

# UVC AMALGAM

ULTRAVIOLET SYSTEMS



## Standard Features

- Stainless Steel body
- 16000 Hours lamp life
- Electronic card for each lamp
- 2 pieces beam density sensors
- Temperature sensor and ability to stop the system according to received information from sensor
- Electricity supply 230 V / 50-60 Hz
- Chemical wash connection point
- Sample Valves
- UVC Controller (lamp life, beam density, lamp and card status, timer, ability to follow information and etc.)
- IP 54 Control panel
- Ability to communicate all automation and SCADA Systems
- Ability to adjust lamp power according to flow by 4-20 mA contact
- Automatic Scraper System (In SL series)
- PLC for Automatic Scraper System (In SL series)

## Optional Features

- Common Stainless Steel Skid for Collector and Panel

## Design Criterias

- Transmission rate % 95
- 2-8 bar operating temperature
- 2-45 C operating temperature



## UVC 190 SERIES

| CODE        | MODEL      | FLOW m3/h<br>35,000uW/cm2<br>@UVT%60 | FLOW m3/h<br>40,000uW/cm2<br>@UVT%95 | CONNECTION<br>inc | LAMP<br>Qty. |
|-------------|------------|--------------------------------------|--------------------------------------|-------------------|--------------|
| MM.UVC4190S | UVC 4190 S | 30                                   | 75                                   | DN 80             | 4 X 190 W    |
| MM.UVC6190S | UVC 6190 S | 45                                   | 110                                  | DN 100            | 6 X 190 W    |
| MM.UVC8190S | UVC 8190 S | 60                                   | 140                                  | DN 150            | 8 X 190 W    |

## UVC 190 SERIES WITH AUTOMATIC SCRAPER SYSTEMS

| CODE         | MODEL       | FLOW m3/h<br>35,000uW/cm2<br>@UVT%60 | FLOW m3/h<br>40,000uW/cm2<br>@UVT%95 | CONNECTION<br>inc | LAMP<br>Qty. |
|--------------|-------------|--------------------------------------|--------------------------------------|-------------------|--------------|
| MM.UVC4190SL | UVC 4190 SL | 30                                   | 75                                   | DN 80             | 4 X 190 W    |
| MM.UVC6190SL | UVC 6190 SL | 45                                   | 110                                  | DN 100            | 6 X 190 W    |
| MM.UVC8190SL | UVC 8190 SL | 60                                   | 140                                  | DN 150            | 8 X 190 W    |

## UVC 400 SERIES

| CODE        | MODEL      | FLOW m3/h<br>35,000uW/cm2<br>@UVT%60 | FLOW m3/h<br>40,000uW/cm2<br>@UVT%95 | CONNECTION<br>inc | LAMP<br>Qty. |
|-------------|------------|--------------------------------------|--------------------------------------|-------------------|--------------|
| MM.UVC4400S | UVC 4400 S | 75                                   | 160                                  | DN 150            | 4 X 400 W    |
| MM.UVC6400S | UVC 6400 S | 100                                  | 220                                  | DN 200            | 6 X 400 W    |
| MM.UVC8400S | UVC 8400 S | 125                                  | 280                                  | DN 250            | 8 X 400 W    |

## UVC 400 SERIES WITH AUTOMATIC SCRAPER SYSTEMS

| CODE         | MODEL       | FLOW m3/h<br>35,000uW/cm2<br>@UVT%60 | FLOW m3/h<br>40,000uW/cm2<br>@UVT%95 | CONNECTION<br>inc | LAMP<br>Qty. |
|--------------|-------------|--------------------------------------|--------------------------------------|-------------------|--------------|
| MM.UVC4400SL | UVC 4400 SL | 75                                   | 160                                  | DN 150            | 4 X 400 W    |
| MM.UVC6400SL | UVC 6400 SL | 100                                  | 220                                  | DN 200            | 6 X 400 W    |
| MM.UVC8400SL | UVC 8400 SL | 125                                  | 280                                  | DN 250            | 8 X 400 W    |