



# UV STERILIZERS



*INDEX*

**MWG**  
ITALIAN WATER TECHNOLOGY

## Residential U.V. Sterilizers Inox



- Monolamp U.V. sterilizer of close construction in AISI 304 polished material for point-of-use treatment devices;
- Complete with n.2 diameter 2" fixing clips and with n.2 JACO 1/4" elbows;
- Power box with electronic circuit, cable and plug;
- Failure led and alarm system;
- Lamp quartz sheath;
- Max operating pressure 7 bar;
- Temperature 2 ÷ 40°C;
- Power supply 230 V - 50 Hz;
- Irradiation > 30 mJ/cm2;
- Lamp life 8.000 hours;
- Protection class.

| Ref   | Description                                    | Fam. | Subfam. | Disp. Stock |  |
|-------|--|------|---------|-------------|--|
| HA300 | UV STERILIZER HR-60 220V-50HZ 1/4" BSP M       | 055  | 250     | •           |  |
| HA302 | UV SERILIZER PC-1 10WATT 220V-50HZ -1/4" BSP M | 055  | 250     | •           |  |

| Ref   | Max flow (l/h) | Power (w) | Connections | Diameter (mm) | Length (mm) |
|-------|----------------|-----------|-------------|---------------|-------------|
| HA300 | 240            | 10        | 1/4" BSP M  | 50,8          | 260         |
| HA302 | 240            | 10        | 1/4" BSP M  | 50,8          | 268         |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
|            |           |             |               |              |                |

| Certificates        | Manufacturer | Sectors  |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | <b>MWG</b>   | Domestic |

## Residential U.V. Sterilizers W Series



- To be used for residential water disinfection systems;
- Monolamp U.V. sterilizer of close construction in AISI 304 polished material;
- Power box with electronic circuit, cable and plug;
- Failure led and alarm system;
- Lamp quartz sheath;
- Max operating pressure 7 bar;
- Temperature 2 ÷ 40°C;
- Power supply 230 V - 50 Hz;
- Irradiation > 30 mJ/cm2;
- Lamp life 10.000 hours;
- Protection class.

| Ref   | Description                                    | Fam. | Subfam. | Disp. Stock |  |
|-------|--|------|---------|-------------|--|
| HA310 | UV STERILIZER W-180 220V-50HZ 15W - 1/2" BSP M | 055  | 250     | •           |  |
| HA315 | UV STERILAZER W-360 220V-50HZ 21W-1/2" BSP M   | 055  | 250     | •           |  |
| HA320 | UV STERILIZER W-80 220V-50HZ 29W-1/2" BSP M    | 055  | 250     | •           |  |
| HA325 | UV STERILIZER W-720 220V-50HZ 40W - 3/4" BSP M | 055  | 250     | •           |  |

| Ref   | Max flow (l/h) | N. Lamps | Power (w) | Diameter (mm) | Length (mm) |
|-------|----------------|----------|-----------|---------------|-------------|
| HA310 | 680            | 1        | 15        | 63,5          | 364         |
| HA315 | 1360           | 1        | 21        | 63,5          | 544         |
| HA320 | 1810           | 1        | 29        | 63,5          | 694         |
| HA325 | 2720           | 1        | 40        | 63,5          | 924         |

| Certificates        | Manufacturer | Sectors  |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | <b>MWG</b>   | Domestic |

## Industrial U.V. Sterilizers FC Series



- To be used for commercial and industrial water disinfection systems;
- Monolamp U.V. sterilizer with polished AISI 304 sterilizing chamber (option in AISI 316L not available in stock) with inspection window and drain connection;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and failure led, with alarm system (excepted models FC-35 and FC-45);
- Lamp quartz sheath;
- Max operating pressure 7 bar, temperature  $2 \div 40^{\circ}\text{C}$ ;
- Power supply 230 V - 50 Hz, irradiation  $> 40 \text{ mJ/cm}^2$ , lamp life 10.000 hours;
- Protection class IP43;
- Possibility of connection with shut down solenoid valve (only for models FC-35 and FC-45).

