



 **Lifetech**  
less chlorine, more health

UV and AOP technology  
for *healthy pools*

# Over 25 years of research, development and real-world experience

- We deliver to more than 60 countries around the world
- Focus on B2B, service support
- Strong R&D
- Patented and unique solutions
- Serial and custom production
- UV, Ozone and AOP technology
- 25 years of experience



Unique LifeOX® M – advanced water purification that prevents the formation of Trichloramine (the cause of asthma, pool odor, red eyes, and skin irritation). Ensures the healthiest swimming pool environment with the fastest Return On Investment.



## Pool water - private

Max water flow/ one unit

132 m<sup>3</sup>/h

Pool volume

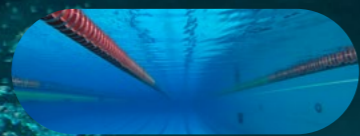
unlimited

Water

Fresh, Salt

Pool type

Indoor, Outdoor



## Pool water - public

Max water flow/ one unit

910 m<sup>3</sup>/h

Pool volume

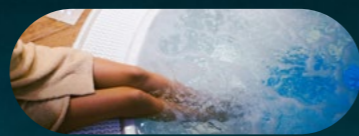
unlimited

Water

Fresh, Salt

Whirlpools type

Indoor, Outdoor



## Whirlpools

Max water flow/ one unit

250 m<sup>3</sup>/h

Pool volume

unlimited

Water

Fresh, Salt

Whirlpools type

Indoor, Outdoor

## Low-pressure UV technology (UVL)

UV radiation

Pool water - private

Whirlpools



LifeOX® L  
LifeUVC

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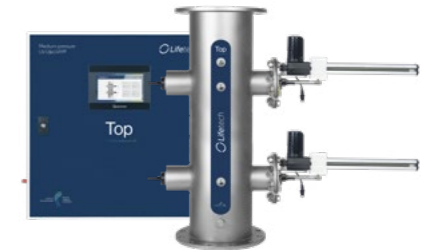
## Medium-pressure UV technology (UVM)

UV radiation

Pool water - private

Pool water - public

Whirlpools



ProfiPure  
ProfiTiny  
Charm  
Clear PRO  
TOP

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## Ozone water treatment

Ozone (O<sub>3</sub>)

Pool water - public



Lifetech's ozone systems are custom-designed for specific projects, offering efficient and sustainable solutions for pools, drinking water, and industrial applications. These systems are compact, reliable, and tailored to client needs while reducing chemical usage and environmental impact.

Standard ozone production 2 gO<sub>3</sub>/h, 4gO<sub>3</sub>/h and 12 gO<sub>3</sub>/h



## AOP (Advanced Oxidation Process)

Advanced Oxidation Process (AOP) (UVL/UVM + O<sub>3</sub> = AOP)

Pool water - private

Pool water - public

Whirlpools



LifeOX® M

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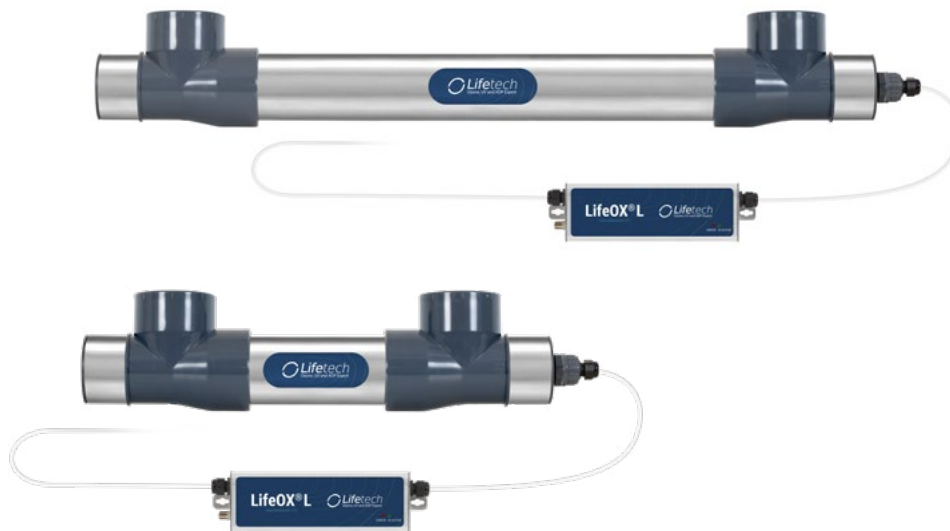
# LifeOX® L

