |
| 114-034000-2 | Nissan NV 300    | ab 06/2016 |
| 114-034000-2 | Fiat Talento     | ab 06/2016 |
| 114-035000-2 | Citroen Jumpy    | ab 03/2016 |
| 114-035000-2 | Peugeot Expert   | ab 03/2016 |
| 114-035000-2 | Toyota Proace    | ab 03/2016 |
| 114-035000-2 | Opel Zafira Life | ab 01/2019 |
| 114-036000-2 | MAN TGE          | ab 03/2017 |

**Important Instructions:**

We recommend the use of all ventilation sets exclusively for stationary vehicles! In any case, the ventilation for campers must be removed before departure, to avoid visual obstruction of the driver. The use of all ventilation sets ideally occurs when the user is in the vehicle or in the immediate vicinity. To minimize any risk of theft, we advise when leaving the vehicle to remove the ventilation set and to completely close it. Only in this case, the insurance cover is completely guaranteed.

### The Ventilation for Cars



Typ 214/1 Scheibenbreite 38 -48 cm  
Typ 214/2 Scheibenbreite 49 -59 cm  
Typ 214/3 Scheibenbreite 60 -70 cm

214-001001-2 1 Stück im Polybeutel  
214-001002-2 2 Stück im Polybeutel

214-002001-2 1 Stück im Polybeutel  
214-002002-2 2 Stück im Polybeutel

214-003001-2 1 Stück im Polybeutel  
214-003002-2 2 Stück im Polybeutel

**The ventilation** for rear passenger-side window with vertical window guide is specially interesting for pet owners. For example, a dog for a short time left in the vehicle, because the ventilation set provides optimum air circulation. To ensure the best possible ventilation, we always recommend the use of pairs of the ventilation set.

**Easy** as complicated assembly work or annoying TÜV-Tests are not necessary. The handling is very simple: Shut down Rear side glass, adjust the two adjustable side panels to the width of the window guide and insert the ventilation set diagonally into the window channel. Then drive the window up again. Ready!

**Sure**, because the ventilation set are stable. They are made of aluminum, which receive a high quality structure coating in the color black. Therefore, the vents are largely insensitive to scratches.

**Unauthorized opening** the vehicle doors is only possible with considerable effort, which would be equivalent to the violent prying or smashing the windows.

**Important Instructions:**

We recommend the use of all ventilation sets exclusively for stationary vehicles! In any case, the ventilation for campers must be removed before departure, to avoid visual obstruction of the driver. The use of all ventilation sets ideally occurs when the user is in the vehicle or in the immediate vicinity. To minimize any risk of theft, we advise when leaving the vehicle to remove the ventilation set and to completely close it. Only in this case, the insurance cover is completely guaranteed.



### The Ventilation for Sliding Windows



**The ventilation** for sliding window can be used for all original sliding windows of various manufacturers. He is simply inserted into the window frame and then locked.

**Two versions** are available: one narrow and one wide version. In the narrow version of it slips in the original catch of the window frame. At the wide variation, a locking hook is included (only for VW T4), so that a solid lock is achieved and the sliding window can not be opened from the outside.

**Sure**, because the ventilation set are stable. They are made of aluminum, which receive a high quality structure coating in the color black. Therefore, the vents are largely insensitive to scratches

**Unauthorized opening** the vehicle doors is only possible with considerable effort, which would be equivalent to the violent prying or smashing the windows. Even mosquitoes are not allowed, because the vents are provided on the inside with a fine mosquito net.

**Packaging** is done in self-service packaging (PE-bag), piecewise.

#### **Volkswagen T3 1979-1992**

314-001001-2 Version schmal, links  
314-001002-2 Version schmal, rechts  
314-001003-2 Version breit, links  
314-001004-2 Version breit, rechts

#### **Volkswagen T4 1990-2003**

314-011001-2 Version schmal, links  
314-011002-2 Version schmal, rechts  
314-011003-2 Version breit, links  
314-011004-2 Version breit, rechts

#### **Volkswagen T5 2003-2015**

314-024003-2EX Version breit, links  
314-024004-2EX Version breit, rechts

#### **Volkswagen T6 2015-2019**

314-024003-2EX Version breit, links  
314-024004-2EX Version breit, rechts

#### **Volkswagen T6.1 ab 10/2019**

314-024003-2T6.1 Version breit, links  
314-024004-2T6.1 Version breit, rechts

#### **Volkswagen Caddy 3 02/2004-06/2015**

#### **Volkswagen Caddy 4 06/2015-11/2020**

314-028001-2 Version schmal, links  
314-028002-2 Version schmal, rechts

#### **Ford Transit 2000-2013**

314-021001-2 Version schmal, links  
314-021002-2 Version schmal, rechts  
314-021000-2 Version breit, links  
314-021000-2 Version breit, rechts

