



EUROWATER

A GROUP OF CO-OPERATING EUROPEAN WATER TREATMENT SPECIALISTS

CUSTOMER INFORMATION

SERVICE REGENERATED MIXED-BED TYPE P61-F, P62-F & P602-F

- DEMINERALISED WATER OF FIRST QUALITY
- WHEN EXHAUSTED THE RESIN IS REGENERATED AT OUR WORKSHOP
- NO HANDLING OF CHEMICALS ON THE SITE OF INSTALLATION
- SIMPLE CONSTRUCTION AND EASY TO OPERATE



TYPE P62-F

SERVICE REGENERATION

The system is based on regeneration carried out at EUROWATER's regeneration station. The newly regenerated resin is sent in filter tanks, which are returned to regeneration, when the capacity is exhausted. Continuous operation demands two sets of filter tanks.

APPLICATION

A service regenerated mixed-bed plant is used by customers who need demineralised water of the finest quality, and who want to avoid regeneration of the plant with acid and lye. Mixed-bed plants are used for polishing of water, which has already been demineralised.

THEORY OF OPERATION

The filter tanks contain a mixture of charged cation and anion exchangers. When the water is passing through the ion exchangers, the residual content of salts in the water is exchanged with hydrogen and hydroxide ions. Result: salt free water of the finest quality.

PLANT CONSTRUCTION

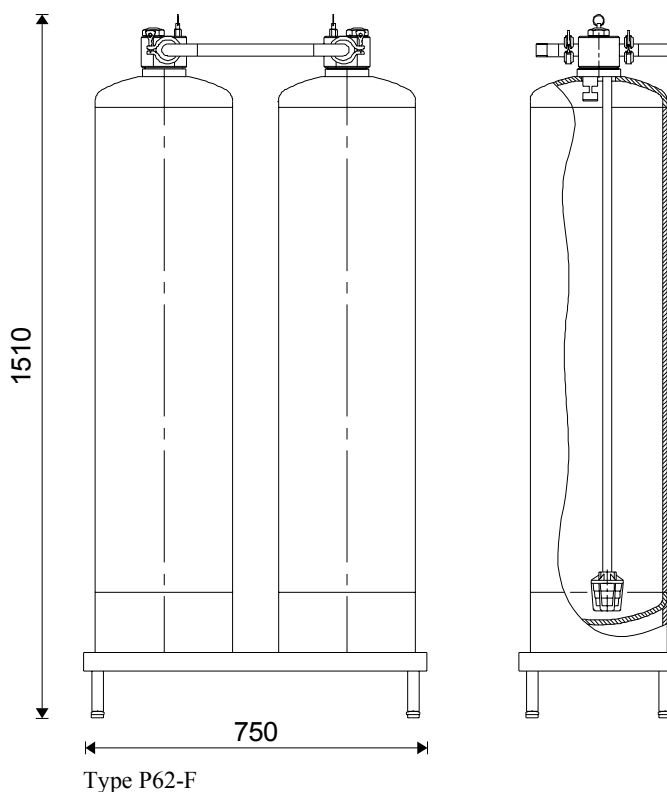
A mixed-bed plant, type P62-F and P602-F, consists of two serial connected filter tanks mounted on a stainless skid. The tanks are inside and outside surface treated with polyethylene. Connection to the stationary pipe installation is made by means of stainless fittings.

WATER QUALITY

The main part of the regenerated ion exchangers is able to supply water with a conductivity below 0.1 $\mu\text{S}/\text{cm}$ at a temperature of 10°C.

CAPACITY

The capacity per regeneration is found by dividing the basic capacity with the salt content – expressed in equivalent hardness – of the demineralised water.



SPECIFICATIONS

Type	Flow m^3/h	Basic capacity At 1 °GH	Basic capacity At 1 mval/l	Max. operation pressure Bar	Max. temperature °C	Connections Stainless	Weight, app. Kg
P61-F	2	75	27	6	35	3/4"	150
P62-F	2	150	54	6	35	3/4"	250
P602-F	6	500	180	6	35	1 1/4"	700

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