Low-pressure UV

## Compact and Efficient Design

Advanced pool water treatment with a highly effective, compact UV system. Healthy pool technology that ensures safe and gentle water purification. This low-pressure UV technology minimizes chemical use and reduces monthly

maintenance costs. The system features a durable plastic body with an internal stainless steel reactor, designed to be resistant to saltwater.



Expected life of UV lamp	16,000 hours
Technology (Series)	Low-pressure UV systems (254 nm)
Application	<input type="checkbox"/> Indoor pools <input type="checkbox"/> Outdoor pools <input type="checkbox"/> Whirlpools
Salt pool resistant (salt concentration up to 5 kg/m <sup>3</sup> )	Yes
Pool volume up to	87 m <sup>3</sup>
Rec. flow rate for disinfection	13 m <sup>3</sup> /h
Max flow rate	23 m <sup>3</sup> /h

Power Supply	Advanced Electronic Ballast, 100-240 V/50-60Hz
Connection	DN 75/65/50
Total power input of UV lamps	48-87 W
Wiper	Without wiper
Material	PVC-U with Stainless-steel UV shield AISI 316L inside

	Rec. Flow for disinfection (m <sup>3</sup> /h)	Max flow rate (m <sup>3</sup> /h)	Max volume (m <sup>3</sup> )	Total power input of UV lamps (W)/phase
LifeOX® L100	13	23	48	48 / 1
LifeOX® L200	19	23	87	87 / 1

# LifeUVC

Low-pressure UV

## Multi-lamp UV system for ultimate water care

Effective disinfection with a high-performance, compact UV-C system. Healthy pool technology that ensures safe and gentle water treatment. Advanced low-pressure UV technology minimizes chemical use and reduces

monthly maintenance costs. The robust design allows for multiple lamp configurations, making it ideal for various pool sizes and conditions.



Expected life of UV lamp	16,000 hours
Technology (Series)	Low-pressure UV systems (254 nm)
Application	<input type="checkbox"/> Indoor pools <input type="checkbox"/> Outdoor pools <input type="checkbox"/> Whirlpools
Salt pool resistant (salt concentration up to 5 kg/m <sup>3</sup> )	Yes
Private pool: Max flow rate (UV dose 30 mJ/cm <sup>2</sup> )	132 m <sup>3</sup> /h
Public pool: Max flow rate (UV dose 60 mJ/cm <sup>2</sup> )	66 m <sup>3</sup> /h
Max flow rate	170 m <sup>3</sup> /h

Power Supply	Advanced Electronic Power, 100-240 V/50-60Hz
Connection	2"-DN150
Total power input of UV lamps	48 - 522 W
Wiper	Without wiper
Material	Stainless-steel reactor 316L (Salt water resistant)
Option	Temperature sensor UV sensor

	Connection	Max flow rate (m <sup>3</sup> /h) Public pools (UV dose 60 mJ/cm <sup>2</sup> )	Max flow rate (m <sup>3</sup> /h) Private pools (UV dose 30 mJ/cm <sup>2</sup> )	Max flow rate (m <sup>3</sup> /h)	Total power input of UV lamps (W)/phase
LifeUVC0148-16-NW-EB-BCD-G2	2"	3	6	20	48 / 1
LifeUVC0187-16-NW-EB-BCD-G3	3"	6,5	13	49	87 / 1
LifeUVC0287-16-NW-EB-BCD-G3	3"	13	26	49	174 / 1
LifeUVC0387-16-NW-EB-BCD-G3	3"	20	40	49	261 / 1
LifeUVC0387-20-NW-EB-BCD-DN100	DN100	25	50	80	261 / 1
LifeUVC0487-20-NW-EB-BCD-DN125	DN125	34	68	120	348 / 1
LifeUVC0587-20-NW-EB-BCD-DN125	DN125	42	84	120	435 / 1
LifeUVC0687-20-NW-EB-BCD-DN150	DN150	50	100	170	522 / 1
LifeUVC0687-27-NW-EB-BCD-DN150	DN150	66	132	170	522 / 1

# ProfiPure

## Smallest medium Pressure UV you can get

Medium-pressure UV



Permanent chlorine-free disinfection and elimination of unhealthy trichloramine in one compact system. Healthy pool technology. The first

skincare UVM technology on the market, which prevents aging of the skin. Minimizing the chemicals in the water plus reduction of monthly costs.



