

UV STERILIZERS

MWG, VAN REMMEN

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 and silicon O-ring;
- 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 IP42;
- Horizontal installation (only HA300 can be installed in vertical position).

Ref	Description	Fam.	Subfam.	Disp. Stock
HA300	MWG UV STERILIZER HR-60 220V-50HZ 1/4" BSP M	55	250	OK
HA302	MWG UV STERILIZER PC-1 10WATT 220V-50HZ -1/4" BSPM	55	250	OK

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	MWG	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 and silicon O-ring;
- 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 IP42;
- Horizontal installation.

Ref	Description	Fam.	Subfam.	Disp. Stock
HA310	MWG UV STERILIZER W-180 220V-50HZ 15W - 1/2" BSP M	55	250	OK
HA315	MWG UV STERILIZER W-360 220V-50HZ 21W-1/2" BSP M	55	250	OK
HA320	MWG UV STERILIZER W-480 220V-50HZ 29W-1/2" BSP M	55	250	OK
HA325	MWG UV STERILIZER W-720 220V-50HZ 40W - 3/4" BSP M	55	250	OK

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

Ref	Box: WxLxH.	Box: Q.ty	Box: Weight.	Pallet: WxLxH.	Pallet: Q.ty	Pallet: Weight.
HA310						
HA315						
HA320						
HA325						

Certificates	Manufacturer	Sectors
DM174-2004, ACS, CE	MWG	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 and Viton O-ring;
- Max operating pressure 7 bar, temperature $2 \pm 40^{\circ}\text{C}$;
- 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);
- Horizontal installation.

Ref	Description	Fam.	Subfam.	Disp. Stock	
HA350	MWG UV STERILIZER FC-8 220V-50HZ 29W - 3/4" BSP M	55	251	OK	
HA350A	UV STERILIZER FC-8 220V-50HZ 29W-3/4" BSP M 316L	55	251	NO	
HA355	MWG UV STERILIZER FC-12 220V-50HZ 40W - 1" BSP M	55	251	OK	
HA360	MWG UV STERILIZER FC-15 220V-50HZ 65W - 1" BSP M	55	251	OK	
HA360A	UV STERILIZER FC-15 220V-50HZ 65W - 1" BSP M 316L	55	251	NO	
HA365	MWG UV STERILIZER FC-20 220V-50HZ 65W-1 1/2" BSP M	55	251	OK	
HA370	MWG UV STERILIZER FC-24 220V-50HZ 85W - 1 1/2" BSP M	55	251	OK	
HA375	MWG UV SERILIZER FC-35 220V-50HZ 100W-2" BSP M	55	251	OK	
HA380	MWG UV STERILIZER FC-45 220V-50HZ 120W - 2" BSP M	55	251	OK	

Ref	AISI	Max Flow (l/h)	Power (W)	Connections	Diameter (mm)	Lenght (mm)
HA350	304	1.810	29	3/4" BSP M	114	710
HA355	304	2.720	40	1" BSP M	133	940
HA360	304	3.400	65	1" BSP M	133	940
HA365	304	4.536	65	1" 1/2 BSP M	160	940
HA370	304	5.443	85	1" 1/2 BSP M	160	940
HA375	304	7.938	100	2" BSP M	160	1.235
HA380	304	10.200	120	2" BSP M	160	1.235

Ref.	Box: WxLxH	Box: Q.ty	Box: Weight	Pallet: WxLxH	Pallet: Q.ty	Pallet: Weight
HA350						
HA355						
HA360						
HA365						
HA370						
HA375						
HA380						

Certificates	Manufacturer	Sectors
DM174-2004 CE	MWG	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 and Viton O-ring;
- Max operating pressure 7 bar;
- Temperature 2 ÷ 40°C;
- Power supply 230 V - 50 Hz;
- Irradiation > 40 mJ/cm²;
- Lamp life 10.000 hours;
- Protection class IP43;
- Possibility of connection with
- Shut down solenoid valve;
- Horizontal installation.

Ref	Description	Fam.	Subfam.	Disp. Stock	
HA400	MWG UV STERILIZER FC-70D 220V-50HZ 2x100W - DN50	55	252	OK	
HA400A	MWG UV STERILIZER FC-70D 220V-50HZ 2x100W -DN50 316L	55	252	NO	
HA410	MWG UV STERILIZER FC-120D 220V-50HZ 3x120W - DN65	55	252	OK	
HA410A	MWG UV STERILIZER FC-120D 220V-50HZ 3x120W - DN65 316	55	252	NO	
HA420	MWG UV STERILIZER FC-180D 220V-50HZ 5x120W - DN80	55	252	OK	
HA430	MWG UV STERILIZER FC-250D 220V-50HZ 7x120W - DN100	55	252	OK	

Ref.	AISI	Max flow (l/h)	N. Lamps	Power (W)	Connect.	Diameter (mm)	Lenght (mm)
HA400	304	15.900	2	200	DN50 Flanged	220	1.250
HA400A	316L	15.900	2	200	DN50 Flanged	220	1.250
HA410	304	27.250	3	360	DN65 Flanged	273	1.250
HA410A	316L	27.250	3	360	DN65 Flanged	273	1.250
HA420	304	40.880	5	600	DN80 Flanged	323	1.250
HA430	304	56.780	7	840	DN100 Flanged	400	1.250