| Ref    | Description   | Fam. | Subfam. | Disp. Stock |  |
|--------|---|------|---------|-------------|--|
| HA350  | UV STERILIZER FC-8 220V-50HZ 29W - 3/4" BSP M         | 055  | 251     | •           |  |
| HA350A | UV STERILIZER FC-8 220V-50HZ 29W-3/4" BSP M 316L      | 055  | 251     |             |  |
| HA355  | UV STERILIZER FC-12 220V-50HZ 40W - 1" BSP M          | 055  | 251     | •           |  |
| HA355A | UV STERILIZER FC-12 220V-50HZ 40W - 1" BSP M 316L     | 055  | 251     |             |  |
| HA360  | UV STERILIZER FC-15 220V-50HZ 65W - 1" BSP M          | 055  | 251     | •           |  |
| HA360A | UV STERILIZER FC-15 220V-50HZ 65W - 1" BSP M 316L     | 055  | 251     |             |  |
| HA365  | UV STERILIZER FC-20 220V-50HZ 65W-1.1/2" BSP M        | 055  | 251     | •           |  |
| HA365A | UV STERILIZER FC-20 220V-50HZ 65W-1.1/2" BSP M 316L   | 055  | 251     |             |  |
| HA370  | UV STERILIZER FC-24 220V-50HZ 80W - 1 1/2" BSPM       | 055  | 251     | •           |  |
| HA370A | UV STERILIZER FC-24 220V-50HZ 80W - 1 1/2" BSPM 316L  | 055  | 251     |             |  |
| HA375  | UV SERILIZER FC-35 220V-50HZ 100W-2" BSP M            | 055  | 251     | •           |  |
| HA375A | UV STERILIZER FC-35 220V-50HZ 100W - 2"BSP M 316L     | 055  | 251     |             |  |
| HA380  | UV STERILIZER FC-45 220V-50HZ 120W - 2" BSP M         | 055  | 251     | •           |  |
| HA380A | UV STERILIZER FC-45 220V-50HZ 120W-2" BSP M AISI 316L | 055  | 251     |             |  |

| Certificates  | Manufacturer | Sectors                |
|---------------|--------------|------------------------|
| DM174-2004 CE | <b>MWG</b>   | Commercial, Industrial |

## Industrial Flanged Multilamp U.V. Sterilizers FC-D Series



- To be used for industrial water disinfection systems;
- Multilamp U.V. sterilizer with polished AISI 304 sterilizing chamber (option in AISI 316L not available in stock) with inspection window and drain connection;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and service/failure led;
- Lamp quartz sheath;
- Max operating pressure 7 bar;
- Temperature 2 ÷ 40°C;
- Power supply 230 V - 50 Hz;
- Irradiation > 40 mJ/cm<sup>2</sup>;
- Lamp life 10.000 hours;
- Protection class IP43;
- Possibility of connection with
- Shut down solenoid valve;

| Ref    | Description   | Fam. | Subfam. | Disp. Stock |  |
|--------|---|------|---------|-------------|--|
| HA400  | UV STERILIZER FC-70D 220V-50HZ 2x100W - DN50        | 055  | 252     | •           |  |
| HA400A | UV STERILIZER FC-70D 220V-50HZ 2x100W - DN50 316L   | 055  | 252     |             |  |
| HA410  | UV STERILIZER FC-120D 220V-50HZ 3x120W - DN65       | 055  | 252     | •           |  |
| HA410A | UV STERILIZER FC-120D 220V-50HZ 3x120W - DN65 316L  | 055  | 252     |             |  |
| HA420  | UV STERILIZER FC-180D 220V-50HZ 5x120W - DN80       | 055  | 252     | •           |  |
| HA420A | UV STERILIZER FC-180D 220V-50HZ 5x120W-DN80 316L    | 055  | 252     |             |  |
| HA430  | UV STERILIZER FC-250D 220V-50HZ 7x120W - DN100      | 055  | 252     | •           |  |
| HA430A | UV STERILIZER FC-250D 220V-50HZ 7x120W - DN100 316L | 055  | 252     |             |  |