Expected life of UV lamp	5,000 hours
Technology (Series)	Medium-pressure UV systems (200–600 nm)
Application	<input type="checkbox"/> Indoor pools <input type="checkbox"/> Outdoor pools <input type="checkbox"/> Whirlpools
Salt pool resistant (salt concentration up to 5 kg/m <sup>3</sup> )	Yes
Private pool: Max pool volume	294 m <sup>3</sup>
Private pool: Max flow rate (UV dose 30 mJ/cm <sup>2</sup> )	49 m <sup>3</sup> /h
Public pool: Max flow rate (UV dose 60 mJ/cm <sup>2</sup> )	30 m <sup>3</sup> /h

Power supply	Magnetic power supply
Connection	1 1/2"–3"
Total power input of UV lamps	0,25 - 0,8 kW
Wiper	Without wiper
Material	Stainless-steel reactor 316L (Salt water resistant)
Extension	Temperature sensor

Without wiper (NW)	Manual wiper (MW)	Automatic wiper (AW)	Connection	Max volume (m <sup>3</sup> ) Private pools and whirlpools	Max flow rate (m <sup>3</sup> /h) Private pools and whirlpools (UV dose 30 mJ/cm <sup>2</sup> )	Max flow rate (m <sup>3</sup> /h) Public pools and whirlpools (UV dose 60 mJ/cm <sup>2</sup> )	Total power input of UV lamps (kW) / phase
ProfiPure 100	-	-	1 1/2"	72	12	4.7	0.25 / 1
ProfiPure 200	-	-	2"	84	14	4.7	0.25 / 1
ProfiPure 300	-	-	2"	106	18	9.0	0.25 / 1
ProfiPure 400	-	-	3"	180	30	15	0.40 / 1

# ProfiTiny

## Medium Pressure UV with wiper

Medium-pressure UV



Permanent chlorine-free disinfection and elimination of unhealthy trichloramine in one compact system. Healthy pool technology. The first skincare UVM technology on the market, which prevents aging of the skin.

Minimizing the chemicals in the water plus reduction of monthly costs. Manual wiper is easy way to clean the surface of the quartz sleeves periodically to prevent energy losses and water treatment reduction.



Expected life of UV lamp	5,000 hours
Technology (Series)	Medium-pressure UV systems (200–600 nm)
Application	Indoor pools   Outdoor pools   Whirlpools
Salt pool resistant (salt concentration up to 5 kg/m <sup>3</sup> )	Yes
Private pool: Max pool volume	294 m <sup>3</sup>
Private pool: Max flow rate (UV dose 30 mJ/cm <sup>2</sup> )	49 m <sup>3</sup> /h
Public pool: Max flow rate (UV dose 60 mJ/cm <sup>2</sup> )	44 m <sup>3</sup> /h

Power supply	Magnetic power supply
Connection	2"–3"
Total power input of UV lamps	0,4 - 0,8 kW
Wiper	Without wiper, Manual wiper
Material	Stainless-steel reactor 316L (Salt water resistant)
Extension	Temperature sensor

Without wiper (NW)	Manual wiper (MW)	Automatic wiper (AW)	Connection	Max volume (m <sup>3</sup> ) Private pools and whirlpools	Max flow rate (m <sup>3</sup> /h) Private pools and whirlpools (UV dose 30 mJ/cm <sup>2</sup> )	Max flow rate (m <sup>3</sup> /h) Public pools and whirlpools (UV dose 60 mJ/cm <sup>2</sup> )	Total power input of UV lamps (kW) / phase
LifeUVM0104-13-NW-MP-LE	LifeUVM0104-13-MW-MP-LE	-	2"	110	20	16	0,4 / 1
LifeUVM0104-25-NW-MP-LE	LifeUVM0104-25-MW-MP-LE	-	3"	230	38	27	0,4 / 1
LifeUVM0204-25-NW-MP-LE	LifeUVM0204-25-MW-MP-LE	-	3"	294	49	44	0,8 / 1

# Charm

## Fully automatic Medium Pressure UV

Medium-pressure UV



Permanent chlorine-free disinfection and elimination of unhealthy trichloramine in one compact system. Healthy pool technology. The first skincare UVM technology on the market, which prevents aging of the skin. Minimizing the chemicals in the water plus reduction of monthly costs.

