



Contact details:

Address:
DOE Sp. z o.o.
Sibeliusa 3
81-015 Gdynia, Poland

Tel. +48 58 6643210
Fax. +48 58 6643737

Email: doe@doe.pl

Visit our web page:
www.doe.pl

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All equipment photographs taken by:
DREAMPHOTO - www.dreamphoto.pl

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OUR REPRESENTATIVES:

Greece
NAFPLIAKI LTD
+30 210 9576474

Norway
Lars G. Dynna
+47 95940633

Thailand
Thai Engineering & Services Co. Ltd.
+66 (0)2 328 8734-5

Italy
Stefo Bardi SRL
+39 010 3760 750/800

USA
Curtis Cronkhite
+860 6539461



UV Disinfection unit SEAHORSE

ADVANTAGES

- effective
- environmental friendly
- inactivation of bacteria, viruses and parasites
- non toxic method (by contrast to chlorination)
- compact design
- continuous monitoring using selective UV sensor
- continuous display of UV power – digital output
- continuous display in analog form (analog meter)
- timer
- buzzer and external alarm
- pre-alarm (lower UV level)
- robust construction.
- electronic ballast 50 & 60 Hz power supply, 230V.
- electric flow cut off
- solenoid valve on outlet, controlled by UV meter.
- simple version for low budgeted applications – version ZERO

LAMPS

- Low pressure UV lamp, 9000h lifetime
- Power of the lamp - 75W
- Power of UV radiation - 25W

DISINFECTION

- Waste water
- Drinking water
- Process water



Designed and made in Poland



SEAHORSE ZERO

1 lamp, electric plastic box, pipe 316L SS, simple, cost effective

SEAHORSE A

1 lamp, electric metal box, metal enclosure & hoses for wires, UV sensor control, electromagnetive velave

SEAHORSE B

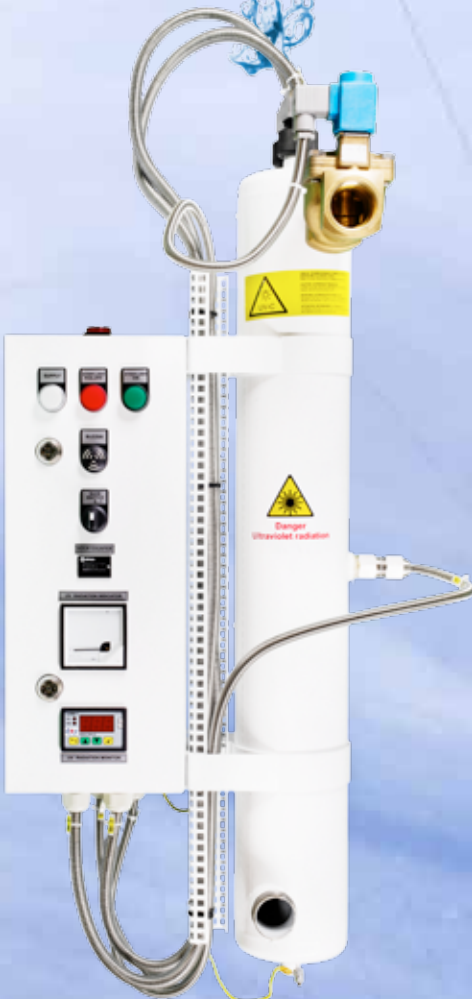
2 lamps, electric metal box, metal enclosure & hoses for wires, UV sensor control, electromagnetive velave



gross weight	6kg	TECHNICAL DATA
max. dimensions with maintenance space	200 x 22 x 22 cm	
material	316L SS	
protection class	IP65	
400J/m2 (98% transparent water after osmosis or evaporator)	1.2 m³/h	
400J/m2 (fresh water from land supply 90-95% transparency)	0.8 - 1.0 m³/h	
connection	¾" male	REACTOR DATA
dimensions (w/l/d)	22/100/50 cm	
diameter (mm)	5/4" (30mm)	
volume (l) approx.	2	
weight (kg) approx.	2	
max. operation pressure	10 bar	
lamp type	Phillips low pressure	LAMP DATA
power of lamp	75W	
UV-C radiation	25 W	
quantity of lamps	1	
expected lamp lifetime (h)	9000	
cabinet material	ABS (plastic)	ELECTRIC BOX DATA
dimensions (w/h/d)	22/22/22 cm	
weight (kg)	4	
supply voltage	230V 50Hz/60Hz	
power consumption	90W	
protection class	IP44	
solenoid valve	no	
UV sensor	no	



gross weight	24kg	TECHNICAL DATA
max. dimensions with maintenance space	205 x 50 x 30 cm	
material	316L SS	
protection class	IP65	
400J/m2 (98% transparent water after osmosis or evaporator)	6.4 m3/h	
400J/m2 (fresh water from land supply 90-95% transparency)	4.0 - 5.5 m3/h	
connection	1 1/4"" male	REACTOR DATA
dimensions (w/l/d)	20/105/130 cm	
diameter (mm)	130 mm	
volume (l) approx.	10	
weight (kg) approx.	15	
max. operation pressure	10 bar	
lamp type	Phillips low pressure	LAMP DATA
power of lamp	75W	
UV-C radiation	25 W	
quantity of lamps	1	
expected lamp lifetime (h)	9000	
cabinet material	black steel	ELECTRIC BOX DATA
dimensions (w/h/d)	20/60/20 cm	
weight (kg)	10	
supply voltage	230V 50Hz/60Hz	
power consumption	90W	
protection class	IP44	
solenoid valve	yes (1 1/4")	
UV sensor	yes	



gross weight	25kg	TECHNICAL DATA
max. dimensions with maintenance space	205 x 50 x 30 cm	
material	316L SS	
protection class	IP65	
400J/m2 (98% transparent water after osmosis or evaporator)	10.3 m3/h	
400J/m2 (fresh water from land supply 90-95% transparency)	6.5 - 8.8 m3/h	
connection	1 1/2" male	REACTOR DATA
dimensions (w/l/d)	20/105/130 cm	
diameter (mm)	130 mm	
volume (l) approx.	10	
weight (kg) approx.	15	
max. operation pressure	10 bar	
lamp type	Phillips low power	LAMP DATA
power of lamp	2x75W	
UV-C radiation	25x2=50W	
quantity of lamps	2	
expected lamp lifetime (h)	9000	
cabinet material	black steel	ELECTRIC BOX DATA
dimensions (w/h/d)	20/60/20 mm	
weight (kg)	4	
supply voltage	230V 50Hz/60Hz	
power consumption	180W	
protection class	IP44	
solenoid valve	yes (1 1/2")	
UV sensor	yes	