

Catalog 2011

SHIP'S EQUIPMENT

Contact

ul. Hutnicza 40
81-061 Gdynia
Poland

phone/fax +48 58 661 91 17
mobile +48 509 854 599
euroelektro@euroelektro.com.pl
www.euroelektro.com.pl



Water tanks

ship's equipment



Contact

ul. Hutnicza 40
81-061 Gdynia
Poland

phone/fax +48 58 661 91 17
mobile +48 509 854 599
euroelektro@euroelektro.com.pl
www.euroelektro.com.pl

CE



Technical description

Designed pressure: 9bar

Working pressure: 8bar

Test pressure: 13,5 bar

Galvanized steel: 4-5 mm

Accessories

Level indication

Water safety valve standard 6 - 10 bar

Manual ball valves

Manual drain valve

Application

Sanitary water hydrophore instalation

Other water's application



Execution

Body: Galvanized Steel

Coating: Powder painting

Marine certification:

DNV, Lloyd, BV

LP.	TYPE OF TANKS	CAPACITY [L]	DIAMETER [MM]	WEIGHT [KG]
1	SWHTk 100-09-01	100	460	90
2	SWHTk 200-09-01	200	510	100
3	SWHTk 300-09-01	300	610	120
4	SWHTk 400-09-01	400	710	140
5	SWHTk 500-09-01	500	710	150
6	SWHTk 800-09-01	800	810	190
7	SWHTk 1000-09-01	1000	910	205
8	SWHTk 1500-09-01	1500	1010	270
9	SWHTk 2000-09-01	2000	1210	320



Sanitary water electric heater

ship's equipment



Contact

ul. Hutnicza 40
81-061 Gdynia
Poland

phone/fax +48 58 661 91 17
mobile +48 509 854 599
euroelektro@euroelektro.com.pl
www.euroelektro.com.pl



Construction

Steel galvanized 100 - 2000 litter tank type:

SWEHTk-100-09-01, bottom and wall mounted,
equipped with: inspection hatch and fittings

Electric Control Panel type: SWEHCP-01-01, wall mounted

Pressure gauge

Thermometer

Thermostats

Heating elements 9 kW each

Safety valve 6 - 10 bar

Boll valves for inlet, outlet and drain

Technical Description

Sanitary Water Electric Heater is provided to
heat electrically sanitary water for engine room.

Capacity: 100 - 2000 litter

Design pressure 9 bar

Working pressure 7 bar

Temperature: 60 - 70°C

Voltage: 3~220 - 440V; 50 - 60Hz

Power: 3 - 100kW

Control box equipment

Electric equipment according to
electric diagram and part list.

Implemented apparatus

Moeller, Finder and Elhand company.



Functional description

SWE Heater is automatically controlled unit,
designed for heating sanitary water.

The temperature is controlled by 2 thermostats,
adjusted 60°C - 70°C.

The tank is protected from overpressure by
safety valve adjusted 6-10 bar.



Sanitary water hydrophore

ship's equipment



Contact

ul. Hutnicza 40
81-061 Gdynia
Poland

phone/fax +48 58 661 91 17
mobile +48 509 854 599
euroelektro@euroelektro.com.pl
www.euroelektro.com.pl



Construction

Steel galvanized tank or stainless steel
Pump; mechanical seal; 0-70°C;
Electric Control Panel
Pressure gauges for tank and pumps inlet and outlet
Pressure controller
Tank level gauge
Safety valve
Pipe lines with valves and accessories
UV Sterilizer



Technical Data

Tank capacity: 100-2000 litter
Safety valve opening: 6-10 bar or other
Water max temperature: +50°C
Water pressure (pumps start/stop)
4,5-6,5 bar or other
Voltage: 3~220 - 440V; 50 - 60Hz
UV flow 8m3 or other

Control box equipment

Electric equipment according to
electric diagram and part list.
Implemented apparatus
Moeller, Finder and Elhand company.