The unique LifeAGE® technology will reduce operating costs by up to 25% compared to standard UVM systems. Reduction of chlorine dose by up to 50%. Automatic wiper is best way to clean the surface of the quartz sleeves periodically to prevent UV dose losses and water treatment reduction.



Expected life of UV lamp	10,000 hours
Technology (Series)	Medium-pressure UV systems (200–600 nm)
Application	Indoor pools   Outdoor pools   Whirlpools
Salt pool resistant (salt concentration up to 5 kg/m <sup>3</sup> )	Yes
Private pool: Max pool volume	252 m <sup>3</sup>
Private pool: Max flow rate (UV dose 30 mJ/cm <sup>2</sup> )	49 m <sup>3</sup> /h
Public pool: Max flow rate (UV dose 60 mJ/cm <sup>2</sup> )	33 m <sup>3</sup> /h

Power supply	Advanced electronic power supply (LifeAGE® technology)
Connection	2"–3"
Total power input of UV lamps	0.4–0.6 kW
Wiper	Manual wiper, Automatic wiper
Material	Stainless-steel reactor 316L (Salt water resistant)
Extension	Temperature sensor

Without wiper (NW)	Manual wiper (MW)	Automatic wiper (AW)	Connection	Max volume (m <sup>3</sup> ) Private pools and whirlpools	Max flow rate (m <sup>3</sup> /h) Private pools and whirlpools (UV dose 30 mJ/cm <sup>2</sup> )	Max flow rate (m <sup>3</sup> /h) Public pools and whirlpools (UV dose 60 mJ/cm <sup>2</sup> )	Total power input of UV lamps (kW) / phase
-	LifeUVM0104-13-MW-AEP-LD	LifeUVM0104-13-AW-AEP-LD	2"	110	20	16	0.4 / I
-	LifeUVM0104-25-MW-AEP-LD	LifeUVM0104-25-AW-AEP-LD	3"	230	38	27	0.4 / I
-	LifeUVM0106-25-MW-AEP-LD	LifeUVM0106-25-AW-AEP-LD	3"	294	49	33	0.6 / I

# Clear PRO

Medium-pressure UV

## Pure Water. Pure Performance



The advanced medium-pressure UV system on the market. Permanent Disinfection & Destruction of Unhealthy Trichloramine in One Compact System. Trichloramine causes: asthma, pool odor, red eyes, drying and burning

of the skin, and corrosion. Compared to standard UVM systems, this technology ensures superior hygiene and a significant reduction of chlorine dosage.



Expected life of UV lamp	9,500 hours
Technology (Series)	Medium-pressure UV systems (200–600 nm)
Application	<input type="checkbox"/> Indoor pools <input type="checkbox"/> Outdoor pools <input type="checkbox"/> Whirlpools
Salt pool resistant (salt concentration up to 5 kg/m <sup>3</sup> )	Yes
Public pool: Max flow rate (UV dose 60 mJ/cm <sup>2</sup> )	up to 910 m <sup>3</sup> /h

Power supply	Electronic power
Connection	DN 125 – DN 400 (flange)
Total power input of UV lamps	1 – 18 kW
Wiper	Manual wiper, Automatic wiper
Material	Stainless-steel reactor 316L (Salt water resistant)
Extension	Temperature sensor UV sensor Modbus connection TS touch display