#### **Fiat Ducato, Peugeot Boxer,**

#### **Citroen Jumper ab 07/2006**

314-005003-2 Version breit, links  
314-005004-2 Version breit, rechts

#### **Fiat Scudo, Peugeot Expert,**

#### **Citroen Jumpy 01/2007-03/2016**

314-006003-2 Version breit, links  
314-006004-2 Version breit, rechts

#### **MB Vito/Viano 06/2003-12/2013**

314-026004-2  
Version breit, links + breit, rechts für Vito  
Version breit, rechts für Viano Marco Polo

#### **MB Viano 06/2003-12/2013**

314-026003-2  
Version breit, links für Viano Marco Polo

#### **MB Marco Polo ab 01/2014**

314-030003-2  
Version breit, links für Marco Polo

#### **MB Sprinter 04/2006-06/2018**

#### **VW Crafter 04/2006-12/2016**

#### **Nur für Modelle mit mittellangem Radstand+**

#### **Nur für Modelle mit langem Radstand**

314-027003-2 breit, links  
314-027004-2 breit, rechts

## The Ventilation for Sliding Windows



### Important Instructions:

We recommend the use of all ventilation sets exclusively for stationary vehicles! In any case, the ventilation for campers must be removed before departure, to avoid visual obstruction of the driver. The use of all ventilation sets ideally occurs when the user is in the vehicle or in the immediate vicinity. To minimize any risk of theft, we advise when leaving the vehicle to remove the ventilation set and to completely close it. Only in this case, the insurance cover is completely guaranteed.

**Opel Vivaro, Nissan Primastar, Renault Trafic 2 01/2001-09/2014**  
314-025003-2 Version breit, links  
314-025004-2 Version breit, rechts

**Opel Vivaro, Renault Trafic ab 09/2014**  
314-020003-2 Version breit, links  
314-020004-2 Version breit, rechts

**Nissan NV200 ab 07/2009**  
314-029001-2 Version schmal, links  
314-029002-2 Version schmal, rechts

**Nissan NV 300, Fiat Talento ab 06/2016**  
314-034003-2 Version breit, links  
314-034004-2 Version breit, rechts

### The Ventilation for SUVs



**For all vehicle owners** who want to provide their car with fresh air easily and safely. For example, to stay in the vehicle, or let your dog back for a short time.

**Easy** as complicated assembly work or annoying TÜV-Tests are not necessary. If necessary, take the window down, releasing the ventilation set diagonally in the window guide and drive up the window again. Ready!

**Sure**, because the ventilation set are stable. They are made of aluminum, which receive a high quality structure coating in the color black. Therefore, the vents are largely insensitive to scratches.

**Unauthorized opening** the vehicle doors is only possible with considerable effort, which would be equivalent to the violent prying or smashing the windows. Even mosquitoes are not allowed, because the vents are provided on the inside with a fine mosquito net.

**Packaging** is done in self-service packaging (PE-bag) pairs.

**Important Instructions:**

We recommend the use of all ventilation sets exclusively for stationary vehicles! In any case, the ventilation for campers must be removed before departure, to avoid visual obstruction of the driver. The use of all ventilation sets ideally occurs when the user is in the vehicle or in the immediate vicinity. To minimize any risk of theft, we advise when leaving the vehicle to remove the ventilation set and to completely close it. Only in this case, the insurance cover is completely guaranteed.

**Land Rover Defender, 3-türig, 1983-2016**  
414-000000-2 Frischlüfter Fahrerhaus

**Land Rover Defender, 5-türig, 1983-2016**  
414-000000-2 Frischlüfter Fahrerhaus  
414-000002-2 Frischlüfter Seitenfenster

**Mercedes G-Klasse, 3-türig, 1979-2018**  
414-001000-2 Frischlüfter Fahrerhaus

**Mercedes G-Klasse, 5-türig, 1979-2018**  
414-001000-2 Frischlüfter Fahrerhaus  
414-001002-2 Frischlüfter Seitenfenster

**Toyota Landcruiser J15 5-türig, ab 11/2009**  
414-005002-2 Frischlüfter Seitenfenster

**Mitsubishi Pajero III 5-türig, ab 02/2007**  
414-007002-2 Frischlüfter Seitenfenster

**Skoda Yeti, ab 03/2009**  
414-009002-2 Frischlüfter Seitenfenster

**VW Amarok, ab 01/2010**  
414-010002-2 Frischlüfter Seitenfenster

**MB Citan, ab 10/2012**  
414-011002-2 Frischlüfter Seitenfenster

**Renault Kangoo, ab 2008**  
414-011002-2 Frischlüfter Seitenfenster

**Ford Ranger Doppelkabiner, ab 03/2012**  
414-013002-2 Frischlüfter Seitenfenster

**Ford Tourneo Connect, ab 01/2014**  
**Nur für Modelle mit langem Radstand**  
414-014002-2 Frischlüfter Seitenfenster

**Isuzu Dmax Doppelkabiner, ab 07/2012**  
414-015002-2 Frischlüfter Seitenfenster

**Jeep Wrangler Unlimited, ab 04/2007**  
414-016002-2 Frischlüfter Seitenfenster

**Mercedes-Benz X-Klasse, ab 11/2017**  
414-017002-2 Frischlüfter Seitenfenster

**Nissan Navara, ab 01/2016**  
414-017002-2 Frischlüfter Seitenfenster

**Renault Alaskan, ab 09/2017**  
414-017002-2 Frischlüfter Seitenfenster

**Peugeot Rifter, Citroen Berlingo, Opel Combo,**  
**Toyota Proace City, ab 09/2018**  
414-018002-2 Frischlüfter Seitenfenster