| Ref    | AISI | Max flow (l/h) | N. Lamps | Power (w) | Connect.             | Diameter (mm) | Length (mm) |
|--------|------|----------------|----------|-----------|----------------------|---------------|-------------|
| HA400  | 304  | 15.900         | 2        | 200       | DN50 Flangi<br>ated  | 220           | 1.250       |
| HA400A | 316L | 15.900         | 2        | 200       | DN50 Flangi<br>ated  | 220           | 1.250       |
| HA410  | 304  | 27.250         | 3        | 360       | DN65 Flangi<br>ated  | 273           | 1.250       |
| HA410A | 316L | 27.250         | 3        | 360       | DN65 Flangi<br>ated  | 273           | 1.250       |
| HA420  | 304  | 40.880         | 5        | 600       | DN80 Flangi<br>ated  | 323           | 1.250       |
| HA420A | 316L | 40.880         | 5        | 600       | DN80 Flangi<br>ated  | 323           | 1.250       |
| HA430  | 304  | 56.780         | 7        | 840       | DN100 Flangi<br>ated | 400           | 1.250       |
| HA430A | 316L | 56.780         | 7        | 840       | DN100 Flangi<br>ated | 400           | 1.250       |

| Certificates  | Manufacturer | Sectors    |
|---------------|--------------|------------|
| DM174-2004 CE | <b>MWG</b>   | Industrial |

## U.V. Sterilizers HR - PC - W - FC - FC/D Spare Parts

| Ref    | Description  | Fam. | Subfam. | Disp. Stock |  |
|--------|--|------|---------|-------------|--|
| HA500  | LAMP UV- T5L10W  | 055  | 255     | •           |  |
| HA502  | LAMP UV - T5L15W   | 055  | 255     | •           |  |
| HA504  | LAMP UV - T5L21W   | 055  | 255     | •           |  |
| HA506  | LAMP UV - T5L29W   | 055  | 255     | •           |  |
| HA508  | LAMP UV - T5L40W   | 055  | 255     | •           |  |
| HA510  | LAMP UV - T5L65W   | 055  | 255     | •           |  |
| HA512  | LAMP UV - T5L85W   | 055  | 255     | •           |  |
| HA514  | LAMP UV - T6L100W  | 055  | 255     | •           |  |
| HA516  | LAMP UV - T6L120W  | 055  | 255     | •           |  |
| HA530  | QUARZ FOR LAMP UV - T5L10W D.24,5 X L. 250 mm ONE OPEN END           | 055  | 255     | •           |  |
| HA531  | QUARZ FOR LAMP UV - T5L10W D.24,5 X L. 250 mm                        | 055  | 255     | •           |  |
| HA532  | QUARZ FOR LAMP UV - T5L15W D.24,5 X L.350 mm                         | 055  | 255     | •           |  |
| HA534  | QUARZ FOR LAMP UV - T5L21W D.24,5 X L.530 mm                         | 055  | 255     | •           |  |
| HA536  | QUARZ FOR LAMP UV - T5L29W D.24,5 X L.680 mm                         | 055  | 255     | •           |  |
| HA538  | QUARZ FOR LAMP UV - T5L40-65W D.24,5 X L.910 mm                      | 055  | 255     | •           |  |
| HA540  | QUARZ FOR LAMP UV - T6L80W D.30,0 X L.910 mm                         | 055  | 255     | •           |  |
| HA542  | QUARZ FOR LAMP UV - T6L100-120W D.30,0 X L.1205 mm                   | 055  | 255     | •           |  |
| HA550  | SILICONE O-RING FOR QUARTZ SHEATH D.24,5 mm                          | 055  | 255     | •           |  |
| HA550A | VITON O-RING FOR QUARTZ SHEATH D. 24,5 mm                            | 055  | 255     | •           |  |
| HA552A | VITON O-RING FOR QUARTZ SHEATH D. 30,0 mm                            | 055  | 255     | •           |  |
| HA560  | ELECTRONIC BALLAST UVC-1021,230V 50-60HZ FOR LAMP 10-21W             | 055  | 255     | •           |  |
| HA562  | ELECTRONIC BALLAST UVC-2040,230V 50-60HZ FOR LAMP 29- 40W            | 055  | 255     | •           |  |
| HA563  | ELECTRONIC BALLAST UVC-2040,230V 50-60HZ INSIDE Q.E. FOR LAMP 29-40W | 055  | 255     | •           |  |
| HA564  | ELECTRONIC BALLAST UVC-6585,230V 50-60HZ INSIDE Q.E. FOR LAMP 65-80W | 055  | 255     | •           |  |
| HA566  | ELECTRONIC BALLAST UV12 100-240 V/50HZ 90-155W SINGLE-LAMP           | 055  | 255     | •           |  |
| HA570  | COMPLETE CONTROL BOX FC-8-12   | 055  | 255     | •           |  |
| HA572  | COMPLETE CONTROL BOX FC-15-20-24                                     | 055  | 255     | •           |  |
| HA574  | COMPLETE CONTROL BOX FC-35/45  | 055  | 255     | •           |  |
| HA576  | COMPLETE CONTROL BOX FC-70D  | 055  | 255     | •           |  |
| HA577  | COMPLETE CONTROL BOX FC-120D   | 055  | 255     | •           |  |
| HA578  | COMPLETE CONTROL BOX FC-180D   | 055  | 255     | •           |  |
| HA579  | COMPLETE CONTROL BOX FC-250D   | 055  | 255     | •           |  |

