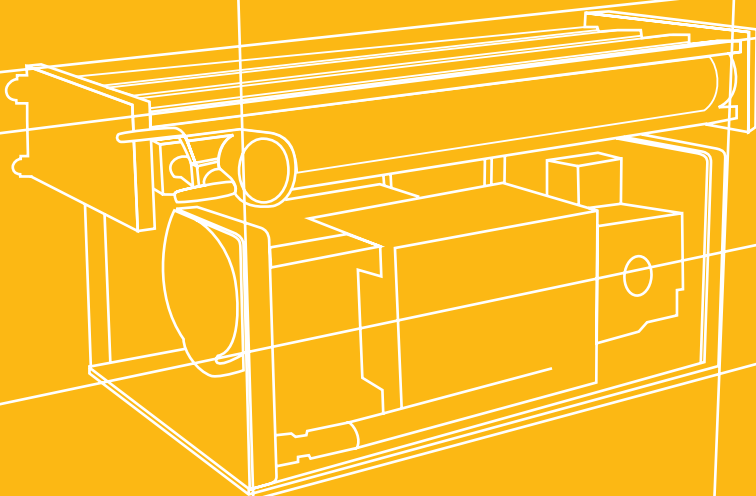




**Simply
fresh water**



From 30 to 300 litres per hour

Aqua-Base® reliability and service

SLCE presents Aqua-Base®, a range of watermakers designed especially for the world of pleasure-boating.

Aqua-Base® design and quality guarantees comfort, ease of use and exceptional durability.

Aqua-Base® simplicity

- . Watermakers supplied either in a frame or in kit form for fitting into any configuration
- . Complete **fitting kit**
- . **Extremely simple** to operate and to install
- . **Easy to operate** control panel
- . **Simplified maintenance**
- . **World-wide technical assistance** and after-sales service network

Aqua-Base® reliability

- . Uncompromising and exacting **design standards**
- . Secure and guaranteed **performance**
- . Top quality **materials** and **components** (high pressure CAT pump, frame made of stainless steel...)
- . Exclusive device for continuous checking of **salinity** with automatic rejection

The mastery of two desalination technologies

- . **Conventional** Aqua-Base® high pressure pump solutions
- . Aqua-Base® **low energy consumption solutions** : patented pressure amplifying and energy recovery device

SLCE gives you the benefit of its recognised experience in reverse osmosis desalination.

Eco range : Energy Recovery ESB and ESW models

In the technology of energy recovery, the high-pressure pump is replaced by a system of hydraulic amplification fed by a unique low-pressure pump.

The Eco range is fully based on this concept, developed, tested and patented by SLCE.

ESB and ESW advantages

- . **Very low electricity consumption**
- . **No adjustments necessary** (operates entirely automatically)
- . **Incredibly silent and vibration-free operation** (no high pressure pump)
- . **Easier installation** (connections are made using low pressure tubing and the machine can be fitted in any position)
- . **Simplified maintenance** (no need to change high pressure pump oil)

Options

- . **Remote control** : Integrates the operating and checking functions of the machine
- . **Automatic Flushing** : Allows automatic fresh water flush of the membranes
- . **Sand Filter** : Improves the primary filtration of the water and prolongs pre-filter life
- . **Dual Voltage** : Allows alternative feed-generator or batteries

Aqua-Base®X

from 30
to 90 l/h

Yachting

Very compact watermakers specifically designed for small boats where available energy and space are limited.

