



CATALOGUE PRODUCTS

DEMI

**SERIES OF EQUIPMENTS OF REVERSE OSMOSIS
FOR PREPARE OF VERY PURE WATER**

ver. 002-04/12/2003 ANG



DEMI

DEMI

Demistations of type series DEMI are designed for demineralized water production. No chemicals are used, therefore problems with waste water neutralization are eliminated.

Demineralization of inlet raw water proceeds on reverse osmosis principle. Mechanical impurities in raw water are entrapped with filter wgich is part of basic equipment. Water pre-treatment for RO is solved individually and completed with particular equipments according to specific composition of raw water.

Inlet medium is drinking water acc. to Council directive 80/778/ECC, or possibly water specified by client.

Demistation are supplied in two versions:

1. Basic model
 - apparatus without controlling measuring microprocessor unit
 - Floor type only without outer steel-sheet covering
2. Fully automatic operation with microprocessing control system

Utility areas:

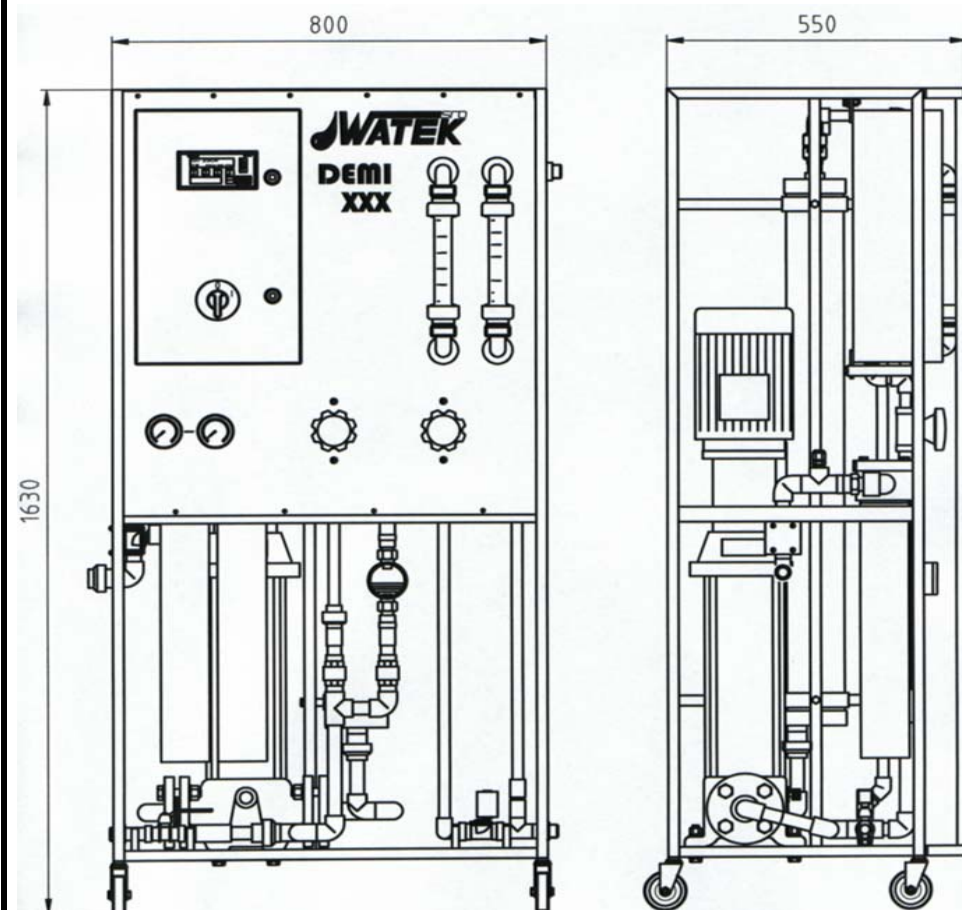
- chemical industry
- galvanizing plants
- neutralizing stations
- food-stuff industry
- boiler houses

**SERIES OF EQUIPMENTS OF REVERSE SOMOSES
FOR PREPARE OF VERY PURE WATER**



DEMI 100 - 800 S

Equipments with control system SIEMENS (possibility external operating)



Output	100 - 800 l/h
Product - remove of salt 95 - 99%	cca 8 - 30 $\mu\text{S}/\text{cm}$
Dimensions	800 x 550 x 1630 mm
Inlet water minimum pressure	0,3 MPa
Inlet water temperature	5 - 25°C
Electricity	3 x 230V/400V
Power of supply	2,2 - 4 kW