## U.V. Sterilizers HR - PC - W - FC - FC/D Spare Parts

| Ref    | Sterilizers UV   |
|--------|--|
| HA500  | HR-60 PC-1   |
| HA502  | W-180  |
| HA504  | W-360  |
| HA506  | W-480 FC-8   |
| HA508  | W-720 FC-12  |
| HA510  | FC-15 FC-20  |
| HA512  | FC-24  |
| HA514  | FC-35 2x FC-70D  |
| HA516  | FC-35 3x FC-120D 5x FC-180D 7x FC-250D                 |
| HA530  | HR-60  |
| HA531  | PC-1   |
| HA532  | W-180  |
| HA534  | W-360  |
| HA536  | W-480 FC-8   |
| HA538  | W-720 FC-20 FC-15                                      |
| HA540  | FC-20 FC-24  |
| HA542  | FC-35 FC-45 2x FC-70D 3x FC-120D 5x FC-180D 7x FC-250D |
| HA550  | HR-60 PC-1 W-180 W-360 W-480 W-720                     |
| HA550A | FC-8 FC-12 FC-15                                       |
| HA552A | FC-20 FC-24 FC-35 FC-45 FC-70D FC-120D FC-180D FC-250D |
| HA560  | HR-60 PC-1 W-180 W-360                                 |
| HA562  | W-480 W-720  |
| HA563  | FC-8 FC-12   |
| HA564  | FC-15 FC-20 FC-24                                      |
| HA566  | FC-35 FC-45 FC-70D FC-120D FC-180D FC-250D             |
| HA570  | FC-8 FC-12   |
| HA572  | FC-15 FC-20 FC-24                                      |
| HA574  | FC-35 FC-45  |
| HA576  | FC-70D   |
| HA577  | FC-120D  |
| HA578  | FC-180D  |
| HA579  | FC-250D  |

## Industrial U.V. Sterilizers in HDPE

- Made in European Union (Italy);
- To be used for industrial water disinfection systems;
- With reactor in HDPE, available on demand with sensor;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and failure led;
- With lamp quartz sheath;
- Available on request with UL certificate (for USA and Canada);
- Conform with EAC certificate for Russia and near-by Countries;
- Conform with Norwegian Restrictive Quality Certification for drinking water in Norway;
- Conform with a Norwegian certification of National Veterinary Institute, which gives the leading rules applied world wide in the sector of the fish farm;
- Max operating pressure 6 bar (4 bar for HA830 and HA832);
- UVC transmittance 99% - 1cm, UVC dose 400 J/m<sup>2</sup> ;
- Power supply 230 V - 50/60 Hz; Reactor protection class IP65;
- Control panel protection class IP54 (IP55 for models less than 15 m<sup>3</sup>/h);
- Possibility of connection with shut down solenoid valve;
- Optional cleaning system.
- Temperature: 5 ÷ 35°C;
- ↑ From bottom to top. ↔ Both directions.

