



cleaning  
systems  
for liquids

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## ▶ ET 50

### Evaporator technology for treatment of industrial waste water

| ET 50             | Unit               | Value    |
|-------------------|--------------------|----------|
| Capacity          | l/h                | 50       |
| Power requirement | kWh/m <sup>3</sup> | from 65  |
| Dimensions:       |                    |          |
| Length            | mm                 | 1950     |
| Bridth            | mm                 | 1260     |
| Height            | mm                 | 2400     |
| Unloaded weight   | kg                 | 2100     |
| Noise level       | dB (A)             | < 72     |
| Mains connection  | right turning      |          |
| Voltage           | 3x400V/N/PE        |          |
| Frequency         | Hz                 | 50       |
| Amperage          | A                  | 52       |
| Connection power  | kW                 | 32       |
| Air ammount       | NI/min             | 100      |
| Air ammount max.  | NI/min             | 300      |
| Media temprature  | °C                 | 10 - 60  |
| pH-Value          | pH                 | 6,5 - 11 |

#### Components:

##### Housing

Welded steel tube frame complete cased  
All components reachable by big doors  
Lacquer: Frame and doors NCS-S 2010-R70B  
Isolated against heat and noise  
Integrated drip pan with leakagedetection  
Adjustable mounting foot with vibration damper

##### Medium-affected parts

stainless steel 1.4404 and 1.4571

##### Medias

Feed via separate bag filter unit  
Distillate discharge via integrated pump  
Concentrate discharge via integrated discharge tank

##### Preheating exchanger

2 plate exchanger for preheating of dirty water through  
distillate and exhaust air

##### Mechanical defoaming agent

By the patented instruments it can be dispensed  
predominately on chemicals (defoamer).

##### Compressor

NI-Resist Roots blower with automatic power control

##### Integrated coalescence separator

For separation of light-boiling for optimum  
distillate quality





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### **Control/Visualization**

Siemens S7-1500, 9" Widescreen TFT  
Automatic control for operation, idling and  
switching to cleaning  
integrated warning and alert system

### **Connections**

See separate data sheet

### **Options**

#### **- CIP-Cleaning**

integrated automatic cleaning of the  
heat exchanger surfaces

#### **- Remote maintenance by modem**

### **Documentation**

- Operation manual, incl. Electrical-wiring diagram on paper
- Spareparts and drawings digitalized

Technical changes reserved

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