



cleaning
systems
for liquids

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→ Safety collecting tub: as option available

▶ UC 1

Ultrafiltration to the care and service life extension of defatting and cleaning baths. To splitting most different resulting process media

| UC 1 | Unit | Value |
|--|---------|----------|
| Capacity | | |
| Process tank | ca. l | 500 |
| Rinsing tank | ca. l | 50 |
| Dimensions | | |
| Length | mm | 1700 |
| Breadth | mm | 1350 |
| Height | mm | 2150 |
| Weight | kg | 650 |
| Capacity, Permeate | L/h | 50-300 |
| Suction height | m | 2 |
| Heating element rinsing tank | kW | 3 |
| pH-value | pH | 4 - 13 |
| Temperature | °C | < 65 |
| Compressed air supply | bar | min. 6 |
| Electrical connection | V / A | 400 / 16 |
| 3 Phasen, N und Ground | Hz | 50 |
| Connected load | kW/A | 8/16 |
| Safety collection tub as option available | L in mm | 1700 |
| The dimensions of the plant change as follows: | B in mm | 1350 |
| | H in mm | 2350 |

Components:

Housing

Compact construction with self-supporting solid welded structure from 3 mm sheet steel

Pore size of the quadrature-axis component of current-filter

Alternatively 0,1 – 0,05 µm (ceramic)
Operating pressure: 2 - 5 bar

Connections

Supply: thread 1" IG
Permeate recirculation: tread ½" IG
Emptying: thread 1" ¼" IG
Fresh water: thread ¾" IG
Compressed air: plug nipple DN 7,2

Switch cabinet

Electrical equipment, predominantly Siemens-comp.
Control ET 200 S

Option:

Automatic-operation with operating-panel KTP 600

Option working tank heating 6 kW

The power input increases to 15 kW/30 A.
The connection for power supply increases to 400V/30A.
Actual consumption < 2,2kW

Option Filter system (as pre-filter)

Single filter 350 µm made of special steel

Option Overflow safety device process tank

The plant has a float switch as overflow safety device into the process tank. In the automatically operation a safety device must be installed, in order to avoid overfills.

Option safety collection tank

Documentation

Operation manual , wiring diagram

Technical changes reserved

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