Ref.	Box: WxLxH	Box: Q.ty	Box: Weight	Pallet: WxLxH	Pallet: Q.ty	Pallet: Weight
HA400						
HA400A						
HA410						
HA410A						
HA420						
HA430						

Certificates	Manufacturer	Sectors
DM174-2004 CE	MWG	Industrial

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

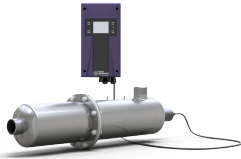


Ref	Description	Fam.	Subfam.	Disp. Stock	
HA500	UV LAMP - T5L10W D=18 L=219 MM	55	255	OK	
HA502	UV LAMP - T5L15W D=18 L=310 MM	55	255	OK	
HA504	UV LAMP - T5L21W D=18 L=444 MM	55	255	OK	
HA506	UV LAMP - T5L29W D=18 L=630 MM	55	255	OK	
HA508	UV LAMP - T5L40W D=18 L=850 MM	55	255	OK	
HA510	UV LAMP - T5L65W D=18 L=850 MM	55	255	OK	
HA512	UV LAMP - T5L85W D=18 L=850 MM	55	255	OK	
HA514	UV LAMP - T6L100W D=23 L=1160 MM	55	255	OK	
HA516	UV LAMP - T6L120W D=18 L=1150 MM	55	255	OK	
HA530	QUARTZ D=24,5 X L=250 MM ONE OPEN END	55	255	OK	
HA531	QUARTZ D=24,5 X L=250 MM	55	255	OK	
HA532	QUARTZ D=24,5 X L=350 MM	55	255	OK	
HA534	QUARTZ D=24,5 X L=530 MM	55	255	OK	
HA536	QUARTZ D=24,5 X L=680 MM	55	255	OK	
HA538	QUARTZ D=24,5 X L=910 MM	55	255	OK	
HA540	QUARZ D=30,0 X L=910 MM	55	255	OK	
HA542	QUARZ D=30,0 X L=1205 MM	55	255	OK	
HA550	SILICONE O-RING FOR QUARTZ SHEATH D.24,5 MM	55	255	OK	
HA550A	VITON O-RING FOR QUARTZ SHEATH D. 24,5 MM	55	255	OK	
HA552A	VITON O-RING FOR QUARTZ SHEATH D. 30,0 MM	55	255	OK	
HA560	MWG ELECTRONIC BALLAST UVC-1021,230V 50-60HZ FOR LAMP 10-21W	55	255	OK	
HA562	MWG ELECTRONIC BALLAST UVC-2040,230V 50-60HZ FOR LAMP 29- 40W	55	255	OK	
HA563	MWG ELECTRONIC BALLAST UVC-2040,230V 50-60HZ INSIDE Q.E. FOR LAMP 29-40W	55	255	OK	
HA564	MWG ELECTRONIC BALLAST UVC-6585,230V 50-60HZ INSIDE Q.E. FOR LAMP 65-80W	55	255	OK	
HA566	MWG ELECTRONIC BALLAST UV12 100-240 V/50HZ 90-155WSINGLE-LAMP	55	255	OK	
HA570	MWG COMPLETE CONTROL BOX FC-8-12	55	255	OK	
HA572	MWG COMPLETE CONTROL BOX FC-15-20-24	55	255	OK	
HA574	MWG COMPLETE CONTROL BOX FC-35/45	55	255	OK	
HA576	MWG COMPLETE CONTROL BOX FC-70D	55	255	OK	
HA578	MWG COMPLETE CONTROL BOX FC-180D	55	255	OK	
HA590	PLASTIC END CAP FOR FIXING SHEATH FITTING D.30	55	255	OK	
HA554	PC SIGHT CAP	55	255	OK	
HA556	ELBOW FITTING PP 1/4" FNTP X 1/4" TUBE	55	255	OK	
HA557	FIXING SHEATH FITTING D.24,5 MM AISI 304	55	255	OK	
HA558	FIXING SHEATH FITTING D.30 MM AISI 304	55	255	OK	
HA559	END CONNECTION NUT FOR W TYPE UV INCLUDED BLACK PLASTIC CAP	55	255	OK	
HA588	QUADRIPIIN CABLE FOR UV LAMP FC AND FC-D SERIES	55	255	OK	

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-45 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-12 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
HA578	FC-180D
HA590	W-180 W-360 W-480 W-720 FC-8 FC-12 FC-15 FC-20 FC-24 FC-35 FC-45 FC-70D FC-120D FC-180D FC-250D
HA554	FC-8 FC-12 FC-15 FC-20 FC-24 FC-35 FC-45 FC-70D FC-120D FC-180D FC-250D
HA556	HR-60 PC-1
HA557	FC-8 FC-12 FC-15
HA558	FC-20 FC-24 FC-35 FC-45 FC-70D FC-120D FC-180D FC-250D
HA559	W-180 W-360 W-480 W-720
HA588	FC-8 FC-12 FC-15 FC-20 FC-24 FC-35 FC-45 FC-70D FC-120D FC-180D FC-250D

