

# LipuJet-P-RAP Extension stage 3

## Product information for the product group

### ACO Product benefits

- Easy to transport and assemble (incorporation in individual segments)
- Optimum insertion dimension
- Easier handling due to weight reduction
- Rotatable inlet fitting and stretchable odor trap
- Multifunctional container
- Emptying, cleaning and filling without odor nuisance
- Individually adjustable pre- and after-cleaning times
- Hydromechanical high-pressure interior cleaning – cold water connection only necessary

- Grease separator according to EN 1825 - Nominal Sizes (5,5-22.5)
- With integrated sludge trap
- Container made of polyethylene, in segment construction
- For indoor installation – frost-free
- Suction and drainage sump
- Odour-tight maintenance opening (clear width Ø450 mm)
- Odour-tight inspection opening through Inlet and outlet
- Central connection for direct suction with fixed coupling and blind coupling
- Inspection window with wiper
- High-pressure internal cleaning:
  - ☐ Motor-driven high-pressure spray head (360° cleaning over two axles)
  - ☐ HP (high pressure) pump (nominal pressure 175 bar)
- Filling unit (components with DVGW and KIWA approvals) for automatic refilling:
  - ☐ Free-flow valve
  - ☐ Pressure reducer with dirt trap
  - ☐ Solenoid valve
  - ☐ Odour trap
- Level measurement via pneumatic pressure measurement including bubbler injection:
  - ☐ Pneumatic box with miniature compressor and pressure sensor
  - ☐ Pitot tube
- Shut-off valve in front of the disposal pump
- Disposal pump:
  - ☐ Vortex impeller design
  - ☐ Three-phase motor
  - ☐ Delivery data according to performance diagram
- Control with connection cable 1.5 m
- And CEE plug 16A including phase changer, protection class IP 54
- Pipe connectors on the inlet and outlet with transition seal for pipe OD 200 mm (NS 15-22.5) / OD 160mm (NS 5.5-10)
- Execution right or left / following components are to be operated on the right or left to the central axis:
  - ☐ Inspection window
  - ☐ Direct suction
  - ☐ Filling unit
  - ☐ High pressure spray head
  - ☐ HP pump
  - ☐ Pneumatic box
  - ☐ Control

