

the world begins with water  
and we make it pure



## Traditional Quality

For over 20 years, our partners across the Globe have been using Livam equipment in research and medicine labs, in science and various industries. Livam GmbH designs and manufactures reliable water treatment devices.

All units have CE mark and comply with valid European standards.

Livam Water Stills operate highly economically due to distilling heated cooling water. Units are reliable, easy to maintain, user and service friendly.

Our Stills produce low gas, ultra pure, pyrogen-free distillate with very low conductivity.

Livam GmbH is a full cycle manufacturer of wide range of Double Stills, Reagent Water (type I and type II) Generating Systems, Water Deionizers and Stills with production capacities ranging from 1 to 210 liters per hour.

High quality of Livam units is maintained in accordance with international standards and certified as per ISO 9001:2015.

Join our long history for your best experience of being a partner of Livam.

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Livam GmbH



# AE series Water Stills

Electrical conductivity of distillate: **2,0-2,2**  $\mu\text{S}/\text{cm}$   
Designed for production of distilled water (non-pyrogenic)



## Water Still AE-25

- Body and main parts are made of high-alloy Stainless Steel AISI 321
- Automatic water level control in evaporation chamber. Automatic low water shutdown
- Energy and water saving system
- CO2 degassing system
- A separate circuit water feed modification allows separate water feeding for evaporation and cooling
- A double shell protects operating personnel from thermal burns and contact with working elements
- A removable cooler enables distillate cooling. The cooler can be mounted directly to the body of the distiller
- Demountable design of condensation chamber allows visual inspection of scale formation, easy sediment cleaning, easy maintenance and repair
- Distiller can be combined with a purified water tank into an automatically operating single system
- The unit can be placed on horizontal surface or can be mounted to a wall. The wall bracket is optional
- Standard set includes a spare heating element, spare electrode of the water level sensor, supply water hoses and distillate collection hoses, the connecting clamps
- Lifetime: above 8 years, warranty period: 12 months

## Technical Data

Model Order No	Capacity L / h	Cooling water requirement L / h approx	Exterior dimensions mm approx			Electrical connection		Weight kg approx.		Packing volume approx m <sup>3</sup>
						Voltage, V (50...60 Hz)	Power consumption kW	net	gross cardboard box	
AE-4	4	30	260	215	370	230	3,0	6,5	9	0,05
AE-5	5	36	260	215	370	230	3,5	6,5	9	0,05
AE-10	10	75	335	275	460	400	7,2	11	15	0,09
AE-15	15	110	335	275	460	400	9,0	11	15	0,09
AE-25	25	220	365	310	580	400	16,2	16	20	0,13

# AE series Water Stills

## with built-in distillate storage tank

Electrical conductivity of distillate: **2,0-2,2**  $\mu\text{S}/\text{cm}$   
Designed for production of distilled water (non-pyrogenic)  
followed by its accumulation in the built-in storage tank



- Body and main parts are made of high-alloy Stainless Steel AISI 321
- Automatic water level control in evaporation chamber
- Stainless steel panels protect operating personnel from thermal burns and contact with working elements
- Dismountable design of condensation chamber allows visual monitoring of scale formation, easy sediment cleaning, ease of maintenance and repair
- Small dimensions and weight in comparison with analogues
- Low water consumption to produce 1 liter of distilled water
- Very high quality distillate
- Fully automatic Control System:
  - regulates amount of water for evaporation
  - stops water and electricity supply when water tank is full
  - turns on when distillate is drawn off from the storage tank
- Energy and water saving system
- Power connection cable with shockproof plug
- A standard set includes a spare tubular electric heater, a spare electrode of the water level sensor, supply water hoses and distillate collection hoses, connecting clamps
- Lifetime: above 8 years, warranty period: 12 months

### Water Still AE-10/20

#### Technical Data

Model Order No	Capacity L / h	Tank, L	Cooling water requirement L / h approx	Exterior dimensions mm approx			Electrical connection		Weight kg approx.		Packing volume approx m <sup>3</sup>
				Width	Depth	Height	Voltage, V (50...60 Hz)	Power consumption kW	net	gross cardboard box	
<b>AE-4/8</b>	4	8	30	320	290	570	230	3,0	13,5	16	0,1
<b>AE-10/20</b>	10	20	75	425	425	775	400	7,2	22,8	37	0,3



# BE series Double Distillation Water Stills

Electrical conductivity of bi-distillate: **1,0-1,2**  $\mu\text{S}/\text{cm}$

Production of distilled and double-distilled water

Designed for production of distilled water (non-pyrogenic)