| Ref    | Description                                     | Fam. | Subfam. | Disp. Stock |  |
|--------|---|------|---------|-------------|--|
| HA800N | UV STERILIZER UV IN HDPE 3 M3/H                 | 055  | 254     |             |  |
| HA800  | UV STERILIZER IN HDPE 3 M3/H WITH DOSING SENSOR | 055  | 254     |             |  |
| HA802N | UV STERILIZER IN HDPE 5 M3/H                    | 055  | 254     |             |  |
| HA802  | UV STERILIZER IN HDPE 5 M3/H WITH SENSOR        | 055  | 254     |             |  |
| HA804N | UV STERILIZER IN HDPE 8 M3/H                    | 055  | 254     |             |  |
| HA804  | UV STERILIZER IN HDPE 8 M3/H WITH SENSOR        | 055  | 254     |             |  |
| HA806N | UV STERILIZER IN HDPE 15 M3/H                   | 055  | 254     |             |  |
| HA806  | UV STERILIZER IN HDPE 15 M3/H WITH SENSOR       | 055  | 254     |             |  |
| HA808  | UV STERILIZER IN HDPE 22 M3/H WITH SENSOR       | 055  | 254     |             |  |
| HA810  | UV STERILIZER IN HDPE 35 M3/H WITH SENSOR       | 055  | 254     |             |  |
| HA812  | UV STERILIZER IN HDPE 45 M3/H WITH SENSOR       | 055  | 254     |             |  |
| HA814  | UV STERILIZER IN HDPE 61 M3/H WITH SENSOR       | 055  | 254     |             |  |
| HA816  | UV STERILIZER IN HDPE 90 M3/H WITH SENSOR       | 055  | 254     |             |  |
| HA818  | UV STERILIZER IN HDPE 110 M3/H WITH SENSOR      | 055  | 254     |             |  |
| HA820  | UV STERILIZER IN HDPE 150 M3/H WITH SENSOR      | 055  | 254     |             |  |
| HA822  | UV STERILIZER IN HDPE 250 M3/H WITH SENSOR      | 055  | 254     |             |  |
| HA824  | UV STERILIZER IN HDPE 340 M3/H WITH SENSOR      | 055  | 254     |             |  |
| HA826  | UV STERILIZER IN HDPE 470 M3/H WITH SENSOR      | 055  | 254     |             |  |
| HA828  | UV STERILIZER IN HDPE 600 M3/H WITH SENSOR      | 055  | 254     |             |  |
| HA830  | UV STERILIZER IN HDPE 830 M3/H WITH SENSOR      | 055  | 254     |             |  |
| HA832  | UV STERILIZER IN HDPE 980 M3/H WITH SENSOR      | 055  | 254     |             |  |

| Ref    | Total consumption (w) | N°Lamps | Lamp power (w) | Life span lamps | In/Out connections | Mounting | Flow direction |
|--------|-----------------------|---------|----------------|-----------------|--------------------|----------|----------------|
| HA800N | 40                    | 1       | 40             | 9.000           | 1½" F              | Vert.    | ↑              |
| HA800  | 40                    | 1       | 40             | 9.000           | 1½" F              | Vert.    | ↑              |
| HA802N | 80                    | 1       | 80             | 9.000           | 1½" F              | Vert.    | ↑              |
| HA802  | 80                    | 1       | 80             | 9.000           | 1½" F              | Vert.    | ↑              |
| HA804N | 80                    | 2       | 40             | 9.000           | 2½" F              | Vert.    | ↑              |
| HA804  | 80                    | 2       | 40             | 9.000           | 2½" F              | Vert.    | ↑              |
| HA806N | 160                   | 2       | 80             | 9.000           | 2½" F              | Vert.    | ↑              |
| HA806  | 160                   | 2       | 80             | 9.000           | 2½" F              | Vert.    | ↑              |
| HA808  | 260                   | 3       | 80             | 9.000           | DN65               | Vert.    | ↑              |
| HA810  | 335                   | 4       | 80             | 9.000           | DN80               | Vert.    | ↑              |
| HA812  | 440                   | 5       | 80             | 9.000           | DN100              | Vert.    | ↑              |
| HA814  | 440                   | 2       | 200            | 12.000          | DN100              | Vert.    | ↑              |
| HA816  | 660                   | 3       | 200            | 12.000          | DN100              | Orizz.   | ↔              |
| HA818  | 880                   | 2       | 400            | 16.000          | DN150              | Orizz.   | ↔              |
| HA820  | 1300                  | 3       | 400            | 16.000          | DN200              | Orizz.   | ↔              |
| HA822  | 1760                  | 4       | 400            | 16.000          | DN250              | Orizz.   | ↔              |
| HA824  | 2180                  | 5       | 400            | 16.000          | DN250              | Orizz.   | ↔              |
| HA826  | 3100                  | 7       | 400            | 16.000          | DN300              | Orizz.   | ↔              |
| HA828  | 3500                  | 8       | 400            | 16.000          | DN350              | Orizz.   | ↔              |
| HA830  | 4400                  | 10      | 400            | 16.000          | DN400              | Orizz.   | ↔              |
| HA832  | 5300                  | 12      | 400            | 16.000          | DN450              | Orizz.   | ↔              |