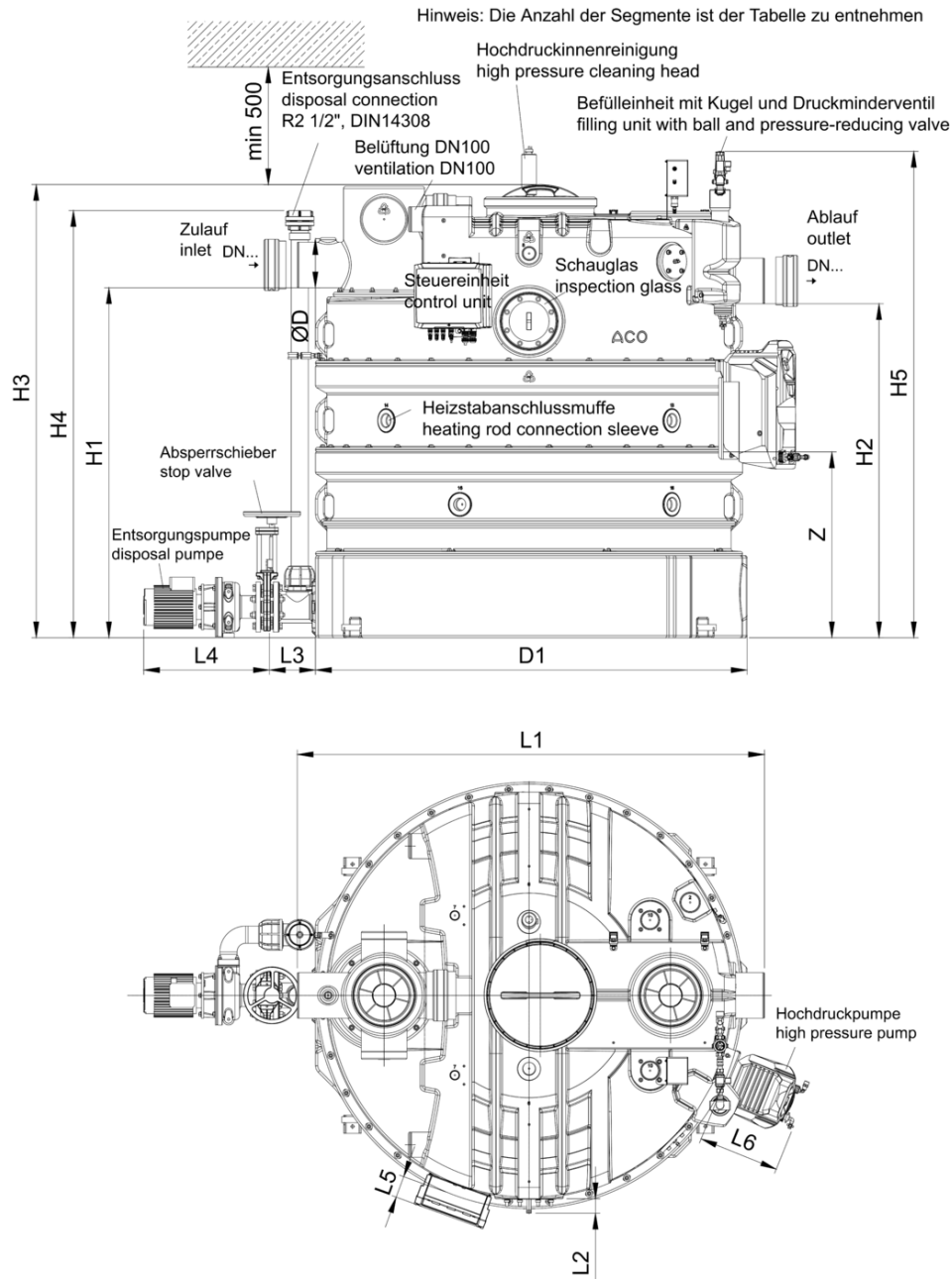


- Declaration of Performance (DoP) No:  
BD-G1-1025
- Connections:
  - ☐ Inlet and outlet OD 200mm (NS 15-22.5) / OD 160mm (NS 5.5-10)
  - ☐ Vent DN100/OD110 mm
  - ☐ Direct suction with fixed coupling Storz-B/2½" and blind coupling
  - ☐ Water connection filling unit Rp¾"
  - ☐ Bottom outlet Rp1"
- Electrical connection:
  - ☐ 400V/50Hz/16A/8.0kW
  - ☐ Fusing: 3x16A (slow) or according to local conditions

#### Item Technical Data 3520.54.00

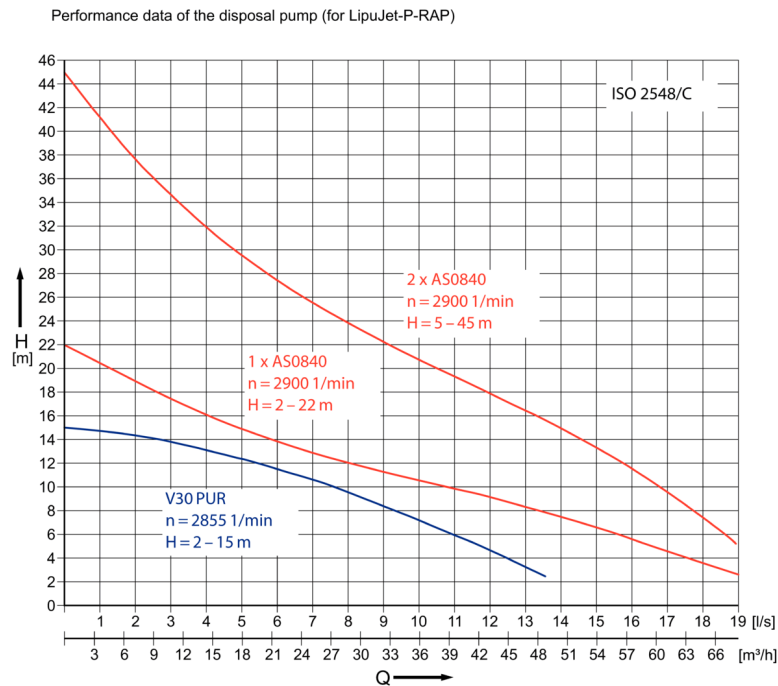
| Nominal size | Nominal width | Contents    |              |         | Weight |      | Operation side |
|--------------|---------------|-------------|--------------|---------|--------|------|----------------|
|              |               | Sludge trap | Grease store | Overall | Empty  | Full |                |
|              |               | [l]         | [l]          | [l]     | [kg]   | [kg] |                |
| NS 20        | DN 200        | 2020        | 800          | 4070    | 350    | 4420 | Right-hand     |

