

Wells with backwater valve

Height adjustable

NOVELTY!

A new addition to Karmat's offer of single and multi-family housing anti-flooding devices. Well with backwater valve kit is designed to be installed inside or outside of a building.

The installation of the height-adjustable well with a backwater valve at the initial phase of construction allows for its adaptation to the surrounding surfaces.



Height adjustable wells with backwater valve

SZB16 - designed for $\varnothing 160$ pipes

SZB20 - designed for $\varnothing 200$ pipes



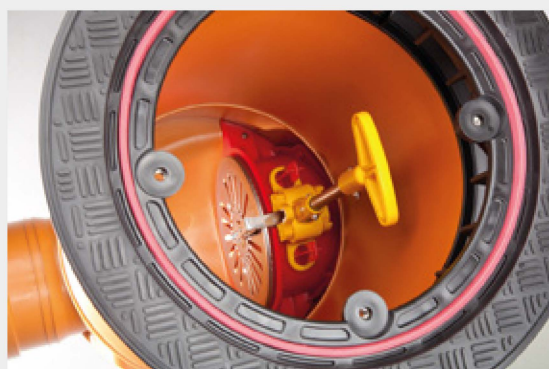
Height adjustable wells with backwater valve

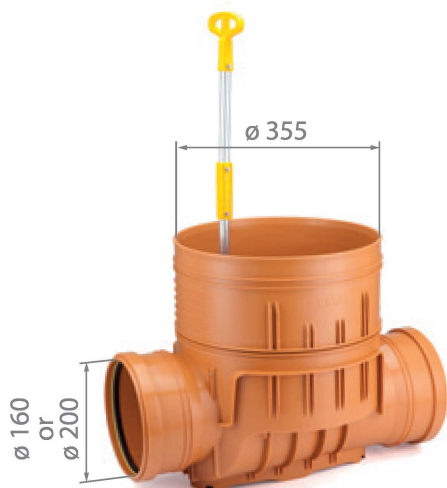
SZB16W - designed for $\varnothing 160$ pipes

SZB20W - designed for $\varnothing 200$ pipes



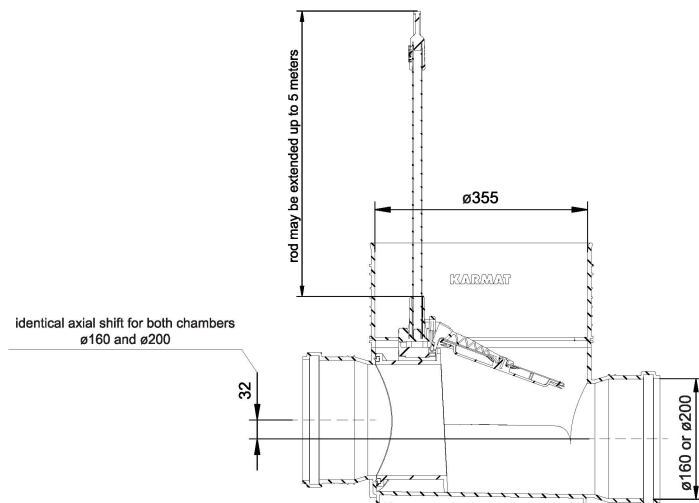
The airtight cover prevents unpleasant odours from entering the room. The top cover, equipped with a seal, allows for convenient access to the backwater valve mechanism and the piping itself.





K35P16ZB
dedicated for Ø 160 pipes

K35P20ZB
dedicated for Ø 200 pipes

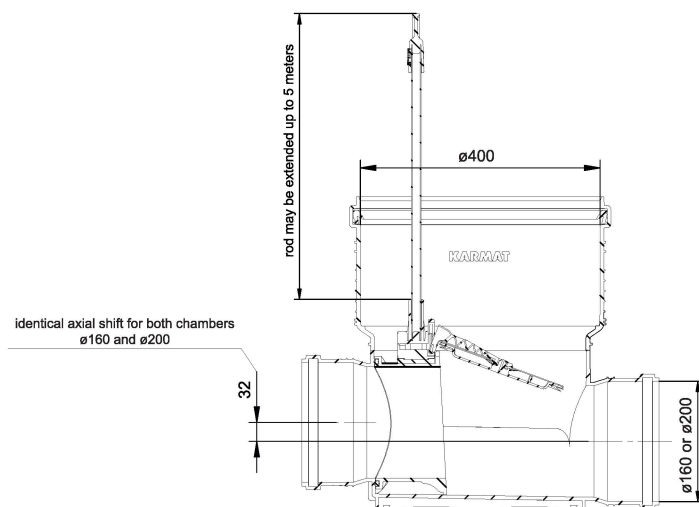


**The chamber base with a backwater valve
for corrugated riser pipe Ø 315
(external diameter of riser pipe Ø 355)**



K40P16ZB
dedicated for Ø 160 pipes

K40P20ZB
dedicated for Ø 200 pipes



**The chamber base with a backwater valve
for solid wall riser pipe Ø 400**



PRZ70
Extension Rod

ALL NECESSARY SEALS COME INCLUDED IN THE SET

Products meet the EN13564 and EN13598 standards and are marked with the CE symbol

