

Grease separators

EasyClean free Basic

 **KESSEL**

EasyClean free Basic

The economic solution

for wastewater treatment.



 Made in Germany

www.kessel.com

Grease separator *EasyClean* free Basic

The economic solution for wastewater treatment in kitchens

The *EasyClean* free Basic grease separator is the latest model in our quality separator series. It has been developed to satisfy all of the requirements of modern wastewater technology, though at the same time takes into account profitability and efficiency for the user.

The result is a separator made of durable polyethylene, which is still working reliably even decades after its installation. It is available with two disposal options. In addition to the standard version, there is a Direct version, which has a convenient direct disposal connection. With the help of this, the disposal of the separator content can be done completely odourless over a permanently installed disposal line. Both versions can be ordered with practical accessories, such as an inspection window or a refill inlet, and thus adapt perfectly to the requirements on site.

The *EasyClean* free Basic is the new standard and **economic solution** for wastewater treatment in kitchens and food processing facilities.

Made in Germany! Made by KESSEL!

EasyClean free Basic Standard



- 1 Grease separator *EasyClean* free Basic Standard
- 2 Disposal takes place through opened cover
- 3 Refill inlet
- 4 Inspection window
- 5 Sampling chamber
- 6 Wastewater lifting station

EasyClean free Basic Direct



- 1 Grease separator *EasyClean* free Basic Direct
- 2 Odour free disposal takes place through permanently installed disposal line
- 3 Refill inlet
- 4 Inspection window
- 5 Sampling chamber
- 6 Wastewater lifting station

Direct disposal

Enables the extraction of the grease separator contents through a permanently installed odour free disposal pipe without opening the tank (Direct version).

Quick release access covers

Slanted twin access covers with quick release odour tight snap closures for quick and easy maintenance and cleaning.

100 % corrosion free polyethylene body

The used polyethylene material is resistant to aggressive fatty acids – and therefore particularly durable. In addition to the statutory provision, we provide a 20-year warranty with regard to the leak tightness, fitness for purpose and structural safety of tanks and upper sections.

Perfect cleaning results

Integrated sloped base allows wastewater to flow with gravity directly to the suction intake – saving time and disposal costs.



Grease separators *EasyClean* free Basic Direct NS 2 – 10 for free-standing installation



- Service side (left/right)
- Inspection window (with/without)
- Refill inlet (with/without)

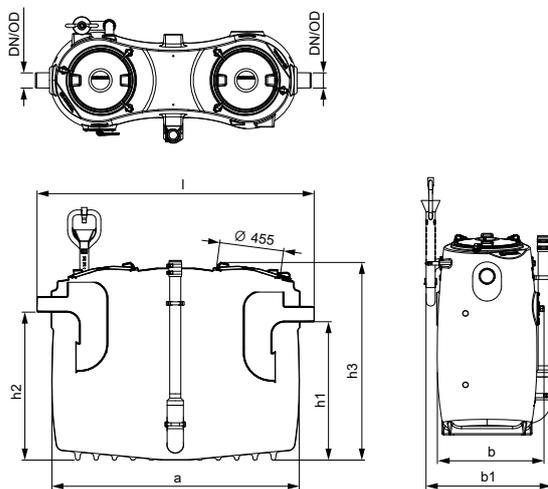
The separator for fat containing wastewater is suitable for free-standing installation in frost protected areas and contains no metal parts in the chamber. The collection chamber made of resistant polymer (PE) includes an integrated sludge trap. Two odour-resistant covers with quick-release closures allow easy access for cleaning and maintenance tasks. For odour-reducing manual disposal, with factory installed pressure pipe suction outlet. After disposal, only approx. 3 L of residual sludge volume is in the tank.

- Warranty for polyethylene material:** 20 years
- Standard:** EN 1825
- Connection of inlet/outlet fittings:** PE-HD pipes according to DIN 19537, HT pipes according to DIN 19560 (PP or AS piping)
- Disposal connection DN(OD):** 65(75mm) PN10
- Scope of delivery:** Storz B coupling R 2 1/2 " for suction hose connection

- System fully assembled as supplied
- **Accessories:** Sampling chamber, lifting station