Van Remmen Industrial UV Sterilizers with UV and Temperature Sensors



- Made in European Union (Netherlands);
- To be used for industrial water disinfection systems;
- U.V. sterilizer with sandblasted AISI 316L sterilizer chamber;
- Electric box with electronic circuit, connection cable, operating time meter and switch, UV and temperature sensor;
- Lamp quartz sheath and O-ring;
- Max operating pressure 16 bar;
- Temperature $5 \pm 30^{\circ}\text{C}$; $T_{10} = 99\%$;
- Power supply 230 V - 50 Hz; Lamp life 16.000 hrs (except for model V150 with 8.000 hrs life)
- Protection class IP55;
- Possibility of connection with solenoid valve;
- Horizontal installation from model V170;
- Validated according EN14897.

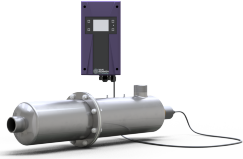
Ref.	Description	Fam.	Subfam.	Disp. Stock	
HV140	UV STERILIZER V140 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV150	UV STERILIZER V150 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV160	UV STERILIZER V160 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV170	UV STERILIZER V170 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV180	UV STERILIZER V180 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV190	UV STERILIZER V190 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV200	UV STERILIZER V200 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV220	UV STERILIZER V220 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV250	UV STERILIZER V250 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV290	UV STERILIZER V290 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HVD300	UV STERILIZER D300 WITH UV AND TEMPERATURE SENSOR	55	252	OK	

Ref.	AISI	Max flow l/h @ 300J/m ²	N. Lamps	Power (W)	Connections	Diameter (mm)	Length (mm)
HV140	316L	10.000	1	60	1,5 " BSPT	129	708
HV150	316L	15.000	1	80	2,0 " BSPT	129	1.207
HV160	316L	24.000	1	120	2,0 " BSPT	129	1.207
HV180	316L	60.000	1	205	2,5 " BSPT	129	1.512
HV190	316L	96.000	1	325	3,0 " BSPT	129	1.770
HV200	316L	125.000	3	360	DN100	204	1.321
HV220	316L	160.000	3	615	DN150	204	1.621
HV250	316L	250.000	3	975	DN250	254	1.710
HV290	316L	420.000	5	1.625	DN300	304	1.710
HVD300	316L	600.000	6	1.950	DN250	354	2.054

Ref.	AISI	Max flow l/h @ 400J/m ²	N. Lamps	Power (W)	Connections	Diameter (mm)	Length (mm)
HV150	316L	10.000	1	80	2,0 " BSPT	129	1.207
HV160	316L	15.000	1	120	2,0 " BSPT	129	1.207
HV170	316L	24.000	1	205	2,0 " BSPT	89	1.499
HV190	316L	60.000	1	325	3,0 " BSPT	129	1.770
HV200	316L	96.000	3	360	DN100	204	1.321
HV220	316L	125.000	3	615	DN150	204	1.621
HV250	316L	160.000	3	975	DN250	254	1.710
HVD300	316L	420.000	6	1.950	DN250	354	2.054

Certificates	Manufacturer	Sectors
KIWA CE	Van Remmen	Commercial, Industrial

Van Remmen UV Sterilizers with UV and Temperature Sensors for Legionella Removal



- Made in European Union (Netherlands);
- To be used for water disinfection systems to remove Legionella;
- U.V. sterilizer with sandblasted AISI 316L sterilizer chamber;
- Electric box with electronic circuit, connection cable, operating time meter and switch, UV and temperature sensor;
- Lamp quartz sheath and O-ring;
- Max operating pressure 16 bar;
- Temperature $5 \div 30^{\circ}\text{C}$; $T_{10} = 85\%$;
- Power supply 230 V - 50 Hz; Lamp life 16.000 hrs;
- Protection class IP55;
- Possibility of connection with solenoid valve;
- Horizontal installation from model V170;
- Validated according EN14897.

Ref.	Description	Fam.	Subfam.	Disp. Stock	
HV130	UV STERILIZER V130 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV140	UV STERILIZER V140 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV160	UV STERILIZER V160 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV170	UV STERILIZER V170 WITH UV AND TEMPERATURE SENSOR	55	252	OK	
HV190	UV STERILIZER V190 WITH UV AND TEMPERATURE SENSOR	55	252	OK	

Ref.	AISI	Max flow l/h @ 400J/m ²	N. Lamps	Power (W)	Connections	Diameter (mm)	Length (mm)
HV130	316L	2.000	1	60	1,5 " BSPT	129	708
HV140	316L	4.500	1	80	1,5 " BSPT	129	1.207
HV160	316L	10.000	1	120	2,0 " BSPT	129	1.207
HV170	316L	15.000	1	205	2,5 " BSPT	89	1.512
HV190	316L	35.000	1	325	3,0 " BSPT	129	1.770

Certificates	Manufacturer	Sectors
KIWA CE	Van Remmen	Domestic, Commercial, Industrial