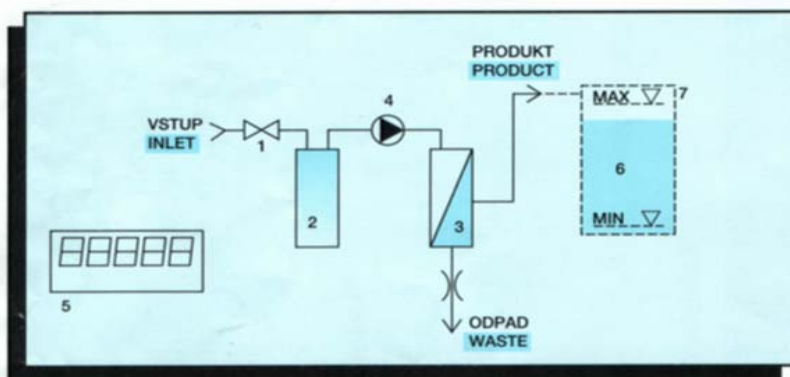
Spare parts:

Inlet solenoid valve	1 ks
Mechanical filtration - VFV	4 ks
Reverse osmoses - RO module	1 - 4 ks
Pump	1 ks

Input water shall meet qualitative requirements for the operation of reverse osmotic equipment or it shall be suitably pre-treated to meet these requirements.

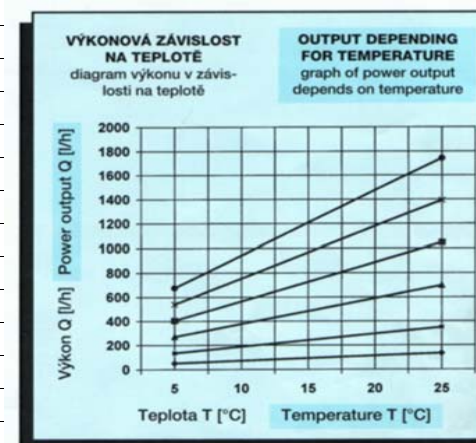
The demistation **DEMI S** is a fully automatic equipment with a microprocessor control system. The equipment is made of plastic materials and stainless steel, the frame and covers are made of 11-grade steel protected with paint. All main parts of the equipment are fitted on the frame and covers.

The device is designed for the operation in the normal environment according to the standard ČSN 33 2000-5-51.



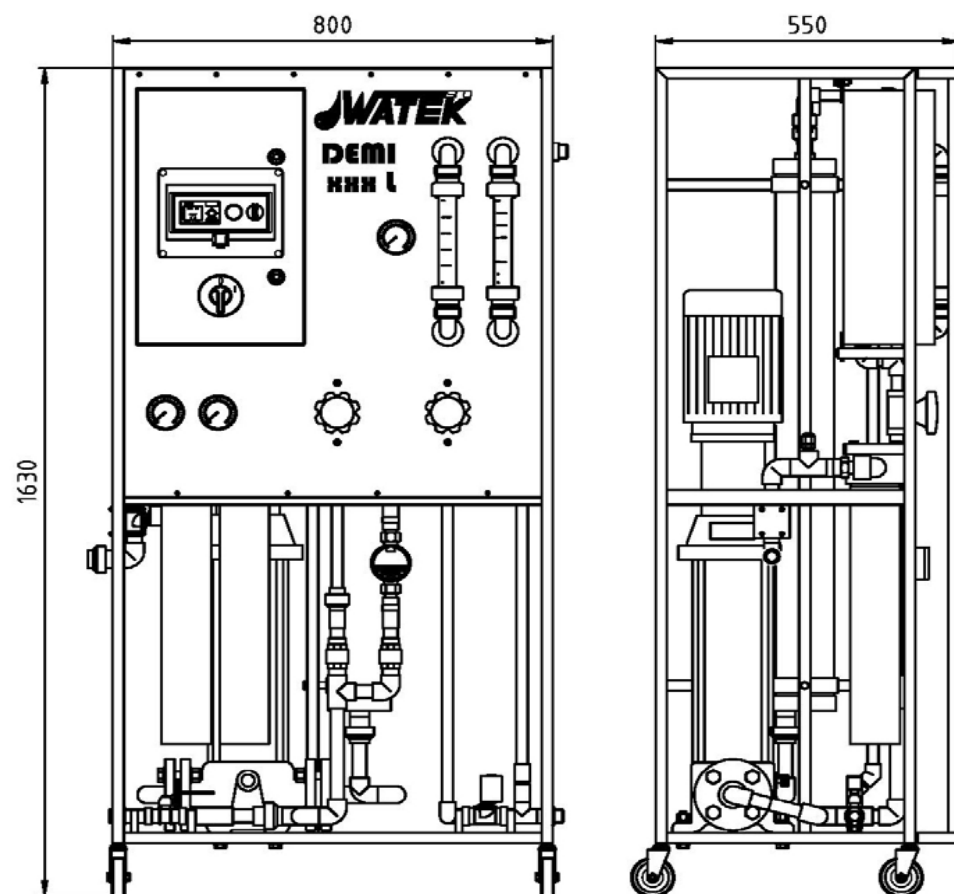
Control system SIEMENS:

- possibility of external output
- better display
- working pressure imagery on display
- better operating in hand mode



DEMI 100 - 800 L

ECONOMIC VARIATION - Equipments with control system LOGO



Output	100 - 800 l/h
Product - remove of salt 95 - 99%	cca 8 - 30 $\mu\text{S}/\text{cm}$
Dimensions	800 x 550 x 1630 mm
Inlet water minimum pressure	0,3 MPa
Inlet water temperature	5 - 25°C
Electricity	3 x 230V/400V
Power of supply	2,2 - 4 kW

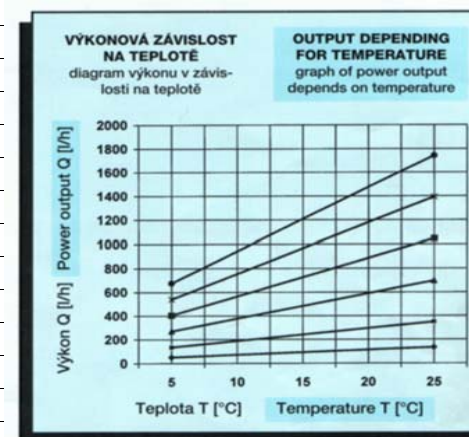
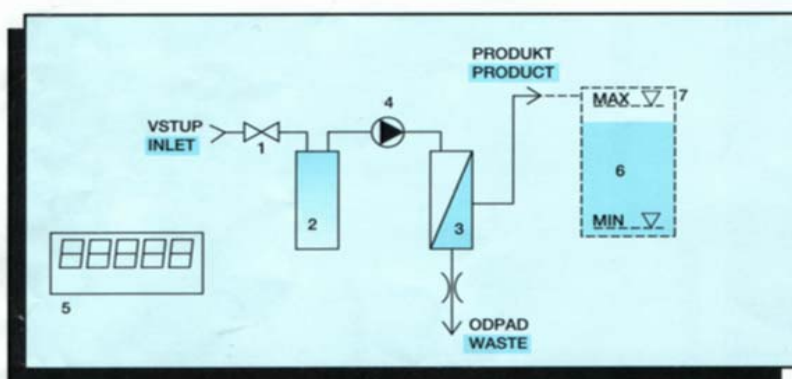
Spare parts:

Inlet solenoid valve	1 ks
Mechanical filtration - VFV	4 ks
Reverse osmoses - RO module	1 - 4 ks
Pump	1 ks

Input water shall meet qualitative requirements for the operation of reverse osmotic equipment or it shall be suitably pre-treated to meet these requirements.

