

**VERY LOW OPERATING COSTS  
- LAMP LIFE TIME UP TO 18000H**

# CORROSION RESISTANT SYSTEMS: MONO RAY 320PP SERIES

## ROBUST AND RIDGID CORROSION RESISTANT REACTOR

- FOR BOTH HARSH ENVIRONMENTS AND FRESH WATER APPLICATIONS
- FOR HORIZONTAL INSTALLATION
- CFD OPTIMIZED HYDRAULICS
- VERY LOW HEAD LOSSES

## VERY SIMPLE CONTROL UNIT

**- OPTIMIZED TO PERFECTION INSIDE!**

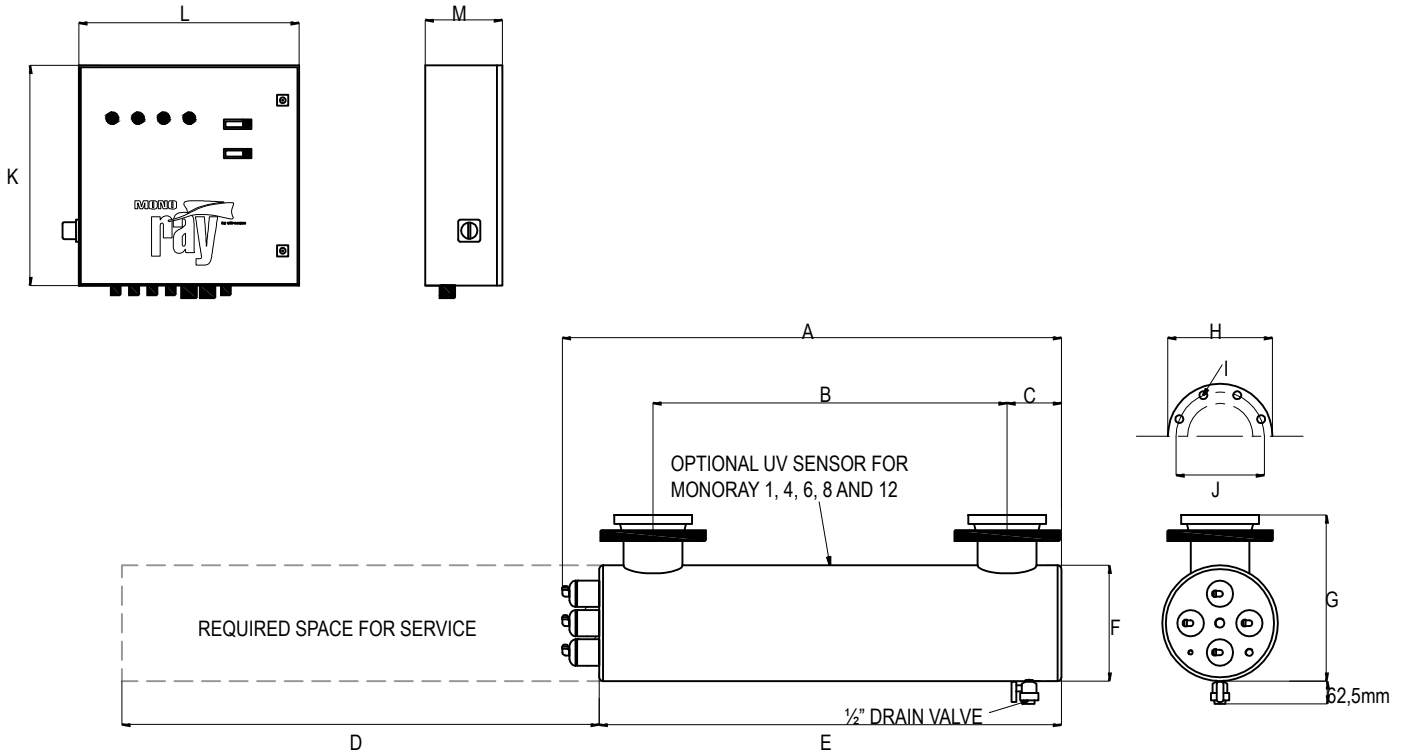
- MARKET'S MOST EFFICIENT LAMP DRIVING BALLASTS
- TOUCH PAD INTERFACE EXTREMELY SIMPLE TO OPERATE
- INTELLIGENT PLC/MODBUS DRIVEN CONTROL SYSTEM
- VARIABLE UV DOSING AND EXTERNAL CONTROL
- LPHO AMALGAM LAMPS



	MONORAY 1-320 PP	MONORAY 4-320 PP	MONORAY 6-320 PP	MONORAY 8-320 PP	MONORAY 12-320 PP
Max. flow rate*	70 m³/h	280 m³/h	430 m³/h	560 m³/h	840 m³/h
Inlet/outlet	3"	DN150	DN200	DN250	DN300
Max. operating pressure	6 bar	6 bar	4,5 bar	3 bar	2 bar
Reactor material	PP	PP	PP	PP	PP
Dimensions Reactor	H: 250mm W: 1860mm	H: 400mm W: 1880mm	H: 400mm W: 1860mm	H: 650mm W: 1860mm	H: 700mm W: 1860mm
Dimensions Cabinet	H: 500mm W: 500mm	H: 600mm W: 600mm	H: 750mm W: 750mm	H: 750mm W: 750mm	H: 750mm W: 750mm
Cabinet material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Electrical	230V+N+Pe Freq. 47-63Hz 200-277V Max 2.5Amp 350W	230V+N+Pe Freq. 47-63Hz 200-277V Max 9.0Amp 1400W	3x230V+N+Pe Freq. 47-63Hz 200-277V Max 7.0Amp 2100W	3x230V+N+Pe Freq. 47-63Hz 200-277V Max 9.0Amp 2700W	3x230V+N+Pe Freq. 47-63Hz 200-277V Max 9.0Amp 4000W
Number of UV-lamps	1	4	6	8	12
Lamp lifetime	18.000H	18.000H	18.000H	18.000H	18.000H
Ultratherm technology	Yes	Yes	Yes	Yes	Yes
Integrated electronic ballasts	Yes	Yes	Yes	Yes	Yes
Large individual lamp status LED's	Yes	Yes	Yes	Yes	Yes
LPHO amalgam lamps	Yes	Yes	Yes	Yes	Yes
PLC control	Yes	Yes	Yes	Yes	Yes
External control	Yes	Yes	Yes	Yes	Yes
UV-sensor	Optional	Optional	Optional	Optional	Optional

\* note: for UVT > 95%





	MONORAY 1 - 220 PP	MONORAY 4 - 220 PP	MONORAY 6 - 220 PP	MONORAY 8 - 220 PP	MONORAY 13 - 220 PP
A	1342mm	1359mm	1359mm	1359mm	1359mm
B	1016mm	965mm	945mm	890mm	790mm
C	120mm	148mm	157mm	185mm	234mm
D	1300mm	1300mm	1300mm	1300mm	1300mm
E	1242mm	1259mm	1259mm	1259mm	1259mm
F	160mm	315mm	355mm	450mm	500mm
G	260mm	453mm	492mm	555mm	620mm
H	-	285mm	285mm	340mm	460mm
I	-	8xØ20	8xØ21	8xØ22	12xØ22
J	-	240mm	240mm	295mm	400mm
K	204mm	600mm	600mm	600mm	750mm
L	190mm	600mm	600mm	600mm	750mm
M	72mm	210mm	210mm	210mm	210mm

The drawing shows MonoRay 4-220 PP