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# PE STORAGE TANKS AQF

Operation and installation manual



# Installation and Operation Manual for Plastic Storage Tanks AQF

## 1. TRANSPORT AND STORAGE

When storing and transporting the PE storage tanks, care must be taken to ensure that the tanks are not damaged by placing them on sharp objects such as nails, steel chips, etc. Avoid pushing the tanks over rough floors. Dirty tanks can be cleaned with water. The tanks must not be subjected to improper use on the construction site.

## 2. SETUP AND INSTALLATION

Before installing and before filling, the containers should be checked for contamination inside and cleaned if necessary. The tanks are installed horizontally on smooth, stable ground. The container bottom stands completely on the surface. Ensure that the tanks are set up so that they cannot tip over and that there is sufficient distance from the wall. Building regulations must be observed.

### 2.1 BOTTOM CONNECTING PIPE AQF 570 - 1000

AQF containers are equipped with a S 56x4 outlet (AQF 570 and 690 two of those) for mounting lower connection (971765) or stop cock (971640) or only the adapter (72176). The battery set-up accessories kit means the storage volume can be enlarged as required.

### 2.2 STORAGE OF WATER

Plastic storage tanks AQF are made of high-quality polyethylene (HD-PE) and are properly suitable for drinking water and process water.

HD-PE is physiologically safe and complies with the guideline for domestic installations and the recommendation for drinking water installations.



### 3. OPERATION MANUAL

No impermissible stresses may be transferred to the tank wall by connected pipes. The containers are designed for products with a density of up to 1.15 kg per dm<sup>3</sup>. Filling the tank with alternative type liquid is to be avoided. The containers are designed for pressureless operation. Therefore make sure that the vessels are sufficiently ventilated during operation. Storage container type PE-AQF are designed for continuous temperatures of max. 35°C; peak temperatures of the stored product of 40°C are only admissible if the material cannot heat up considerably above 35°C. Certificates and ordinances regulations must be observed.

The safety of the tanks is only guaranteed if the conditions of this manual and the legal regulations are observed and the installation is carried out by a specialist company. This company confirms the proper installation on the acceptance certificate.

## Possible accessories:

### BATTERY SET-UP:

971765 AQF connecting pipe



### EINZELAUFSTELLUNG:

72176

Adaptor

1 ½ inch

971640

Stopcock

with adaptor 1 ½"



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These installation and operations apply to storage containers:

AQF 570	Article number	61206 and 61200
AQF 690	Article number	61216 and 61210
AQF 750	Article number	61176
AQF 1000	Article number	61196
AQF 1500	Article number	61261
AQF 2000	Article number	61265



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The screenshot shows the DEHOUST website interface. At the top, there is a navigation bar with the DEHOUST logo and links for 'Unternehmen', 'Produkte', 'Download', 'Presse', and 'Kontakt'. The 'Kontakt' link is circled in orange. Below the navigation bar, there is a main content area with a header image of blue and white storage tanks. The main content area is titled 'PE Lagerbehälter' and lists several product models with their specifications and prices. The products listed are:

- AQF 570 blau mit Deckel Anschlüssen E 50x4
- AQF 690 blau mit Deckel Anschlüssen S 50x4
- AQF 750 blau mit Deckel Anschlüssen S 50x4
- AQF 1000 blau mit Deckel Anschlüssen S 50x4

Below the product listings, there is a 'Service-Hotline' section with the phone number '+49 1805 / 970200'. To the right of the product listings, there is a text box that reads: 'Storage tanks made of HE-PE complies with the DVGW certification W270 for drinking water storage.'