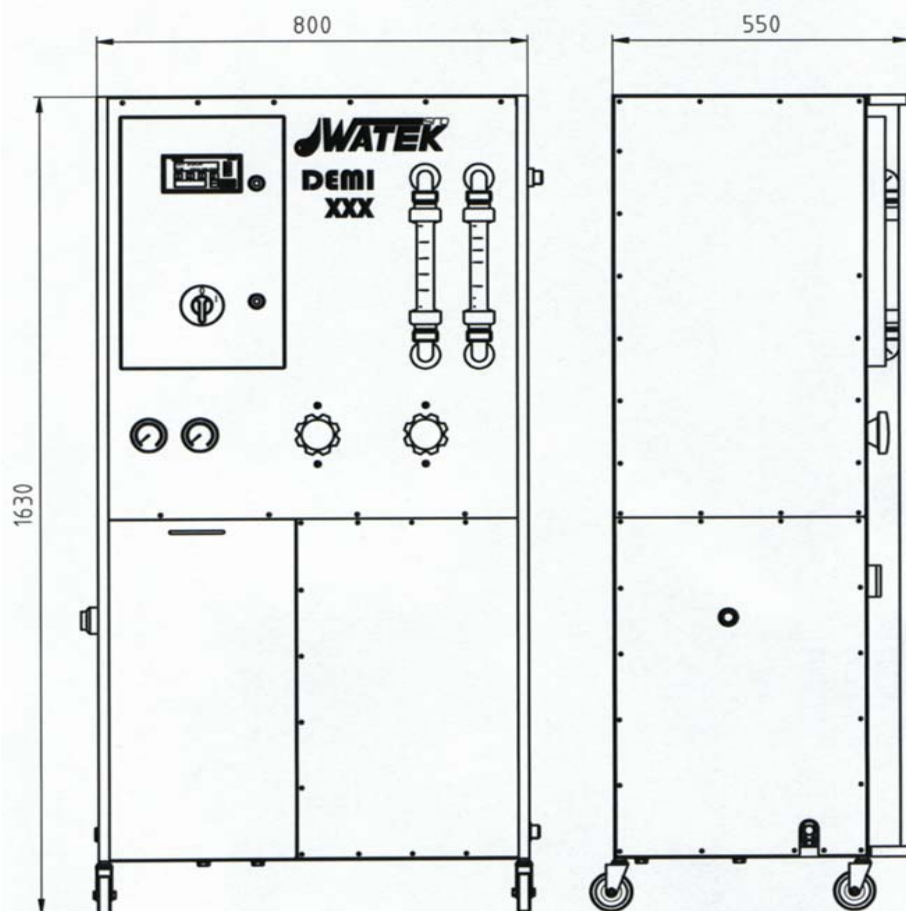
The demistation **DEMI L** is a fully automatic equipment with a microprocessor control system. The equipment is made of plastic materials and stainless steel, the frame and covers are made of 11-grade steel protected with paint. All main parts of the equipment

The device is designed for the operation in the normal environment according to the standard ČSN 33 2000-5-51.



DEMI 100 - 800 SP

Equipments with control system SIEMENS (possibility external operating) - With flashing of front, top and side



Output	100 - 800 l/h
Product - remove of salt 95 - 99%	cca 8 - 30 μ S/cm
Dimensions	800 x 550 x 1630 mm
Inlet water minimum pressure	0,3 MPa
Inlet water temperature	5 - 25°C
Electricity	3 x 230V/400V
Power of supply	2,2 - 4 kW

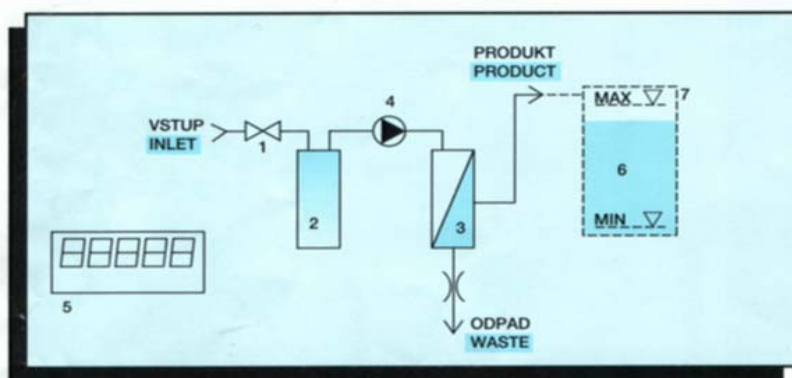
Spare parts:

Inlet solenoid valve	1 ks
Mechanical filtration - VFV	4 ks
Reverse osmoses - RO module	1 - 4 ks
Pump	1 ks

Input water shall meet qualitative requirements for the operation of reverse osmotic equipment or it shall be suitably pre-treated to meet these requirements.

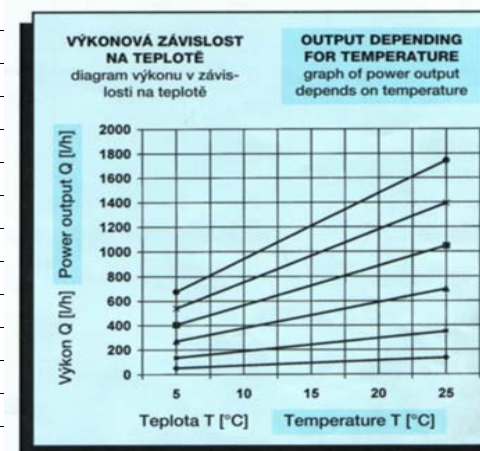
The demistation **DEMI S** is a fully automatic equipment with a microprocessor control system. The equipment is made of plastic materials and stainless steel, the frame and covers are made of 11-grade steel protected with paint. All main parts of the equipment are fitted on the frame and covers.