**Mercedes-Benz G-Klasse, 5-türig, ab 2018**  
414-019000-2 Frischlüfter Fahrerhaus

**Mercedes-Benz G-Klasse, 5-türig, ab 2018**  
414-019002-2 Frischlüfter Seitenfenster

### Stamped-Parts

#### Used Machinery:

- > Punching machines, computer-controlled
- > Eccentric, 15 - 150 tons
- > Hydraulic Presses
- > Spot welding machines
- > Shears



Quality needs Partners. Therefore we have the quality in the visor since 1914. Our established quality management system according to DIN EN ISO 9001:2015 underlines this plan. We produce specially punching or forming parts of metal according to customers requirements.

#### Materials and Finishes:

- > Slit strip steel, hot dip galvanized (DX 51 D + Z)
- > Slit strip steel, pickled and oiled (hot rolled)
- > Slit strip steel, pickled and oiled (cold rolled)
- > Split strip spring material
- > Aluminum band gap
- > Split strip, stainless steel (material 1.4310)



Our parts are used in almost all areas of industry. For example: furniture fittings, vehicle and machine components for the automobile- and electro industry.

#### Materials Processing:

- > Galvanic treatment chromating
- > Anodizing in various designs
- > Powder Coatings
- > Nickel
- > Chrome
- > RAL colors



Progress and product innovations always are in the limelight of our efforts. Use our modern machinery and equipment.

## Pipe-Clamps

### • Pipe-Clamp: VAG



Type: zinc coated  
 Completely assembled with:

Screw     DIN 931 zinc coated  
 Nut       DIN 934 zinc coated  
 Spring-ring DIN 127 zinc coated

Packed: 10 pieces/carton

| Size   | Thread      | Part-no.  |
|--------|-------------|-----------|
| 41,5mm | M 8 x 50mm  | 41,5-10-5 |
| 42,5mm | M 8 x 50mm  | 42,5-10-5 |
| 45,5mm | M 8 x 50mm  | 45,5-10-5 |
| 46,7mm | M 8 x 50mm  | 46,7-10-5 |
| 48,5mm | M 8 x 50mm  | 48,5-10-5 |
| 49,5mm | M 8 x 50mm  | 49,5-10-5 |
| 52,3mm | M 8 x 50mm  | 52,3-10-5 |
| 53,5mm | M 8 x 50mm  | 53,5-10-5 |
| 54,5mm | M 10 x 65mm | 54,5-10-5 |
| 55,5mm | M 10 x 65mm | 55,5-10-5 |

### • Pipe-Clamp: Ford



Type: zinc coated  
 Completely assembled with:

Nut   DIN 934 zinc coated  
 Nut   DIN 980 copper coated

Packed: 10 pieces/carton

| Size  | Thread            | Part-no. |
|-------|-------------------|----------|
| 36 mm | M10 zinc coated   | 36-10-5  |
| 36 mm | M10 copper coated | 36-10-10 |
| 38 mm | M10 zinc coated   | 38-10-5  |
| 38 mm | M10 copper coated | 38-10-10 |
| 41 mm | M10 zinc coated   | 41-10-5  |
| 41 mm | M10 copper coated | 41-10-10 |
| 43 mm | M10 zinc coated   | 43-10-5  |
| 43 mm | M10 copper coated | 43-10-10 |
| 45 mm | M10 zinc coated   | 45-10-5  |
| 45 mm | M10 copper coated | 45-10-10 |
| 48 mm | M10 zinc coated   | 48-10-5  |
| 48 mm | M10 copper coated | 48-10-10 |
| 50 mm | M10 zinc coated   | 50-10-5  |
| 50 mm | M10 copper coated | 50-10-10 |
| 51 mm | M10 zinc coated   | 51-10-5  |
| 51 mm | M10 copper coated | 51-10-10 |
| 52 mm | M10 zinc coated   | 52-10-5  |
| 52 mm | M10 copper coated | 52-10-10 |
| 53 mm | M10 zinc coated   | 53-10-5  |
| 53 mm | M10 copper coated | 53-10-10 |
| 54 mm | M10 zinc coated   | 54-10-5  |
| 54 mm | M10 copper coated | 54-10-10 |
| 55 mm | M10 zinc coated   | 55-10-5  |
| 55 mm | M10 copper coated | 55-10-10 |
| 56 mm | M10 zinc coated   | 56-10-5  |
| 56 mm | M10 copper coated | 56-10-10 |
| 57 mm | M10 zinc coated   | 57-10-5  |
| 57 mm | M10 copper coated | 57-10-10 |
| 58 mm | M10 zinc coated   | 58-10-5  |
| 58 mm | M10 copper coated | 58-10-10 |