Specifications

- Battery powered or generator
- Low pressure seawater feed pump
- High pressure CAT pump
- High rejection rate membranes
- 5 Micron filter
- High pressure safety switch
- Pressure regulation valve
- High pressure gauges
- Salinometer and automatic waste valve

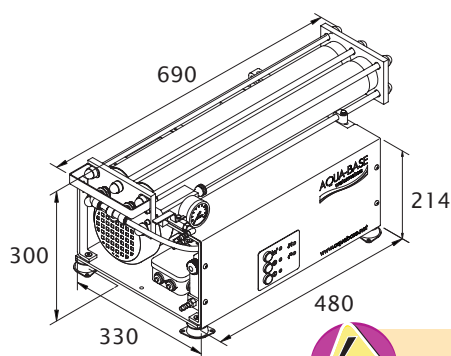


Options

- Remote control
- Automatic flushing
- Separation kit

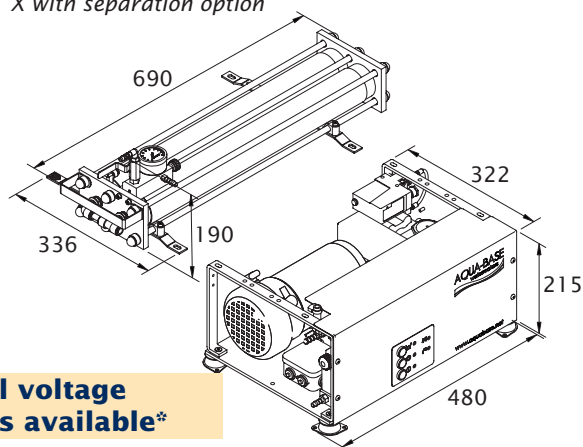
X

X in a frame



X

X with separation option



Dual voltage models available*

Capacity	Model	Voltage			Electricity Consumption	Weight
		Battery	Single phase	Three phase		
30 l/h	XD121*	12 V	-	-	31 A	34 kg
	XD241*	24 V	-	-	25 A	36 kg
	XA221	-	230 or 115 V	-	1 kW	38 kg
50 l/h	XD122*	12 V	-	-	31 A	40 kg
60 l/h	XD242*	24 V	-	-	25 A	42 kg
	XA222	-	230 or 115 V	-	1 kW	44 kg
90 l/h	XA223	-	230 or 115 V	-	1 kW	50 kg

Rated performances +/- 10% using standard seawater, with 35 g/l salinity and temperature at 25°C.

*Dual voltage models available : 12/230V or 24V/230V.

Very easy to use and to install, Aqua-base® watermakers are delivered complete with a technical handbook for installation and maintenance.



Aqua-Base®Y

from 60
to 300 l/h

Yacht
Charter
Professional
Boat

Heavy-duty design watermakers recommended for intensive users.



Specifications

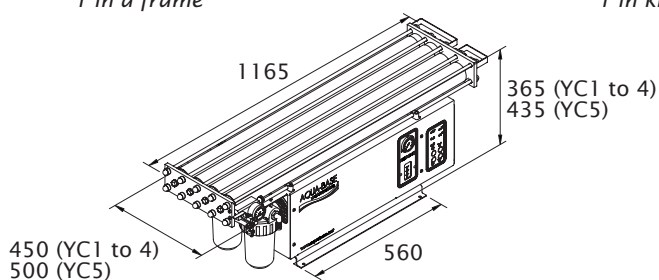
- Tri-phase or single phase electricity feed
- Low pressure seawater feed pump
- High pressure CAT pump
- High rejection rate membranes
- 5 & 20 Micron filters
- High and low pressure safety switches
- Pressure regulation valve
- High and low pressure gauges
- Salinometer and automatic waste valve
- Hour meter
- Flow meter