Dimensions



| Nominal size | Dimensions |      |      |      |      |      |      |      |      |      |      |      |      | Z/Anzahl Segmente |
|--------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------|
|              | L1         | L2   | L3   | L4   | L5   | L6   | H1   | H2   | H3   | H4   | H5   | D    | D1   |                   |
|              | [mm]       | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] |                   |
| NS 20        | 2500       | 65   | 210  | 590  | 160  | 360  | 1925 | 1855 | 2380 | 2260 | 2540 | 200  | 1890 | 4                 |

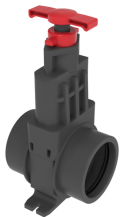
Performance parameters



|            | Q [l/s]        |                |                |                |                |                |              |              |              |              |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|--------------|--------------|--------------|
| H =        | 4 m            | 6 m            | 8 m            | 10 m           | 15 m           | 20 m           | 25 m         | 30 m         | 35 m         | 40 m         |
| 2 x AS0840 | –              | 18,6<br>(18,6) | 17,7<br>(17,7) | 16,8<br>(16,8) | 14,0<br>(14,0) | 10,5<br>(10,5) | 7,3<br>(7,3) | 4,8<br>(4,8) | 2,9<br>(2,9) | 1,3<br>(1,3) |
| 1 x AS0840 | 17,6<br>(17,6) | 15,6<br>(15,6) | 13,4<br>(13,4) | 10,8<br>(10,8) | 4,9<br>(4,9)   | 1,3<br>(1,3)   | –            | –            | –            | –            |
| V30 PUR    | 12,5<br>(12,5) | 11,0<br>(11,0) | 9,3<br>(9,3)   | 7,6<br>(7,6)   | 0,3<br>(0,3)   | –              | –            | –            | –            | –            |

Legend:  
V30 = standard version  
AS0840 = optional

Accessories

|                                                                                     | Description                                                                                                                                            | Used with                                                                                                                                                                                     | Weight | PU      | Item number |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-------------|
|                                                                                     |                                                                                                                                                        |                                                                                                                                                                                               | [kg]   | [piece] |             |
|  | <b>Inlet valve DN 150</b><br>■ Made of PVC<br>■ 160 mm push socket on both sides with rim sealing ring<br>■ Overall dimensions: 226 x 510 mm (L x H)   | ■ Wastewater lifting plant<br>■ Polyethylene grease separator<br>■ Polyethylene starch separator<br>■ Upstream tank plant<br><input type="checkbox"/> Type 7 – Type 10                        | 7.0    | 1       | 0175.13.85  |
|  | <b>Inlet valve DN 200</b><br>■ Made out of PVC<br>■ Push socket 200 mm with lip sealing ring on both sides<br>■ Total dimensions: 264 x 637 mm (L x H) | <input checked="" type="checkbox"/> Wastewater lifting plant<br><input type="checkbox"/> Multi-Star DDP 1/2<br>■ Grease separator made of polyethylene<br><input type="checkbox"/> From NS 15 | 8.4    | 1       | 0170.20.83  |