Illustration shows Art. 94 004.32DR



| | Direction of flow "left" | Direction of flow "right" |
|--|--------------------------|---------------------------|
| NS | Art. no. | Art. no. |
| Without accessories | | |
| NS 2 | 94 002.10DL | 94 002.10DR |
| NS 4 | 94 004.10DL | 94 004.10DR |
| NS 7 | 94 007.10DL | 94 007.10DR |
| NS 10 | 94 010.10DL | 94 010.10DR |
| With inspection window | | |
| NS 2 | 94 002.21DL | 94 002.21DR |
| NS 4 | 94 004.21DL | 94 004.21DR |
| NS 7 | 94 007.21DL | 94 007.21DR |
| NS 10 | 94 010.21DL | 94 010.21DR |
| With refill inlet | | |
| NS 2 | 94 002.12DL | 94 002.12DR |
| NS 4 | 94 004.12DL | 94 004.12DR |
| NS 7 | 94 007.12DL | 94 007.12DR |
| NS 10 | 94 010.12DL | 94 010.12DR |
| With inspection window and refill inlet | | |
| NS 2 | 94 002.32DL | 94 002.32DR |
| NS 4 | 94 004.32DL | 94 004.32DR |
| NS 7 | 94 007.32DL | 94 007.32DR |
| NS 10 | 94 010.32DL | 94 010.32DR |

| NS | Outer diameter Ø (mm) | Installation dimension l × b (mm) | b1 (mm) | h1 (mm) | h2 (mm) | h3 (mm) | Weight (kg) | Sludge trap (l) | Water and sludge (l) | Grease storage (l) | Total (incl. water) (l) |
|----|-----------------------|-----------------------------------|---------|---------|---------|---------|-------------|-----------------|----------------------|--------------------|-------------------------|
| 2 | 110 | 1560 × 700 | 920 | 985 | 1055 | 1420 | 85 | 200 | 460 | 80 | 660 |
| 4 | 110 | 1960 × 700 | 905 | 985 | 1055 | 1420 | 105 | 400 | 420 | 160 | 820 |
| 7 | 160 | 1960 × 920 | 1140 | 1185 | 1255 | 1670 | 155 | 700 | 670 | 280 | 1370 |
| 10 | 160 | 2610 × 920 | 1120 | 1185 | 1255 | 1670 | 175 | 1000 | 880 | 400 | 1880 |

Ø = Outer diameter b1 = Set-up dimensions

Grease separators *EasyClean* free Basic Standard NS 2 – 10

for free-standing installation

- Service side (left/right)
- Inspection window (with/without)
- Refill inlet (with/without)

The separator for fat containing wastewater is suitable for free-standing installation in frost protected areas and contains no metal parts in the chamber. The sampling chamber made of resistant polymer (PE) includes an integrated sludge trap. Two odour-resistant covers with quick-release closures allow easy access for cleaning and maintenance tasks. Requires disposal truck with vacuum system. The tank is opened during manual disposal.

Warranty for polyethylene material: 20 years

Standard: EN 1825

Connection of inlet/outlet fittings: PE-HD pipes according to DIN 19537, HT pipe according to DIN 19560 (PP or AS piping)

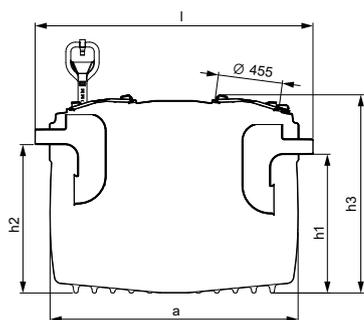
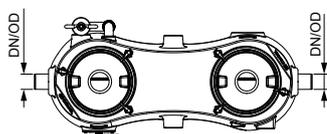
System fully assembled as supplied

