



cleaning  
systems  
for liquids

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## ► UC 4

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

UC 4	Unit	Value
Capacity		
Process tank	ca. l	900
Rinsing tank	ca. l	100
Dimensions		
Length	mm	2200
Breadth	mm	2000
Height	mm	2300
Weight	kg	850
Capacity, Permeate	L/h	200-1200
Suction height	m	2
Heating element rinsing tank	kW	3
pH-value	pH	4 - 13
Temperature	°C	<90
Compressed air supply	bar	Max 17
Electrical connection	V / A	400 / 35
3 Phasen, N und Ground	Hz	50
Connected load	kW/A	18/45
Safety collection tub as option available	L in mm	2200
The dimensions of the plant change as follows:	B in mm	2000
	H in mm	2600

### 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 0,2 – 0,01 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

#### Switch cabinet

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

#### Option:

Automatic-operation with operating-panel KTP 600

#### Option working tank heating 9 kW

The power input increases to 27 kW/50 A.  
The connection for power supply increases to 400V/50A.  
Actual consumption < 7,5kW

#### 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 tub

#### Documentation

Operation manual , wiring diagram

Technical changes reserved

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