- Automatic water level control in evaporation chamber
- Body and main parts are made of high-alloy Stainless Steel AISI 321
- Stainless steel panels protect operating personnel from thermal burns and contact with working elements
- Built-in cooler chills double-distillate to a maximum temperature of  $+40^{\circ}\text{C}$
- Energy saving system
- Demountable design of condensation chambers allows visual inspection of scale formation, easy sediment cleaning, easy of maintenance and repair
- Standard set includes a spare heating element, spare electrode of the water level sensor, supply water hoses and distillate collection hoses, the connecting clamps.
- Connection through mains connection cable with shock-proof type plug
- Lifetime: above 5 years, warranty period: 12 months
- Reagents can be placed in evaporation chamber at 2nd distillation phase for distillation with them

## Water Still BE-4

### Technical Data

Model Order No	Capacity L / h	Cooling water requirement L / h approx	Exterior dimensions mm approx			Electrical connection		Weight kg approx		Packing volume approx $\text{m}^3$
			Width	Depth	Height	Voltage, V (50...60 Hz)	Power consumption kW	net	gross cardboard box	
<b>BE-2</b>	2	44	470	280	300	230	3,3	14,5	16	0,09
<b>BE-4</b>	4	88	550	360	400	230	6,2	16,5	21	0,12

## Reagent grade water generation system

Electrical conductivity of distillate: **0.8-1.0**  $\mu\text{S}/\text{cm}$



### Reagent grade water generation system UPVA-25

- UPVA can be combined with a purified water tank into an automatically operating single system
- It can be placed on horizontal surface or can be mounted to a wall

#### Technical Data

Model Order No	Capacity L / h	Raw water consumption L / h approx	Exterior dimensions mm approx			Electrical connection		Weight kg approx.		Packing volume approx m <sup>3</sup>
			Width	Depth	Height	Voltage, V (50...60 Hz)	Power consumption kW	net	gross cardboard box	
UPVA-5	5	36	424	417	454	230	3,6	20	26	0,17
UPVA-15	15	110	550	500	625	400	9,1	39	56	0,37
UPVA-25	23	180	660	550	760	400	16,3	50	72	0,47

- The device is designed for production of ultra pure non-pyrogenic reagent grade water (type II) with a very low content of inorganic, organic or colloidal contaminants
- Multi-stage cleaning system
- High distillate quality
- Body and main parts are made of high-alloy Stainless Steel AISI 321
- Automatic water level control in evaporation chamber
- Energy and water saving system
- Stainless steel panels protect operating personnel from thermal burns and contact with working elements
- Demountable design of condensation chamber allows visual inspection of scale formation, easy sediment cleaning, easy maintenance and repair
- CO2 degassing system
- Power connection cable with shock-proof type plug
- Standard set includes a spare heating element, spare electrode of the water level sensor, supply water hoses and distillate collection hoses, the connecting clamps
- Lifetime: above 8 years, warranty period: 12 months



## Reagent grade water generation system

Electrical conductivity of distillate: approx. **0.05**  $\mu\text{S/cm}$



### Reagent grade water generation system UPVA-5-1

- Demountable desktop design of condensation chambers allows visual inspection of scale formation, easy sediment cleaning, easy maintenance and repair
- It can be placed on horizontal surface

- The system is designed for production of ultra pure non-pyrogenic reagent grade water (type I) with a very low content of inorganic, organic or colloidal contaminants. It works directly from tap water
- Multi-stage cleaning system
- Water quality control in real time
- The possibility of obtaining water type II
- Very high distillate quality
- Body and main parts are made of high-alloy Stainless Steel AISI 321
- Automatic water level control in evaporation chamber
- Low water shutdown, to protect the heating element in case of low water
- Energy and water saving system through distillation of the heated cooling water
- CO<sub>2</sub> degassing system
- Power connection cable with shock-proof type plug
- Standard set includes a spare heating element, spare electrode of the water level sensor, supply water hoses and distillate collection hoses, the connecting clamps, spare sets of preliminary filters and cartridges
- The unit can be combined with a purified water tank into an automatically operating single system
- Lifetime: above 8 years, warranty period: 12 months

### Technical Data

Model Order No	Capacity L / h	Raw water consumption L / h approx	Exterior dimensions mm approx Width Depth Height			Electrical connection		Weight kg approx.		Packing volume approx m <sup>3</sup>
						Voltage, V (50...60 Hz)	Power consumption kW	net	gross cardboard box	
UPVA-5-1	5	40	670	470	490	230	3,6	35	56	0,32