Without wiper (NW)	Manual wiper (MW)	Automatic wiper (AW)	Connection DN	Max flow rate (m <sup>3</sup> /h) Public pools and whirlpools (UV dose 60 mJ/cm <sup>2</sup> )	Total power input of UV lamps (kW) / phase
-	LifeUVM0110-13-MW-EP-TS-D-DN125	LifeUVM0110-13-AW-EP-TS-D-DN125	125	33	1/I
-	LifeUVM0110-16-MW-EP-TS-D-DN150	LifeUVM0110-16-AW-EP-TS-D-DN150	150	46	1/I
-	LifeUVM0120-16-MW-EP-TS-D-DN150	LifeUVM0120-16-AW-EP-TS-D-DN150	150	63	2/I
-	LifeUVM0120-21-MW-EP-TS-D-DN200	LifeUVM0120-21-AW-EP-TS-D-DN200	200	88	2/I
-	LifeUVM0120-21-MW-EP-TS-D-DN150	LifeUVM0120-21-AW-EP-TS-D-DN150	150	88	2/I
-	LifeUVM0130-27-MW-EP-TS-D-DN250	LifeUVM0130-27-AW-EP-TS-D-DN250	250	147	3/I
-	LifeUVM0130-27-MW-EP-TS-D-DN150	LifeUVM0130-27-AW-EP-TS-D-DN150	150	147	3/I
-	LifeUVM0130-32-MW-EP-TS-D-DN300	LifeUVM0130-32-AW-EP-TS-D-DN300	300	207	3/I
-	LifeUVM0130-32-MW-EP-TS-D-DN250	LifeUVM0130-32-AW-EP-TS-D-DN250	250	207	3/I
-	LifeUVM0230-27-MW-EP-TS-D-DN250	LifeUVM0230-27-AW-EP-TS-D-DN250	250	252	6/III
-	LifeUVM0230-32-MW-EP-TS-D-DN300	LifeUVM0230-32-AW-EP-TS-D-DN300	300	315	6/III
-	LifeUVM0230-32-MW-EP-TS-D-DN250	LifeUVM0230-32-AW-EP-TS-D-DN250	250	315	6/III
-	LifeUVM0330-32-MW-EP-TS-D-DN300	LifeUVM0330-32-AW-EP-TS-D-DN300	300	462	9/III
-	LifeUVM0430-32-MW-EP-TS-D-DN300	LifeUVM0430-32-AW-EP-TS-D-DN300	300	616	12/III
-	LifeUVM0430-37-MW-EP-TS-D-DN350	LifeUVM0430-37-AW-EP-TS-D-DN350	350	630	12/III
-	LifeUVM0430-40-MW-EP-TS-D-DN400	LifeUVM0430-40-AW-EP-TS-D-DN400	400	644	12/III
-	LifeUVM0430-40-MW-EP-TS-D-DN350	LifeUVM0430-40-AW-EP-TS-D-DN350	350	644	12/III
-	LifeUVM0530-40-MW-EP-TS-D-DN400	LifeUVM0530-40-AW-EP-TS-D-DN400	400	770	15/III
-	LifeUVM0530-40-MW-EP-TS-D-DN350	LifeUVM0530-40-AW-EP-TS-D-DN350	350	770	15/III
-	LifeUVM0630-40-MW-EP-TS-D-DN400	LifeUVM0630-40-AW-EP-TS-D-DN400	400	910	18/III

# TOP direct

## Best UV you can get

Medium-pressure UV



The most advanced medium-pressure UV system on the market. Permanent Disinfection & Destruction of Unhealthy Trichloramine in One Compact System with Unique LifeAGE® Technology. Trichloramine causes: asthma, pool odor, red eyes, drying and burning of the skin, corrosion. The unique LifeAGE® technology will reduce operating costs by up to 50% compared to

standard UVM systems, extend the lifetime of UVM lamps by up to 100%, ensure automatic regulation of the UVM lamp radiation performance according to the current pool water pollution. Reduction of chlorine dosage by up to 50%.