The device is designed for the operation in the normal environment according to the standard ČSN 33 2000-5-51.



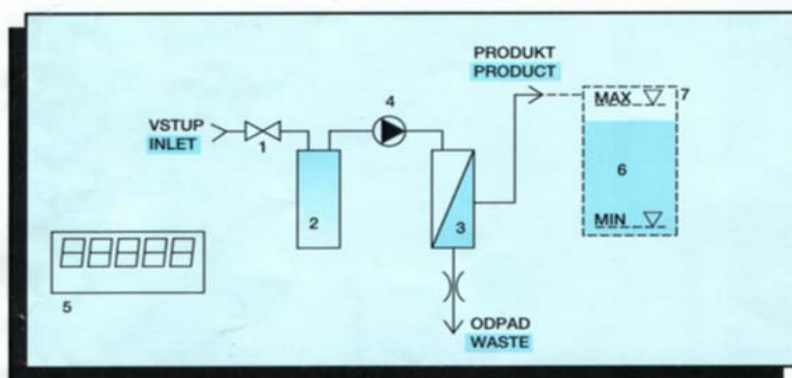
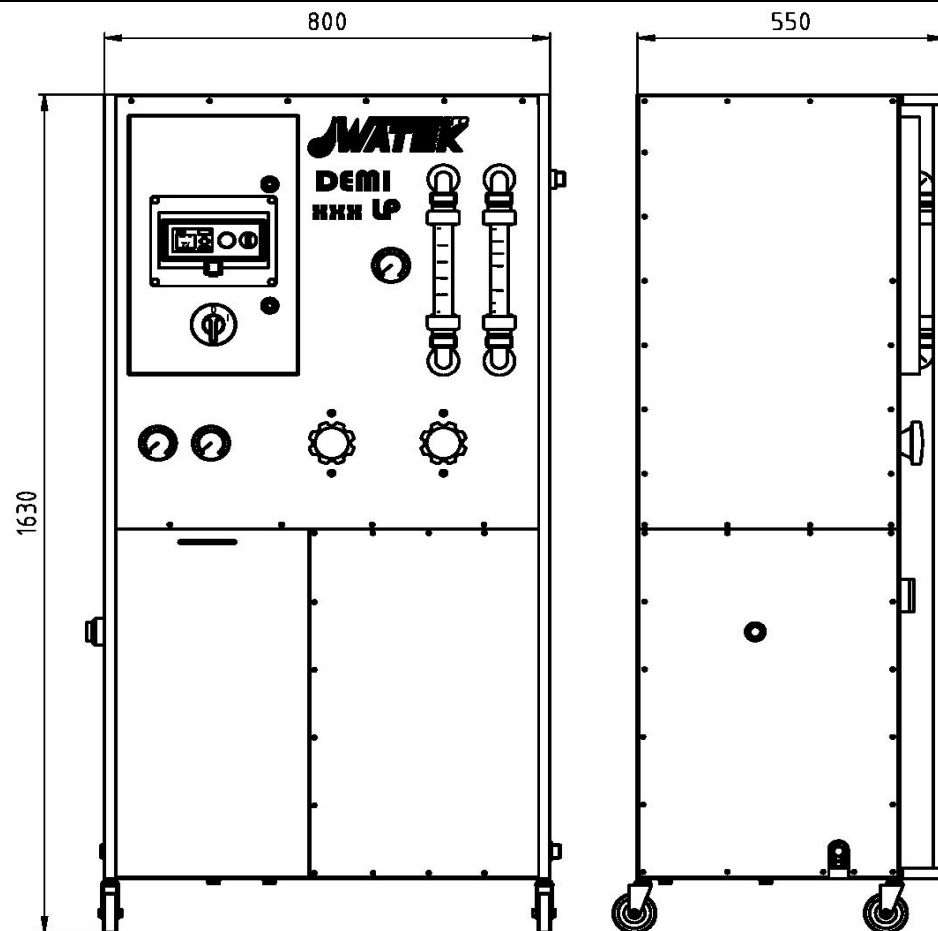
Control system SIEMENS:

- possibility of external output
- better display
- working pressure imagery on display
- better operating in hand mode



DEMI 100 - 800 LP

ECONOMIC VARIATION - Equipments with control system LOGO - With flashing of front, top and side