LP.	TYPE OF TANKS	CAPACITY [L]	DIAMETER [MM]	WEIGHT [KG]
1	SWHTk 100-09-01	100	460	90
2	SWHTk 200-09-01	200	510	100
3	SWHTk 300-09-01	300	610	120
4	SWHTk 400-09-01	400	710	140
5	SWHTk 500-09-01	500	710	150
6	SWHTk 800-09-01	800	810	190
7	SWHTk 1000-09-01	1000	910	205
8	SWHTk 1500-09-01	1500	1010	270
9	SWHTk 2000-09-01	2000	1210	320



Water Rehardening Mineralizer

ship's equipment



Contact

ul. Hutnicza 40
81-061 Gdynia
Poland

phone/fax +48 58 661 91 17
mobile +48 509 854 599
euroelektro@euroelektro.com.pl
www.euroelektro.com.pl

CE



Water rehardening mineralizer

Construction

Steel galvanized or stainless steel tank type
bottom mounted,
inspection hatch
inspection window
input-output joints
drain joint.

Technical Data

Design pressure 6 bar
Safety valve opening: 3 bar
Temperature: 50 °C
Efficiency: 36 -100 m3/day
Insertion: dolomite, magnesium
or and quartz coarse sand
Flash washing system including



Functional Description

The Mineralizer is designed for mineralizing and rehardening of distillate water produced by Ships Evaporator. The water is mineralized by passing the dolomite and magnesium coarse sand (rehardening coarse sand) located in the tank. Water goes from the bottom up to the top of the Mineralizer and taking minerals from the dolomite coarse sand.

LP.	TYPE OF TANKS	CAPACITY [L]
1	MTk 150-06-01	150
2	MTk 185-06-01	185
3	MTk 200-06-01	200
4	MTk 300-06-01	300
5	MTk 400-06-01	400
6	MTk 500-06-01	500
7	MTk 800-06-01	800
8	MTk 1000-06-01	1000



Control air treatment unit

ship's equipment



Contact

ul. Hutnicza 40
81-061 Gdynia
Poland

phone/fax +48 58 661 91 17
mobile +48 509 854 599
euroelektro@euroelektro.com.pl
www.euroelektro.com.pl

CE



Construction

Steel base, bottom mounted,
Steel Tank 120 litter; 10 bar
Pressure reducers 40/10 bar
Air adsorption dryer
Filters
Operating valves
Pressure gauges for 40 bar – supply pressure
Pressure gauges for 10 bar – outlet pressure in the tank
Pressure switch for controlling of the pressure in the tank
Safety valves 9 bar
Non return valves
Drain valve
Pipes and connectors



Technical Description

Compress Air Treatment Unit is provided for reducing, filtering and draying of the compress air for automation application in Engine Room.

Technical Data

Tank capacity: 120 litter
Unit flow: 40 m3/h
Supply line pressure: 30 bar
Output pressure: 8 bar
Supply voltage: 230 V ac
Control voltage: 24 V dc

Functional Description

CAT Unit is a auto/manually controlled unit, designed for reducing, filtering and draying of the compress air for automation application in Engine Room.

The unit is equipped with two functional lines:

- main line with reducer 30/8 bar, self drying oil filter, self drying air dryer and manually controlled drying filters
- by-pass with reducer 30/8 bar, manually controlled drying filter

The by-pass line has to be use only in emergency operation, ore during maintenance on the main line.

For this reason keep close by-pass operating valves.

Supply air 30 bar from starting air system is reduced to 8 bar level and delivered via oil filter, air dryer and filters to the compensating tank and to automation distribution system. It is important to check and clean all manually controlled filters ones a week.

If the output pressure is different than 8 bar, than adjust it by the screw on the top of air 30/8 bar reducer in both lines and check condition of all filters.