Expected life of UV lamp	18,000 hours
Technology (Series)	Medium-pressure UV systems (200–600 nm)
Application	Indoor pools   Outdoor pools   Whirlpools
Salt pool resistant (salt concentration up to 5 kg/m³)	Yes
Public pool: Max flow rate (UV dose 60 mJ/cm²)	up to 910 m³/h

Power supply	Advanced electronic power supply - LifeAGE®
Connection	DN 125 – DN 400 (flange)
Total power input of UV lamps	1 – 18 kW
Wiper	Manual wiper, Automatic wiper
Material	Stainless-steel reactor 316L (Salt water resistant)
Extension	Temperature sensor UV sensor Modbus connection TS touch display

Without wiper (NW)	Manual wiper (MW)	Automatic wiper (AW)	Connection DN	Max flow rate (m³/h) Public pools and whirlpools (UV dose 60 mJ/cm²)	Total power input of UV lamps (kW) / phase
-	LifeUVM0110-13-MW-AEP-TS-D-DN125	LifeUVM0110-13-AW-AEP-TS-D-DN125	125	33	1/I
-	LifeUVM0110-16-MW-AEP-TS-D-DN150	LifeUVM0110-16-AW-AEP-TS-D-DN150	150	46	1/I
-	LifeUVM0120-16-MW-AEP-TS-D-DN150	LifeUVM0120-16-AW-AEP-TS-D-DN150	150	63	2/I
-	LifeUVM0120-21-MW-AEP-TS-D-DN200	LifeUVM0120-21-AW-AEP-TS-D-DN200	200	88	2/I
-	LifeUVM0120-21-MW-AEP-TS-D-DN150	LifeUVM0120-21-AW-AEP-TS-D-DN150	150	88	2/I
-	LifeUVM0130-27-MW-AEP-TS-D-DN250	LifeUVM0130-27-AW-AEP-TS-D-DN250	250	147	3/I
-	LifeUVM0130-27-MW-AEP-TS-D-DN150	LifeUVM0130-27-AW-AEP-TS-D-DN150	150	147	3/I
-	LifeUVM0130-32-MW-AEP-TS-D-DN300	LifeUVM0130-32-AW-AEP-TS-D-DN300	300	207	3/I
-	LifeUVM0130-32-MW-AEP-TS-D-DN250	LifeUVM0130-32-AW-AEP-TS-D-DN250	250	207	3/I
-	LifeUVM0230-27-MW-AEP-TS-D-DN250	LifeUVM0230-27-AW-AEP-TS-D-DN250	250	252	6/III
-	LifeUVM0230-32-MW-AEP-TS-D-DN300	LifeUVM0230-32-AW-AEP-TS-D-DN300	300	315	6/III
-	LifeUVM0230-32-MW-AEP-TS-D-DN250	LifeUVM0230-32-AW-AEP-TS-D-DN250	250	315	6/III
-	LifeUVM0330-32-MW-AEP-TS-D-DN300	LifeUVM0330-32-AW-AEP-TS-D-DN300	300	462	9/III
-	LifeUVM0430-32-MW-AEP-TS-D-DN300	LifeUVM0430-32-AW-AEP-TS-D-DN300	300	616	12/III
-	LifeUVM0430-37-MW-AEP-TS-D-DN350	LifeUVM0430-37-AW-AEP-TS-D-DN350	350	630	12/III
-	LifeUVM0430-40-MW-AEP-TS-D-DN400	LifeUVM0430-40-AW-AEP-TS-D-DN400	400	644	12/III
-	LifeUVM0430-40-MW-AEP-TS-D-DN350	LifeUVM0430-40-AW-AEP-TS-D-DN350	350	644	12/III
-	LifeUVM0530-40-MW-AEP-TS-D-DN400	LifeUVM0530-40-AW-AEP-TS-D-DN400	400	770	15/III
-	LifeUVM0530-40-MW-AEP-TS-D-DN350	LifeUVM0530-40-AW-AEP-TS-D-DN350	350	770	15/III
-	LifeUVM0630-40-MW-AEP-TS-D-DN400	LifeUVM0630-40-AW-AEP-TS-D-DN400	400	910	18/III

# LifeOX® M

AOP

## The best technology money can get

Advanced Oxidation & Prevention of the Formation of Unhealthy Trichloramine & TOC Reduction in One Compact System = The Most Effective Pool Water Treatment Technology with the Fastest Return on Investment. Trichloramine causes: asthma, pool odor, red eyes, drying and burning of the skin, corrosion.

TOC - the total amount of organic substances contaminating the water. Reducing TOC increases the amount of recyclable washing water after washing the filters = saving water and energy.