| Description                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Used with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Weight<br>[kg] | PU<br>[piece] | Item<br>number |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|----------------|
|    | <b>Sampling pot DN 150</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |               |                |
|                                                                                     | <ul style="list-style-type: none"> <li>■ For installation of horizontal pipes DN 150 to grease separator</li> <li>■ Round shape with                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Coupling socket seal (material SBR) on inlet and spigot on outflow</li> <li><input type="checkbox"/> Odour-proof maintenance opening DN 450</li> </ul> </li> </ul>                                                                                                                                                                   | <ul style="list-style-type: none"> <li>■ Grease separator LipuJet-P/LipuSmart-P                             <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 5.5 – 10</li> </ul> </li> <li>■ Starch separator FapuJet-P-OAP                             <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 2</li> </ul> </li> </ul>                                                                                                                                                                                                                | 10.1           |               | 3300.09.21     |
|    | <b>Sampling pot DN 200</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |               |                |
|                                                                                     | <ul style="list-style-type: none"> <li>■ For installation of horizontal pipes DN 200 to grease separator</li> <li>■ Round shape with                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Coupling socket seal (material SBR) on inlet and spigot on outflow</li> <li><input type="checkbox"/> Odour-proof maintenance opening DN 450</li> </ul> </li> </ul>                                                                                                                                                                   | <ul style="list-style-type: none"> <li>■ Grease separator LipuJet-P                             <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 15 – 22,5</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                  | 10.3           |               | 3300.09.31     |
|    | <b>Sampling pot DN 150</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |               |                |
|                                                                                     | <ul style="list-style-type: none"> <li>■ For installation in vertical pipes DN 150 going to grease separator</li> <li>■ Round shape with                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Coupling socket seal (material SBR) on inlet and spigot on outflow</li> <li><input type="checkbox"/> Odour-proof maintenance opening DN 450</li> </ul> </li> </ul>                                                                                                                                                               | <ul style="list-style-type: none"> <li>■ Grease separator LipuJet-P/LipuSmart-P                             <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 5.5 – 10</li> </ul> </li> <li>■ Starch separator FapuJet-P-OAP                             <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 2</li> </ul> </li> </ul>                                                                                                                                                                                                                | 10.1           |               | 3300.10.21     |
|  | <b>Sampling pot DN 200</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |               |                |
|                                                                                     | <ul style="list-style-type: none"> <li>■ For installation in vertical pipes DN 200 going to grease separator</li> <li>■ Round shape with                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Coupling socket seal (material SBR) on inlet and spigot on outflow</li> <li><input type="checkbox"/> Odour-proof maintenance opening DN 450</li> </ul> </li> </ul>                                                                                                                                                               | <ul style="list-style-type: none"> <li>■ Grease separator LipuJet-P                             <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 15 – 22,5</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                  | 10.2           |               | 3300.10.31     |
|  | <b>Grease layer thickness measuring device</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |               |                |
|                                                                                     | <ul style="list-style-type: none"> <li>■ For electronic measurement of layer of grease</li> <li>■ Suitable for liquid and/or congealing grease</li> <li>■ Measuring device with plug and used connecting cable, length: 3 m</li> <li>■ With two voltage-free changeover contacts to display full warning (80%) and advance warning of fill level (50%)</li> <li>■ With visual display of fill level</li> <li>■ With heated probe rod to increase reliability of operation</li> <li>■ Operating voltage: 230VAC/5 VA</li> <li>■ Max consumption approx. 12W</li> </ul> | <ul style="list-style-type: none"> <li>■ LipuJet-P                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Oval NS 1 – 10</li> <li><input type="checkbox"/> Round NS 2 – 22,5</li> </ul> </li> <li>■ LipuJet-S                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Oval NS 1 – 10</li> <li><input type="checkbox"/> Round NS 2 – 20</li> </ul> </li> <li>■ LipuSmart-P                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Oval NS 1 – 10</li> </ul> </li> </ul> | 2.8            |               | 3300.11.50     |

| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Used with                                                                                                                                                                                                                                                                                                     | Weight | PU      | Item number |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                               | [kg]   | [piece] |             |
| <b>Coarse trap DN 150</b><br> <ul style="list-style-type: none"> <li>■ For installation in vertical pipes DN 150 going to grease separator</li> <li>■ Round shape with <ul style="list-style-type: none"> <li><input type="checkbox"/> Coupling socket seal (material SBR) on inlet and spigot on outflow</li> <li><input type="checkbox"/> Basket made from stainless steel, material grade 316 to retain coarse substances</li> <li><input type="checkbox"/> Odour-proof maintenance opening DN 450</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>■ Grease separator LipuJet-P/LipuSmart-P <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 5,5 – 10</li> </ul> </li> <li>■ Starch separator FapuJet-P-OAP <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 2</li> </ul> </li> </ul> | 12.6   |         | 3667.00.05  |
| <b>Coarse trap DN 200</b><br> <ul style="list-style-type: none"> <li>■ For installation in vertical pipes DN 200 going to grease separator</li> <li>■ Round shape with <ul style="list-style-type: none"> <li><input type="checkbox"/> Coupling socket seal (material SBR) on inlet and spigot on outflow</li> <li><input type="checkbox"/> Basket made from stainless steel, material grade 316 to retain coarse substances</li> <li><input type="checkbox"/> Odour-proof maintenance opening DN 450</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>■ Grease separator LipuJet-P <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 15 – 22,5</li> </ul> </li> </ul>                                                                                                                                       | 9.9    |         | 3667.00.06  |
|  <b>Heating rod</b><br><ul style="list-style-type: none"> <li>■ To liquefy grease layer</li> <li>■ Incl. control</li> <li>■ Electrical connector <ul style="list-style-type: none"> <li><input type="checkbox"/> 400 V/50 Hz/6.0 kW</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>■ Grease separators</li> </ul>                                                                                                                                                                                                                                         | 15.0   |         | 7300.01.00  |
|  <b>Connection box</b><br><ul style="list-style-type: none"> <li>■ For evacuation connection and remote control</li> <li>■ Made from stainless steel, material grade 304</li> <li>■ Fixing: "On wall"</li> <li>■ Dimensions (width x height x depth): 500 x 500 x 160 mm</li> </ul>                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>■ Grease separators</li> <li>■ Starch separators</li> <li>■ LipuLift-P-D/-DA/-DAP</li> </ul>                                                                                                                                                                           | 11.6   |         | 7601.80.20  |
|  <b>In-wall frame</b><br><ul style="list-style-type: none"> <li>■ Dimensions (width x height x depth): 565 x 565 x 15 mm</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>■ Connection box <ul style="list-style-type: none"> <li><input type="checkbox"/> 7601.80.20</li> </ul> </li> <li>■ LipuLift-P-D/-DA/-DAP</li> </ul>                                                                                                                    | 1.2    |         | 7601.80.21  |
|  <b>Stop valve</b><br><ul style="list-style-type: none"> <li>■ Made of cast iron</li> <li>■ Penstock plate, spindle made from stainless steel, material grade 304</li> </ul>                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                               |        |         |             |
| DN 150; Length (L): 60 mm; Spindle travel (H1 – H2): 478 – 639 mm; Manual wheel diameter: 200 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Grease separators for free-standing installation; Starch separator for free-standing installation                                                                                                                                                                                                             | 29.4   |         | 7604.00.12  |
| DN 200; Length (L): 60 mm; Spindle travel (H1 – H2): 542 – 743 mm; Manual wheel diameter: 250 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Grease separator for free-standing installation; <ul style="list-style-type: none"> <li><input type="checkbox"/> NS 15-20</li> </ul>                                                                                                                                                                          | 36.0   |         | 7610.00.12  |