Output	100 - 800 l/h
Product - remove of salt 95 - 99%	cca 8 - 30 $\mu\text{S}/\text{cm}$
Dimensions	800 x 550 x 1630 mm
Inlet water minimum pressure	0,3 MPa
Inlet water temperature	5 - 25°C
Electricity	3 x 230V/400V
Power of supply	2,2 - 4 kW

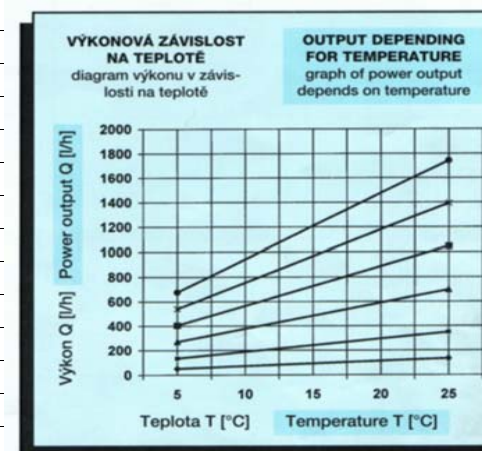
Spare parts:

Inlet solenoid valve	1 ks
Mechanical filtration - VFV	4 ks
Reverse osmoses - RO module	1 - 4 ks
Pump	1 ks

Input water shall meet qualitative requirements for the operation of reverse osmotic equipment or it shall be suitably pre-treated to meet these requirements.

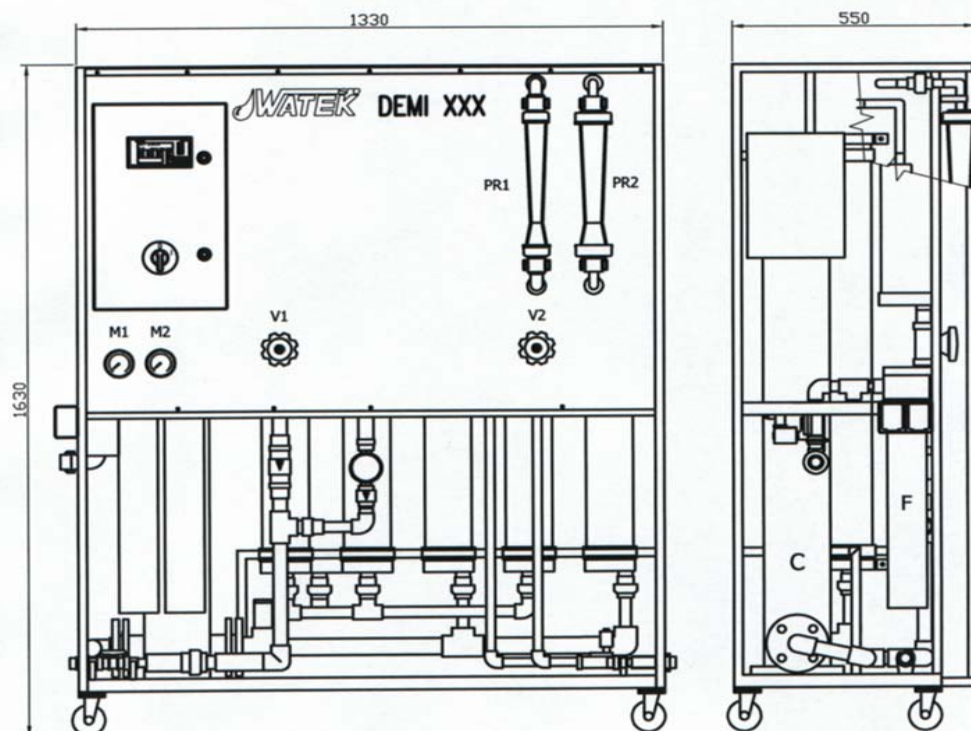
The demistation **DEMI 1** is a fully automatic equipment with a microprocessor control system. The equipment is made of plastic materials and stainless steel, the frame and covers are made of 11-grade steel protected with paint. All main parts of the equipment

The device is designed for the operation in the normal environment according to the standard ČSN 33 2000-5-51.