Options

- Remote control
- Automatic flushing
- Sand filter

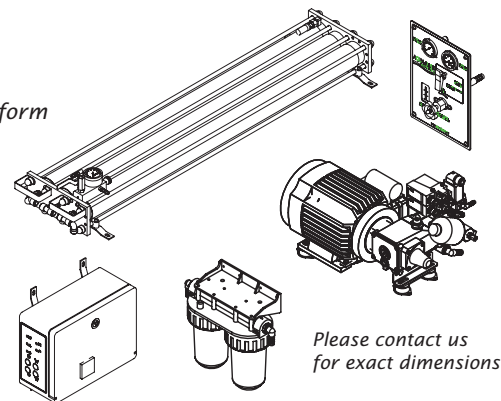
YC

Y in a frame



YK

Y in kit form



Capacity	Model	Voltage		Electricity Consumption	Weight	
		Battery	Single phase			Three phase
60 l/h	YC1	-	230 or 115 V	400 ou 220 V	1,5 kW	61 kg
	YK1	-				52 kg
120 l/h	YC2	-	230 or 115 V	400 ou 220 V	1,5 kW	69 kg
	YK2	-				60 kg
180 l/h	YC3	-	230 or 115 V	400 ou 220 V	2 kW	77 kg
	YK3	-				68 kg
240 l/h	YC4	-	230 or 115 V	400 ou 220 V	2 kW	85 kg
	YK4	-				76 kg
300 l/h	YC5	-	230 V	400 ou 220 V	3 kW	95 kg
	YK5	-				86 kg

Rated performances +/- 10% using standard seawater, with 35 g/l salinity and temperature at 25°C. Other voltages on request.



Aqua-Base®Eco : Energy Recovery

from 30
to 90 l/h

Low
energy
consumption

Energy recovery watermakers designed for boats where energy available is very limited.

**Only 12 Amps at 12 Volts
to produce 30 litres/hour**



Two versions are available :

- **ESB** : Basic manual version.
- **ESW** : Automatic version, includes automatic salinity control, and automatic fresh water flush.

Specifications

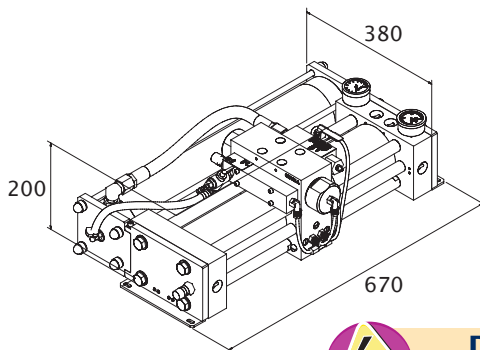
- Low-pressure seawater feed pump
- Desalination module
- 5 Micron filter

Options

- Remote control (ESW)
- Fitting kit

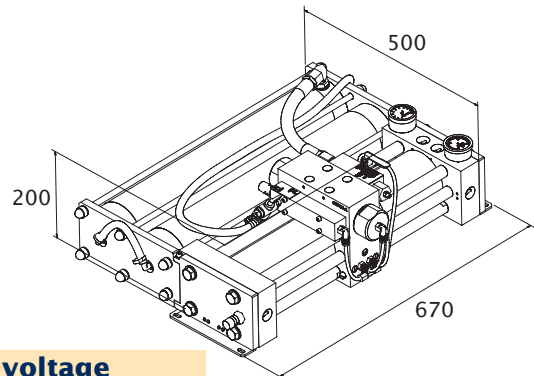
ESB/ESW

30 to 60 l/h



ESB/ESW

90 l/h



**Dual voltage
models available***

Capacity	Model	Voltage		Electricity Consumption	
		Battery	Single phase		
30 l/h	ESB/ESW301*	12 V	-	12 A	41 kg
	ESB/ESW302*	24 V	-	6 A	41 kg
60 l/h	ESB/ESW601*	12 V	-	25 A	49 kg
	ESB/ESW602*	24 V	-	12,5 A	49 kg
90 l/h	ESW901*	12 V	-	34 A	63 kg
	ESW902*	24 V	-	17 A	63 kg
	ESW903	-	230 V	500 W	65 kg

Rated performances +/- 10% using standard seawater, with 35 g/l salinity and temperature at 25°C.
*Dual voltage models available : 12/230V or 24V/230V.

AQUA-BASE®

watermakers

149 rue Salvador Dali
ZA de Kergouaran - Caudan
CS 8002
56607 LANESTER Cedex
France



tel.

fax

e-mail

internet



Your contact

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