| Certificates       | Manufacturer | Sectors    |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | <b>MWG</b>   | Industrial |



## Industrial U.V. Sterilizers in AISI 316L 200 W Series

- Made in European Union (Italy);
- To be used for industrial water disinfection systems;
- Single-lamp or multi-lamp systems, with single lamp 200 W;
- With reactor in AISI 316L, with sensor;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and failure led;
- Available on request with UL certificate (for USA and Canada);
- WRAS approved products (for UK);
- Conform with EAC certificate for Russia and near-by Countries;
- Conform with Polish Quality Certification for Poland;
- With lamp quartz sheath;
- Max operating pressure 10 bar; Temperature: 5 ÷ 50°C;
- UVC transmittance 98% - 1cm, UVC dose 400 J/m<sup>2</sup> ;
- Power supply 230 V - 50/60 Hz and life span of lamp 12.000 hours;
- Reactor protection class IP65;
- Control panel protection class IP54;
- Possibility of connection with shut down solenoid valve;
- Optional cleaning system (manual or automatic);
- Vertical mounting (horizontal for automatic cleaning systems).
- **NOTA:**
- † = From bottom Optional to cleatop.
- ↔ = Both directions.

| Ref    | Description   | Fam. | Subfam. | Disp. Stock |  |
|--------|---|------|---------|-------------|--|
| HA840  | UV2 STERILIZER IN AISI 316L 24 M3/H WITH DOSING SENSOR                | 055  | 252     |             |  |
| HA840M | UV2 STERILIZER IN AISI 316L 24 M3/H MAN. CLEANING WITH DOSING SENSOR  | 055  | 252     |             |  |
| HA840A | UV2 STERILIZER IN AISI 316L 24 M3/H SELF CLEANING WITH DOSING SENSOR  | 055  | 252     |             |  |
| HA842  | UV2 STERILIZER IN AISI 316L 60 M3/H WITH DOSING SENSOR                | 055  | 252     |             |  |
| HA842M | UV2 STERILIZER IN AISI 316L 60 M3/H MAN. CLEANING WITH DOSING SENSOR  | 055  | 252     |             |  |
| HA842A | UV2 STERILIZER IN AISI 316L 60 M3/H SELF CLEANING WITH DOSING SENSOR  | 055  | 252     |             |  |
| HA844  | UV2 STERILIZER IN AISI 316L 96 M3/H WITH DOSING SENSOR                | 055  | 252     |             |  |
| HA844A | UV2 STERILIZER IN AISI 316L 96 M3/H SELF CLEANING WITH DOSING SENSOR  | 055  | 252     |             |  |
| HA846  | UV2 STERILIZER IN AISI 316L 125 M3/H WITH DOSING SENSOR               | 055  | 252     |             |  |
| HA848  | UV2 STERILIZER IN AISI 316L 160 M3/H WITH DOSING SENSOR               | 055  | 252     |             |  |
| HA848A | UV2 STERILIZER IN AISI 316L 160 M3/H SELF CLEANING WITH DOSING SENSOR | 055  | 252     |             |  |