Application

The chamber base with a backwater valve is designed for use in sanitary sewage or rainwater systems. The recommended location for installation is a sewer pipe between the building and the main sewer network. The chamber base also serves as an inspection well protecting the building from flooding.

Watertight covers are recommended for use with chamber bases equipped with the backwater valves. They effectively block the returning sewage from spilling over the ground surface. They also prevent bad odours from escaping.

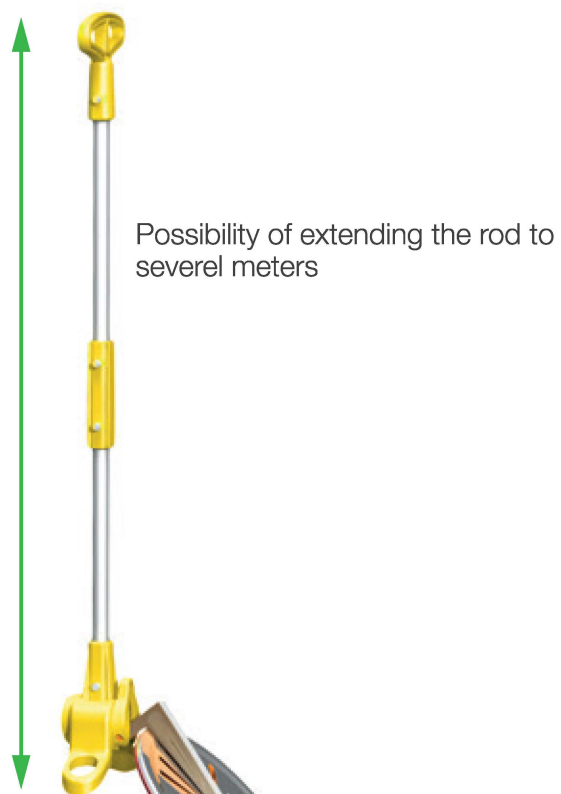


Chamber base with a backwater valve

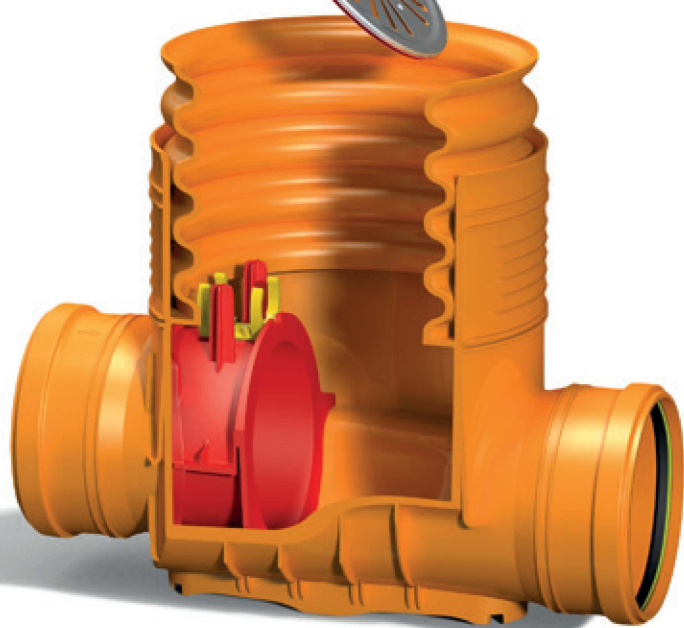
Principle of operation

The phenomenon of sewage backflow causes regression of water into the building and flooding of low-lying areas. It can be caused by intense rainfall, thaw or flood. During normal operation of the chamber with a backwater valve sewage flows freely, lifting the loosely hanging flap of the device. When there is a reverse flow, it is stopped by the flap which securely seals to the head of the backwater valve. This process takes place completely automatically. The flap is fixed to the chromium nickel extension rod with a handle on the end. This enables easy removal of the unit from the well for the purpose of inspection and maintenance. After the inspection we easily put the mobile unit back in its place in the well by means of the rod.





The flap is permanently fixed to the chromium-nickel extension rod



Easy to use snap-on system

