

AMALGAM Series

UV Sterilizers for high flow

- > AISI SS 316 reactor "Z" shape vertical / "U" shape horizontal
- > UV-C amalgam lamps
- > Maximum 40 mJ/cm² flow rate: 600,0 m³/hr - 2642,00 GPM
- > Cleaning system available

WASTE WATER is one of the factors that increase the pollution of the planet, and UV systems, properly dimensioned, are the most important part in the treatment process, where, after filtering, the bacteria charge has to be inactivated. With UV, it is also possible to undergo an oxidation process to reduce toxic pollutants.

AQUACULTURE is affected by pathogen problems, both in fresh and sea water, fixed with UV disinfection systems. As it is not harmful for fish, no chemical products are needed for the treatment.

Also heavy **INDUSTRIAL** process are often affected by bacteria and pathogens problem, that are fully eliminated with use of UV sterilizers

VERTICAL SERIES FEATURES

125,0 m³/hr - 550,0 GPM Max flow rate, initial Dose 40 mJ/cm²

SS AISI 316 reactor Vertical mounting

9 bar (130 psi) working pressure

UV-C 200W amalgam lamp (12000 hours)

High quality quartz sleeves

LCD cabinet with smart functions

Flow rate @ 40 mJ/cm²

Code	m ³ /hr	GPM	Lamp	I/O
UV AM25	25,0	110,00	1X200W	2"
UV AM60	60,0	264,00	2X200W	DN80
UV AM90	90,0	396,00	3X300W	DN100
UV AM125	126,0	550,00	4X400W	DN150

LCD cabinet

230 Vac power supply

2x8 character LCD display

Total and partial hour counter

Stand by button

Remote ON/OFF operation

Lamp change counter

Free contact alarm relay



HORIZONTAL SERIES FEATURES

EBM panel

2x12 character white/blue backlight display

Total and partial hour counter

Calendar

Customizable digital input and output relay

Lamp change counter

Free contact alarm relay

Cleaning system available

Audible alarm optional



600,0 m³/hr - 2642,0 GPM Max flow rate, initial Dose 40 mJ/cm²

SS AISI 316 reactor Horizontal mounting

9 bar (130 psi) working pressure

UV-C 400W amalgam lamp (14000 hours)

High quality quartz sleeves

EBM A01 panel with advanced functions

Flow rate @ 40 mJ/cm²

Code	m ³ /hr	GPM	Lamp	I/O
UV HM100	100,0	440,0	2X400W	DN100
UV HM250	250,0	1100,0	4X400W	DN200
UV HM400	400,0	1761,0	6X400W	DN250
UV HM600	600,0	2462,0	8X400W	DN250

OPTION ALL SERIES

UV Irradiation and Temperature sensor

4-20mA output (with sensor only)

Ö_Norm / DVGW certified UV sensor

Cleaning system (horizontal series only)