DEMI 900 - 1500 S

Equipments with control system SIEMENS (possibility external operating)



Output	900 - 1500 l/h
Product - remove of salt 95 - 99%	cca 8 - 30 $\mu\text{S/cm}$
Dimensions	1330 x 1630 x 550
Inlet water minimum pressure	0,3 MPa
Inlet water temperature	5 - 25°C
Electricity	3 x 230V/400V
Power of supply	4 kW

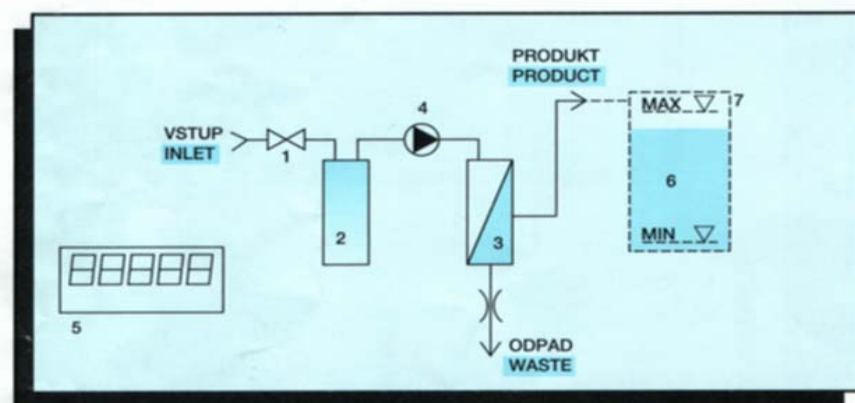
Spare parts:

Inlet solenoid valve	1 ks
Mechanical filtration - VFV	4 ks
Reverse osmoses - RO module	5 - 10 ks
Pump	1 ks

Input water shall meet qualitative requirements for the operation of reverse osmotic equipment or it shall be suitably pre-treated to meet these requirements.

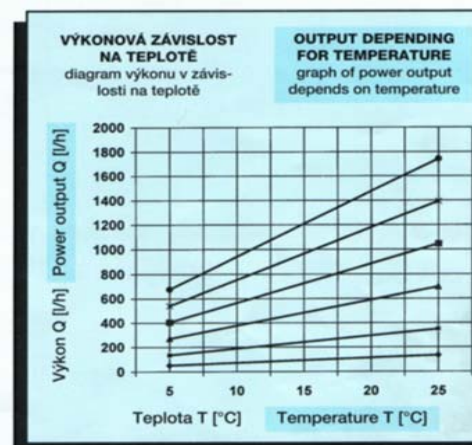
The demistation **DEMI S** is a fully automatic equipment with a microprocessor control system. The equipment is made of plastic materials and stainless steel, the frame and covers are made of 11-grade steel protected with paint. All main parts of the equipment are fitted on the frame and covers.

The device is designed for the operation in the normal environment according to the standard ČSN 33 2000-5-51.



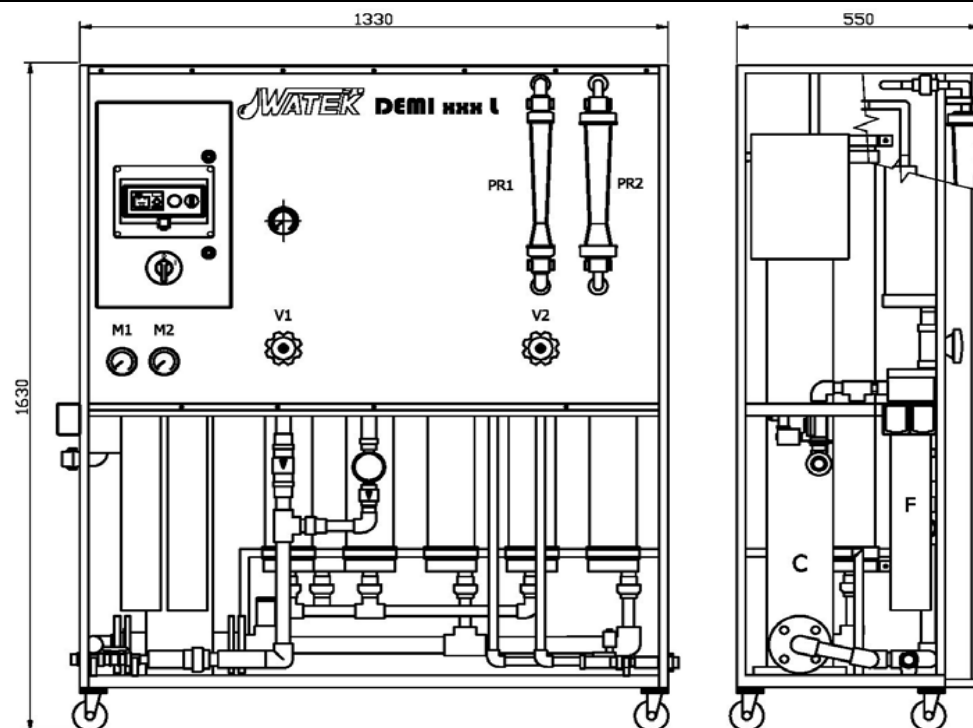
Control system SIEMENS:

- possibility of external output
- better display
- working pressure imagery on display
- better operating in hand mode



DEMI 900 - 1500 L

ECONOMIC VARIATION - Equipments with control system LOGO



Output	900 - 1500 l/h
Product - remove of salt 95 - 99%	cca 8 - 30 $\mu\text{S/cm}$
Dimensions	1330 x 1630 x 550
Inlet water minimum pressure	0,3 MPa
Inlet water temperature	5 - 25°C
Electricity	3 x 230V/400V
Power of supply	4 kW

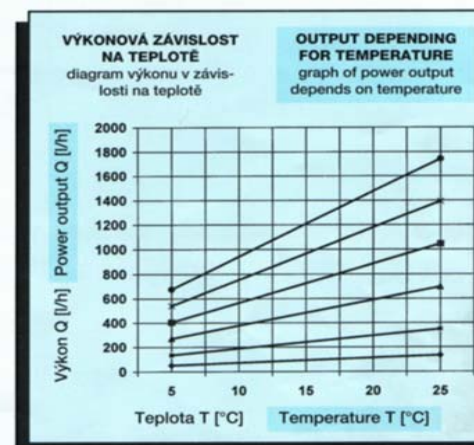
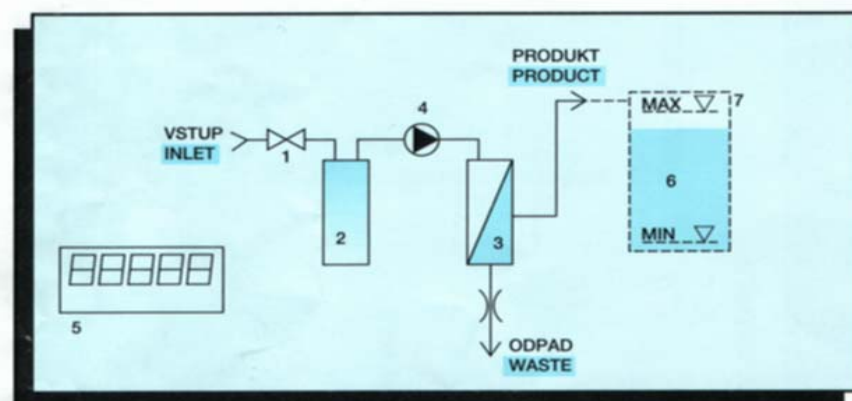
Spare parts:

Inlet solenoid valve	1 ks
Mechanical filtration - VFV	4 ks
Reverse osmoses - RO module	5 - 10 ks
Pump	1 ks

Input water shall meet qualitative requirements for the operation of reverse osmotic equipment or it shall be suitably pre-treated to meet these requirements.

The demistation **DEMI S** is a fully automatic equipment with a microprocessor control system. The equipment is made of plastic materials and stainless steel, the frame and covers are made of 11-grade steel protected with paint. All main parts of the equipment are fitted on the frame and covers.

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DEMI

Equipments of series *DEMI* with other output is upon request

(Possibility complement by EDI, UV lamp, microbial filter). Pressure water with the minimum pressure of 0.25 MPa is the feeding medium. Input water shall meet qualitative requirements for the operation of reverse osmotic equipment or it shall be suitably pre-treated to meet these requirements.

The equipment is made of plastic materials and stainless steel, the frame and covers are made of 11-grade steel protected with paint. All main parts of the equipment are fitted on the frame and covers.

Input water shall meet qualitative requirements for the operation of reverse osmotic equipment or it shall be suitably pre-treated to meet these requirements.

Output	2000 - ??? l/h
Product - remove of salt 95 - 99%	do 4,3 μ S/cm
Dimensions	individual
Inlet water minimum pressure	0,25 MPa
Inlet water temperature	15 - 25°C
Electricity	3 x 230V/400V
Power of supply	individual

Spare parts:

Mecahnical filtration	
Reverse osmoses	
EDI	
UV lamp	
Mechanical filtration	
Flowmeter	
Eelectromagnetic and membrane valve	
Pump	





Ledeč nad Sázavou

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