Pioneering for You

Inlet Seal Kit



en Installation instructions

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Inlet seal
https://qr.wilo.com/1222

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1 Safety

1.1 About these instructions

These instructions are a part of the product. Obey the instructions for correct handling and use:

- Read the instructions carefully before starting any works.
- Keep the instructions in a location where it is easy to access.
- Follow the product specifications.
- Follow the markings on the product.

1.2 Protective equipment for staff

The specified protective equipment is the minimum requirement. Observe the requirements of the factory regulations.

- Safety gloves (EN 388): 4X42C (uvex C500 wet)
- Safety glasses (EN 166): (uvex skyguard NT)
  - Marking of frame: W 166 34 F CE
  - Marking of eyeglass-lens: 0-0.0* W1 FKN CE
    * Protection level according to EN 170 is not relevant for this work.

Article recommendations

The mentioned branded articles are non-binding recommendations. Equal products from other brands can also be used. The prerequisite is the fulfilment to the mentioned standards.

WILO SE accepts no liability for conformity with the relevant standards for the articles mentioned.

1.3 Hazardous fluids: working on used products

The lifting unit collects sewage. There is a risk of bacterial infection if you work on used products. You can come into contact with the hazardous fluid. Observe the following points:

- Wear protective equipment!
  Also wear a respiratory mask: Half mask 3M series 6000 with filter 6055 A2
- Before assembly:
  - Shut down the lifting unit
  - Empty tank
  - Clean and disinfect the tank

NOTICE! Observe all instructions in the "Shut-down/dismantling" section of the installation and operating instructions!

2 Scope of delivery

Article no.	Seal	Pipe clamp	Hole saw
6096498	DN/OD 40	included	–
6096499	DN/OD 50	–	–
6100495	DN/OD 63	–	–
6100494	DN/OD 75	–	–
6100493	DN/OD 90	included	–
2522672	DN/OD 110	included	–
2552849	DN/OD 160	included	–
2552850	DN/OD 200	included	–
6096492	DN/OD 40	included	48 mm (1.9 in)
6096493	DN/OD 50	–	57 mm (2.2 in)
6100492	DN/OD 63	–	70 mm (2.8 in)
6100491	DN/OD 75	–	83 mm (3.3 in)
6100490	DN/OD 90	included	114 mm (4.5 in)
2521841	DN/OD 110	included	124 mm (4.9 in)
2515145	DN/OD 160	included	175 mm (6.9 in)
2552851	DN/OD 200	included	215 mm (8.5 in)

3 Installation

- Connect the inlet only within the marked areas. The inlet areas are described in the operating instructions of the lifting unit!
  If the inlet is located outside the marked areas, the following problems can occur:
  - The connection leaks
  - Backflow into the inlet pipe.

- Avoid a gushing inflow and air intake into the collection tank. Install the inlet properly. **CAUTION! Gushing inflow or air intake into the collection tank can lead to malfunctions of the lifting unit!**
- To allow the inlet pipe to drain off by itself, install the inlet pipe with a gradient to the lifting unit.
- Minimum height from floor to the centre of the inlet: see installation and operating instructions of the lifting unit!
- All connections must be tight!

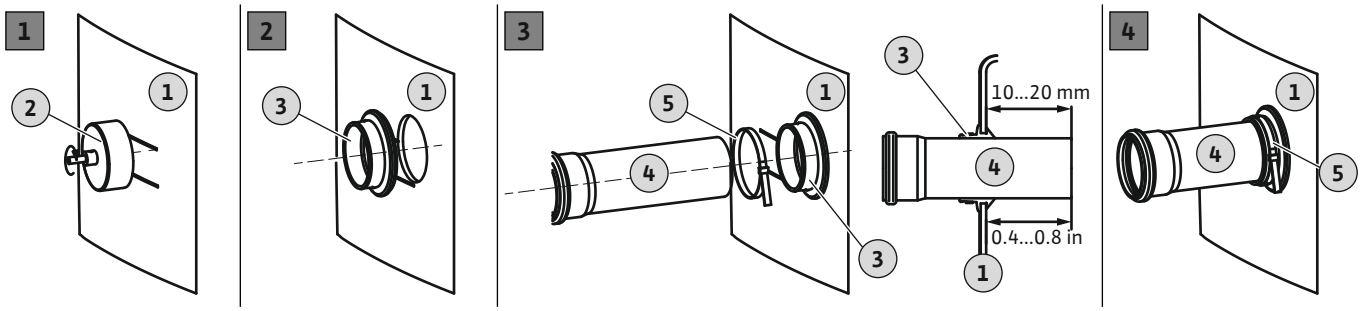


Fig. 1: Installing the inlet seal and inlet pipe

1	Tank wall
2	Hole saw, insert for drill
3	Inlet seal
4	Inlet pipe
5	Pipe clamp

✓ Lifting unit installed properly.

✓ Inlet pipe installed to the collection tank according to the consulting guide.

✓ Provide installation material:
1x hole saw
1x drill
1x seal
1x pipe clamp

1. Mark the inlet on the collection tank.
2. Cut the hole with the hole saw into the tank wall.
   During the drilling of the hole, observe the following:
   – Observe the dimensions of the inlet area. **CAUTION! The drilled hole must be completely within the marked inlet area!**
   – Max. speed of the drill: 200 rpm.
   – Check the hole diameter! **NOTICE! Drill the hole carefully. Impermeability of the connection depends on the drilled hole!**
   – The drilling chips must fall cleanly from the hole saw! If the drilling chips stick to the hole saw, the material heats up too quickly and melts. If the material melts, observe the following instructions:
   ⇒ Stop drilling, let the material cool down, and clean the hole saw!
   ⇒ Reduce the drilling speed.
   ⇒ Vary feed rate during drilling.
3. Deburr and smooth the cut edge.
4. Insert the seal into the hole.
5. Push the pipe clamp onto the seal.
6. Coat the inner surface of the seal with lubricant.
7. Push the inlet pipe into the seal.
   Push the inlet pipe 10 ... 20 mm (0.4 ... 0.8 in) into the collection tank.
8. Connect the seal and pipe with the pipe clamp. **Tightening torque: 5 Nm (3.7 ft·lb).**
   ► Inlet seal and inlet pipe installed.





wilo



Local contact at
www.wilo.com/contact

WILO SE
Wilopark 1
44263 Dortmund
Germany
T +49 (0)231 4102-0
T +49 (0)231 4102-7363
wilo@wilo.com
www.wilo.com

Pioneering for You