## Industrial U.V. Sterilizers in AISI 316L 200 W Series

| Ref    | Max flow rate (m/h) | Total consumption (W) | N° Lamps | Lamps power | In-Out connections | Flow direction |
|--------|---------------------|-----------------------|----------|-------------|--------------------|----------------|
| HA840  | 24                  | 222                   | 1        | 200         | 2" M               | ↑              |
| HA840M | 24                  | 222                   | 1        | 200         | 2" M               | ↑              |
| HA840A | 24                  | 222                   | 1        | 200         | 2" M               | ↔              |
| HA842  | 60                  | 444                   | 2        | 200         | DN80               | ↑              |
| HA842M | 60                  | 444                   | 2        | 200         | DN80               | ↑              |
| HA842A | 60                  | 444                   | 2        | 200         | DN80               | ↔              |
| HA844  | 96                  | 666                   | 3        | 200         | DN100              | ↑              |
| HA844A | 96                  | 666                   | 3        | 200         | DN100              | ↔              |
| HA846  | 125                 | 888                   | 4        | 200         | DN150              | ↑              |
| HA848  | 160                 | 888                   | 4        | 200         | DN150              | ↑              |
| HA848A | 160                 | 888                   | 4        | 200         | DN150              | ↔              |

| Certificates            | Manufacturer | Sectors    |
|-------------------------|--------------|------------|
| DM174-2004 WRAS CE, EAC | <b>MWG</b>   | Industrial |

## Industrial Flanged Multilamp U.V. Sterilizers in AISI 316L 400 W Series

- Made in European Union (Italy);
- To be used for industrial water disinfection systems;
- Multi-lamp systems with single lamp 400 W;
- With reactor in AISI 316L, with sensor;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and failure led;
- Available on request with UL certificate (for USA and Canada);
- WRAS approved products (for UK);
- Conform with EAC certificate for Russia and near-by Countries;
- Conform with Polish Quality Certification for Poland;
- Conform with a Norwegian certification of National Veterinary Institute, which gives the leading rules applied world wide in the sector of the fish farm;
- With lamp quartz sheath;
- Max operating pressure 10 bar;
- Temperature: 5 ÷ 50°C;
- UVC transmittance 97% - 1cm, UVC dose 400 J/m<sup>2</sup> ;
- Power supply 230 V - 50/60 Hz and life span of lamp 16.000 hours;
- Reactor protection class IP65;
- Control panel protection class IP54;
- Possibility of connection with shut down solenoid valve;
- Alarm system;
- Horizontal mounting and flow both directions;
- Automatic cleaning systems.

| Ref    | Description   | Fam. | Subfam. | Disp. Stock |  |
|--------|---|------|---------|-------------|--|
| HA860A | UV4 STERILIZER IN AISI 316L 150 M3/H SELF CLEANING WITH DOSING SENSOR | 055  | 252     |             |  |
| HA862A | UV4 STERILIZER IN AISI 316L 250 M3/H SELF CLEANING WITH DOSING SENSOR | 055  | 252     |             |  |
| HA864A | UV4 STERILIZER IN AISI 316L 300 M3/H SELF CLEANING WITH DOSING SENSOR | 055  | 252     |             |  |
| HA866A | UV4 STERILIZER IN AISI 316L 420 M3/H SELF CLEANING WITH DOSING SENSOR | 055  | 252     |             |  |
| HA868A | UV4 STERILIZER IN AISI 316L 600 M3/H SELF CLEANING WITH DOSING SENSOR | 055  | 252     |             |  |
| HA870A | UV4 STERILIZER IN AISI 316L 830 M3/H SELF CLEANING WITH DOSING SENSOR | 055  | 252     |             |  |
| HA872A | UV4 STERILIZER IN AISI 316L 980 M3/H SELF CLEANING WITH DOSING SENSOR | 055  | 252     |             |  |

| Ref    | Max flow rate (m/h) | Total consumption (W) | N* Lamps | Lamp power | In-Out Connections |
|--------|---------------------|-----------------------|----------|------------|--------------------|
| HA860A | 150                 | 1.300                 | 3        | 400        | DN150              |
| HA862A | 250                 | 1.760                 | 4        | 400        | DN200              |
| HA864A | 300                 | 2.180                 | 5        | 400        | DN200              |
| HA866A | 420                 | 2.650                 | 6        | 400        | DN250              |
| HA868A | 600                 | 3.500                 | 8        | 400        | DN250              |
| HA870A | 830                 | 4.400                 | 10       | 400        | DN300              |
| HA872A | 980                 | 5.300                 | 10       | 400        | DN300              |

| Certificates            | Manufacturer | Sectors    |
|-------------------------|--------------|------------|
| DM174-2004 WRAS CE, EAC | <b>MWG</b>   | Industrial |