Quick closing valve cabinet

ship's equipment



Contact

ul. Hutnicza 40
81-061 Gdynia
Poland

phone/fax +48 58 661 91 17
mobile +48 509 854 599
euroelektro@euroelektro.com.pl
www.euroelektro.com.pl



Quick closing valve cabinet

Construction

Steel enclosure, wall mounted, door with glass

Bottle 30 bar

Collector 7 bar

Pressure reducer 30/7 bar

Safety valves 30 and 7 bar

Non return valve

Drain valve

Filter

Cut off valves 30 and 7 bar

Pipes and connectors

Hammer for breaking of glass

Operating instruction and name plates

Operating valves for closing of shut off valves on tanks

Pressure gauges for 7 bar and 30 bar pressure in collector and in bottle

Pressure switches for controlling of the pressure in collector and in bottle



Technical Description

Quick Closing Valve Cabinet is provided manually to close fuel oil and lubrication oil shut off valves on tanks during fire and explosive in Engine Room

Technical Data

Bottle capacity: 10 litter

Supply line pressure: 30 bar

Shut off valve lines pressure: 7 bar

Control voltage: 24 V

Colour of cabinet: RAL 7038

Wight: 70 kg

Functional Description

QCV Cabinet is a manually controlled unit, designed for shutting off valves mounted on fuel oil and lubricating oil tank output lines.



Sterylizer UV

ship's equipment



Contact

ul. Hutnicza 40
81-061 Gdynia
Poland

phone/fax +48 58 661 91 17
euroelektro@euroelektro.com.pl
www.euroelektro.com.pl

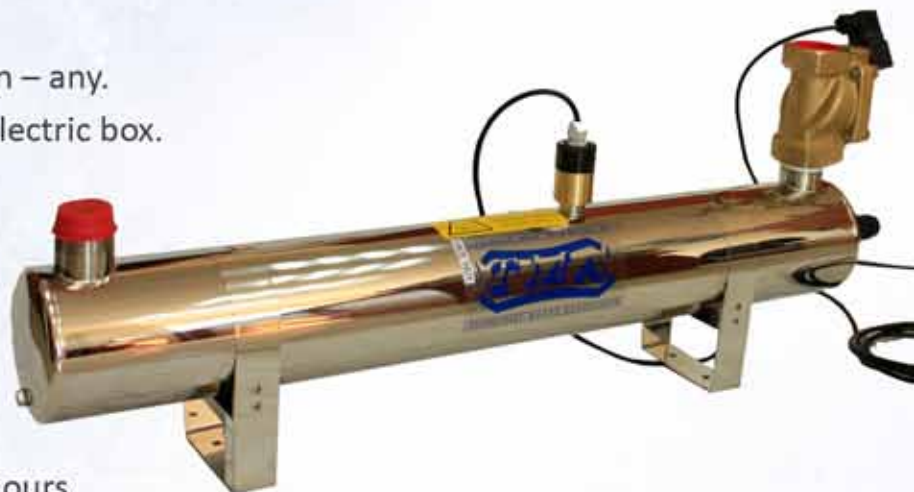


Construction

Vertical mounting but working position – any.
Stainless steel 316L body, frame and electric box.
External coatings – powder paint.

Technical Description

Flow rate 9 m³/h
Transmission of UV-C
Electric supply: 220V, 50 Hz / 60 Hz
1pc UV 60 W lamp service life 6.000 hours
Working pressure: 10 bars
Test pressure: 15 Bars
Pressure loss: 0.1 Bars
Working temperature: 5 C to + 45 C
UV meter controlling the electro-valve.



Ships Applications

Constant disinfection and of potable ships water
Cooling water – control of biological growth
Water for air conditioners – control of biological growth

Standard accessories

Drinking water approved valve, normally closed
Spare UV lamp and protective tube
water drain screw

European Certificates

CE according to the directive.
PZH

Reference

10.000 pcs units on inland applications,
20 pcs on ships for ships application

TYPE	V20/V20LA	V40	V80	V120
L/mm	655	955	955	955
L1/mm	330	530	530	530
S/mm	498	787	787	768
H/mm	240	240	240	240
D	R 1"	R 1 1/2"	R 1 1/2"	R 2"
E/mm	130	130	130	130
E1/mm	60	60	60	60