|                                                                                     | Description                                                                                                                                                                                                                                                                                    | Used with                                                                                                                                                                                                             | Weight | PU      | Item number |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-------------|
|                                                                                     |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                       | [kg]   | [piece] |             |
|    | <b>Flange connection part</b><br>■ Stainless steel, material grade 304<br>■ Seal: NBR                                                                                                                                                                                                          |                                                                                                                                                                                                                       |        |         |             |
|                                                                                     | DN 150; Length (L): 75 mm                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                       | 10.0   |         | 7604.00.13  |
|                                                                                     | DN 200; Length (L): 120 mm                                                                                                                                                                                                                                                                     | Stop valve DN 200;<br>□ 7610.00.12                                                                                                                                                                                    | 12.9   |         | 7610.00.13  |
|    | <b>Connection box</b><br>■ For evacuation connection DN 80<br>■ Made from stainless steel, material grade 304<br>■ "On wall" version<br>■ Door stop<br>□ Choice of left or right<br>□ Lockable door<br>■ Dimensions (width x height x depth):<br>370 x 330 x 250 mm                            | ■ Grease separators<br>□ LipuMax-P-D/DM/DA<br>□ LipuJet-P-OD/RD/SD/OM/OMP/RM/RMP<br>□ LipuJet-S-OD/RD/SD/OM/OMP/RM/RMP<br>■ Stach separators FapuMax-P-DA<br>■ Oil separators Coalisator-P<br>■ LipuLift-P-D/-DA/-DAP | 10.4   |         | 7601.80.22  |
|                                                                                     | <b>In-wall frame</b><br>■ Stainless steel, material grade 304<br>■ Dimensions (width x height x depth):<br>421 x 381 x 25 mm                                                                                                                                                                   | ■ Connection box<br>□ 7601.80.22<br>■ LipuLift-P-D/-DA/-DAP                                                                                                                                                           | 1.0    |         | 7601.80.23  |
|  | <b>Remote control</b><br>■ For internal fitting or fitting in connection boxes<br>■ Control line without protective conductor on-site<br>□ Up to 50 m: 7 x 1.0 mm <sup>2</sup><br>□ 50 – 200 m 7 x 1.5 mm <sup>2</sup>                                                                         |                                                                                                                                                                                                                       |        |         |             |
|                                                                                     |                                                                                                                                                                                                                                                                                                | Grease separator;<br>□ LipuJet-P OA/OAP/RA/RAP<br>□ LipuJet-S OA/OAP/RA/RAP<br>□ LipuMax-P-DA<br>□ LipuSmart-P-OA/OAP<br>; Starch separator FapuJet                                                                   | 1.0    |         | 0150.59.89  |
|  | <b>Storz coupling for swinging gas lines</b><br>■ Storz coupling 75B<br>■ For connection of the disposal vehicle pendulum gas line<br>■ For pipe connection Rp 2 ½" (female thread)                                                                                                            | ■ For installation in connection box art. no. 7601.80.22                                                                                                                                                              | 1.8    |         | 0155.32.09  |
|                                                                                     | <b>Connection box</b><br>■ For disposal connection, pendulum gas line (if necessary) and remote control<br>■ From stainless steel, material grade 304<br>■ "Surface mounted" version<br>■ Glass beaded front<br>■ Lockable door, left limit stop<br>■ Dimensions W x H x D: 300 x 725 x 160 mm | ■ Grease separator<br>■ Starch separators<br>■ LipuLift-P-D/-DA/-DAP                                                                                                                                                  | 10.0   |         | 7601.80.24  |

| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Used with                                                                                                                                                                                                                                                                                                                                                                      | Weight | PU      | Item number |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                | [kg]   | [piece] |             |
|  <p><b>In-wall frame</b></p> <ul style="list-style-type: none"> <li>■ From stainless steel, material grade 304</li> <li>■ "In-wall" version</li> <li>■ Glass beaded front</li> <li>■ Dimension W x H x D: <ul style="list-style-type: none"> <li>□ 405 x 830 x 30 mm</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>■ Connection box <ul style="list-style-type: none"> <li>□ 7601.80.24</li> </ul> </li> <li>■ LipuLift-P-D/-DA/-DAP</li> </ul>                                                                                                                                                                                                            | 2.1    |         | 7601.80.25  |
|  <p><b>ACO Ozone Generator</b></p> <ul style="list-style-type: none"> <li>■ ACO Ozone minimizes odors that can arise from grease separators, lifting plants and pumping stations</li> <li>■ Material: acid-resistant stainless steel</li> </ul> <p>Consists:</p> <ul style="list-style-type: none"> <li>■ ACO Ozone - ozone generator <ul style="list-style-type: none"> <li>□ Size (L x W x H): 270 x 100 x 85 mm</li> <li>□ Nominal voltage 230 V / 50 Hz</li> <li>□ Degree of protection IP20</li> </ul> </li> <li>■ ACO Ozone pump - feed pump <ul style="list-style-type: none"> <li>□ Size (L x W x H): 160 x 90 x 90 mm</li> <li>□ Integrated filter</li> <li>□ Nominal voltage 230 V / 50 Hz</li> <li>□ Degree of protection IP54</li> </ul> </li> <li>■ ACO Ozone bracket - wall bracket <ul style="list-style-type: none"> <li>□ Size (L x W x H): 295 x 110 x 90 mm</li> </ul> </li> <li>■ Hoses</li> </ul> | <ul style="list-style-type: none"> <li>■ Grease separators, indoors</li> <li>■ Grease separators, outdoors</li> <li>■ Lifting stations</li> <li>■ Pumping stations</li> </ul>                                                                                                                                                                                                  |        |         | 7980.90.00  |
|  <p><b>Message system with GSM module</b></p> <ul style="list-style-type: none"> <li>■ Parameter via app (Android &amp; iOS)</li> <li>■ Mains-independent alarm via 12V lead-gel battery</li> <li>■ Optical and acoustic alarm message</li> <li>■ Freely configurable inputs <ul style="list-style-type: none"> <li>□ 6 digital inputs with LED status display</li> <li>□ 1 analogue</li> </ul> </li> <li>■ 1 alarm output 12 V</li> <li>■ Alarm forwarding via SMS to mobile phones</li> <li>■ For mounting outside the hazardous area</li> <li>■ Housing: 192 x 150(with cable gland) x 100 mm (WxHxD)</li> <li>■ Protective doctor: IP54</li> <li>■ Operating voltage: 230 V/AC 50/60 Hz</li> </ul>                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>■ All grease separators</li> <li>■ Grease layer thickness measuring device</li> <li>■ Pre-tank plants</li> <li>■ Technical processing systems</li> <li>■ Quatrix-K backflow preventer type 3F</li> <li>■ Sinkamat-K (underfloor) duo</li> <li>■ Multi lifting units</li> <li>■ Pumping stations</li> <li>■ Installation sets</li> </ul> | 2.0    | 1       | 0150.80.14  |
|  <p><b>Connection cable antenna GSM</b></p> <ul style="list-style-type: none"> <li>■ Length incl. connections: approx. 15 m</li> <li>■ Cable type: RG58</li> <li>■ Connections: 1 x SMA plug (SMA/M) and 1 x SMA socket (SMA/F)</li> <li>■ Only one extension cable may be used per GSM module</li> <li>■ Usable in temperature range: -20°C to 85°C</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>■ GSM - Modul</li> </ul>                                                                                                                                                                                                                                                                                                                |        |         | 0150.83.86  |



| Description                                                                       | Used with                                                                                                                                             | Weight | PU      | Item number |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-------------|
|                                                                                   |                                                                                                                                                       | [kg]   | [piece] |             |
| Operating Logbook                                                                 |                                                                                                                                                       |        |         |             |
|  | ■ Contents: Check-list and standard forms to document in-house monitoring, maintenance and disposal relating to the plant as required by DIN 4040-100 | 0.3    |         | 0150.45.23  |
|                                                                                   | ■ Grease separator                                                                                                                                    |        |         |             |
|                                                                                   | <input type="checkbox"/> For underground installation                                                                                                 |        |         |             |
|                                                                                   | <input type="checkbox"/> For free-standing installation                                                                                               |        |         |             |
|                                                                                   | ■ Format: A4 with double filing rings                                                                                                                 |        |         |             |
| ■ Size: 60 pages                                                                  |                                                                                                                                                       |        |         |             |
| ■ Laid out to cover 5 years                                                       |                                                                                                                                                       |        |         |             |

You can find further accessories under → <https://www.buildingdrainage.aco/search/?q=3520.54.00>