➤ **Accessories:** Sampling chamber, lifting station



Illustration shows Art. 94 004.32R

| Direction of flow "left" | | Direction of flow "right" | |
|---|------------|---------------------------|------------|
| NS | Art. no. | NS | Art. no. |
| Without accessories | | | |
| NS 2 | 94 002.10 | NS 2 | 94 002.10 |
| NS 4 | 94 004.10 | NS 4 | 94 004.10 |
| NS 7 | 94 007.10 | NS 7 | 94 007.10 |
| NS 10 | 94 010.10 | NS 10 | 94 010.10 |
| With inspection window | | | |
| NS 2 | 94 002.21L | NS 2 | 94 002.21R |
| NS 4 | 94 004.21L | NS 4 | 94 004.21R |
| NS 7 | 94 007.21L | NS 7 | 94 007.21R |
| NS 10 | 94 010.21L | NS 10 | 94 010.21R |
| With refill inlet | | | |
| NS 2 | 94 002.12L | NS 2 | 94 002.12R |
| NS 4 | 94 004.12L | NS 4 | 94 004.12R |
| NS 7 | 94 007.12L | NS 7 | 94 007.12R |
| NS 10 | 94 010.12L | NS 10 | 94 010.12R |
| With inspection window and refill inlet | | | |
| NS 2 | 94 002.32L | NS 2 | 94 002.32R |
| NS 4 | 94 004.32L | NS 4 | 94 004.32R |
| NS 7 | 94 007.32L | NS 7 | 94 007.32R |
| NS 10 | 94 010.32L | NS 10 | 94 010.32R |



| NS | Outer diameter Ø (mm) | Installation dimension l × b (mm) | b1 (mm) | h1 (mm) | h2 (mm) | h3 (mm) | Weight (kg) | Sludge trap (l) | Water and sludge (l) | Grease storage (l) | Total (incl. water) (l) |
|----|-----------------------|-----------------------------------|---------|---------|---------|---------|-------------|-----------------|----------------------|--------------------|-------------------------|
| 2 | 110 | 1560 × 700 | 850 | 985 | 1055 | 1420 | 80 | 200 l | 460 l | 80 l | 660 l |
| 4 | 110 | 1960 × 700 | 850 | 985 | 1055 | 1420 | 100 | 400 l | 420 l | 160 l | 820 l |
| 7 | 160 | 1960 × 920 | 1080 | 1185 | 1255 | 1670 | 150 | 700 l | 670 l | 280 l | 1370 l |
| 10 | 160 | 2610 × 920 | 1080 | 1185 | 1255 | 1670 | 170 | 1000 l | 880 l | 400 l | 1880 l |

Ø = Outer diameter b1 = Set-up dimensions

Accessories

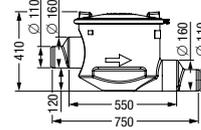
Grease separators for free-standing installation

Sampling chamber Ø 400

for separation systems

Outlet lateral

Compatibility: For connection to outlet pipe of separator, no ponding (allows accurate samples). Inlet and outlet Ø 110 / Ø 160 available options for synthetic material pipes in: PE-HD (according to EN 1519-1); PVC-HT, PP or AS
Inclusive: Cover sealed odour-tight with quick release closure
Drop height: 120 mm



Outer diameter
Ø (mm)

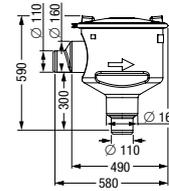
Art. no.

Ø 110/Ø 160

915 871

Outlet vertical

Compatibility: For connection to outlet pipe of separator, no ponding (allows accurate samples). Inlet and outlet Ø 110 / Ø 160 available options for synthetic material pipes in: PE-HD (according to EN 1519-1); PVC-HT, PP or AS
Inclusive: Cover sealed odour-tight with quick release closure
Drop height: 120 mm



Ø 110/Ø 160

915 870

Range of lifting stations

In addition to grease separators, KESSEL also offers properly matched wastewater lifting stations.



Further information see
Catalogue EN 4.0 /
www.kessel.com

Range of additional disposal options

Additional to the disposal options "Standard" and "Direct", we also offer further disposal options in our *EasyClean* free series, which can be as comfortable as fully automatic program-controlled disposal. Here are your options:

| Disposal options | <i>EasyClean</i> free Basic | | <i>EasyClean</i> free | | | |
|---|-----------------------------|--------|-----------------------|----------|------------|-----------------|
| | Standard | Direct | Mix | Auto Mix | Mix & Pump | Auto Mix & Pump |
|  Connection for direct disposal | | ✓ | ✓ | ✓ | ✓ | ✓ |
|  Shredder-Mix-System | | | ✓ | ✓ | ✓ | ✓ |
|  Control unit | | | | ✓ | ✓ | ✓ |
|  Disposal pump | | | | | ✓ | ✓ |
|  Fully automatic | | | | | | ✓ |

For further information see Catalogue EN 4.0 or visit www.kessel.com

Not found what you're looking for?

In addition to our standard separators, we also develop individual solutions for special requirements please contact info@kessel.com for personal support for a customized separator.

Individual solutions

info@kessel.com



Further information
see

www.kessel.com



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