# ADE series Water Stills

Electrical conductivity of distillate: **2,8-3,0**  $\mu\text{S/cm}$



**Water Still ADE-50**

- The device is designed for production of distilled water
- Body and main parts are made of high-alloy Stainless Steel AISI 321
- Automatic water level control in evaporation chamber
- Energy and water saving system
- Stainless steel panels protect operating personnel from thermal burns and contact with working elements
- Demountable design of condensation chamber allows visual inspection of scale formation, easy sediment cleaning, easy maintenance and repair
- CO<sub>2</sub> degassing system
- Tubular heating element made of stainless steel
- Power connection cable with shock-proof type plug
- Standard set includes a spare heating element, spare electrode of the water level sensor, supply water hoses and distillate collection hoses, the connecting clamps
- Distiller can be combined with a purified water tank into an automatically operating system
- Automatic shutdown when the water tank is full
- Lifetime: above 8 years, warranty period: 12 months

## Technical Data

Model Order No	Capacity L / h	Cooling water requirement L / h approx	Exterior dimensions mm approx			Electrical connection		Weight kg approx.		Packing volume approx m <sup>3</sup>
			Width	Depth	Height	Voltage, V (50...60 Hz)	Power consumption kW	net	gross cardboard box	
<b>ADE-40</b>	40	320	700	500	800	400	27,0	40	62	0,57
<b>ADE-50</b>	50	380	700	500	800	400	31,5	40	62	0,57



# DE series Water Stills

Electrical conductivity of distillate: **2,5-3,0**  $\mu\text{S/cm}$



- The device is designed for production of distilled water
- Body and main parts are made of high-alloy Stainless Steel AISI 321
- Heating electrodes made of stainless steel, which ensures reliable operation in case of scale formation. Electrodes do not burn out
- Automatic water level control in evaporation chamber
- Automatic low water shutdown
- Energy and water saving system
- Stainless steel panels protect operating personnel from thermal burns and contact with working elements
- Demountable design of condensation chamber allows visual inspection of scale formation, easy sediment cleaning, easy maintenance and repair
- CO<sub>2</sub> degassing system
- Power connection cable with shock-proof type plug
- Standard set includes a spare heating element, spare electrode of the water level sensor, supply water hoses and distillate collection hoses, the connecting clamps
- Power connection cable with shockproof plug
- Lifetime: above 8 years, warranty period: 12 months

## Water Still DE-70

- Distiller can be combined with a purified water tank into an automatically operating system
- Automatic shutdown when the water tank is full

## Technical Data

Model Order No	Capacity L / h	Cooling water requirement L / h approx	Exterior dimensions mm approx			Electrical connection		Weight kg approx.		Packing volume approx m <sup>3</sup>
			Width	Depth	Height	Voltage, V (50...60 Hz)	Power consumption kW	net	gross cardboard box	
DE-40	40	320	560	420	1100	400	26,5	43	66	0,45
DE-50	50	360	560	420	1100	400	30,0	43	66	0,45
DE-70	70	500	740	550	1010	400	42,0	65	95	0,69

# DE series Water Stills

Electrical conductivity of distillate: **3,0-3,5**  $\mu\text{S/cm}$



- The device is designed for production of distilled water
- Body and main parts are made of high-alloy Stainless Steel AISI 321
- Heating electrodes made of stainless steel, which ensures reliable operation in case of scale formation. Electrodes do not burn out
- Automatic water level control in evaporation chamber
- Automatic low water shutdown
- Energy and water saving system
- Stainless steel panels protect operating personnel from thermal burns and contact with working elements
- Demountable design of condensation chamber allows visual inspection of scale formation, easy sediment cleaning, easy maintenance and repair
- CO<sub>2</sub> degassing system
- Power connection cable with shock-proof type plug
- Standard set includes a spare heating element, spare electrode of the water level sensor, supply water hoses and distillate collection hoses, the connecting clamps
- Power connection cable with shockproof plug
- Lifetime: above 8 years, warranty period: 12 months

## Water Still DE-140

- Distiller can be combined with a purified water tank into an automatically operating system
- Automatic shutdown when the water tank is full

## Technical Data

Model Order No	Capacity L / h	Cooling water requirement L / h approx	Exterior dimensions mm approx			Electrical connection		Weight kg approx.		Packing volume approx m <sup>3</sup>
			Width	Depth	Height	Voltage, V (50...60 Hz)	Power consumption kW	net	gross cardboard box	
DE-100	100	750	810	630	1270	400	82,0	82	127	0,88
DE-140	140	1000	810	630	1420	400	88,0	88	135	0,89
DE-210	210	1800	1195	850	1915	400	208,0	208	303	2,58