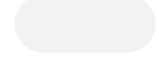
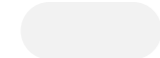
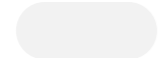
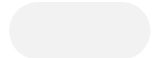

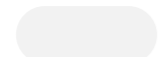
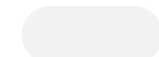

Technology	AOP (Advanced Oxidation Process)
Application	<input type="checkbox"/> Indoor pools <input type="checkbox"/> Outdoor pools <input type="checkbox"/> Whirlpools
Salt pool resistant (salt concentration up to 5 kg/m³)	Yes
Max flow rate	up to 250 m³/h
Ozone generation	Air dryer Oxygen concentrator
Ozone generation technology	Corona discharge
AOP technology	Ozone + UV
Power control	10–100 %
Installation	Plug & Play
Connection system	In pipes (in-line) In by-pass
UV lamp type	Medium-pressure LifeUVM®











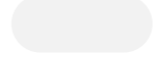
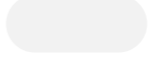
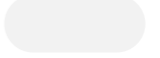
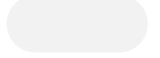
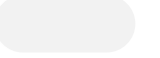


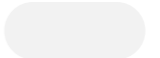
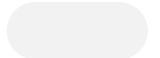
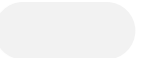





Power supply	Advanced electronic power supply - LifeAGE®
Connection	2"-3", DN150 – 250 (flange)
Input power (kW)	1.8– 9.0
Wiper	Without wiper , Automatic wiper
Material	Stainless-steel reactor 316L (Salt water resistant)
Extension	Temperature sensor UV sensor Modbus connection TS touch display

Model	Ozone generation	Connection	Max flow rate (m³/h) Public pools	Total power input of UV lamps (kW)/phase	Total power input of AOP (kW)	Dimensions (mm)	Weight (kg)
LifeOX® M10.EP	Air dryer	2"	10	0,4 / III	1,8	1063x740x1,334	120
LifeOX® M20.EP	Air dryer	2"	20	0,6 / III	2.0	1063x740x1,334	120
LifeOX® M40.EP	Oxygen concentrator	3"	40	0,6 / III	2.5	1,151x750x1,500	135
LifeOX® M90.EP	Oxygen concentrator	DN 150 (flange)	90	2 / III	3.9	1,300x1,260x1,800	250
LifeOX® M140.EP	Oxygen concentrator	DN 150 (flange)	140	3 / III	5.9	1,310x1,300x1,800	250
LifeOX® M250.EP	Oxygen concentrator	DN 250 (flange)	250	6 / III	9.0	1,310x1,300x1,800	280

# Product comparison

## Technical parameters

					
	LifeOX® L	LifeUVC	ProfiPure	ProfiTiny	Charm
Water disinfection	Yes	Yes	Yes	Yes	Yes
AOP oxidation of organic matter	-	-	-	-	-
Trichloramine removal (part of bound chlorine)	-	-	Yes	Yes	Yes
Preventing the formation of Trichloramine (causes asthma, pool odor, burning eyes, corrosion, damages skin)	-	-	-	-	-
TOC reduction	-	-	-	-	-
Salt pool resistant (salt concentration up to 5 kg/m <sup>3</sup> )	Yes	Yes	Yes	Yes	Yes
Expected life of UV lamp	16 000 hours	16 000 hours	5 000 hours	5 000 hours	10 000 hours
Technology (Series)	Low-pressure UV	Low-pressure UV	Medium-pressure UV	Medium-pressure UV	Medium-pressure UV
IoT	Yes	-	-	-	-
Max pool private volume	87 m <sup>3</sup>	-	294 m <sup>3</sup>	294 m <sup>3</sup>	252 m <sup>3</sup>
Max flow rate Private pools and whirlpools (UV dose 30 mJ/cm <sup>2</sup> )	23 m <sup>3</sup> /h	66 m <sup>3</sup> /h	49 m <sup>3</sup> /h	49 m <sup>3</sup> /h	42 m <sup>3</sup> /h
Max flow rate (m <sup>3</sup> /h) Public pools and whirlpools (UV dose 60 mJ/cm <sup>2</sup> )	-	132 m <sup>3</sup> /h	30 m <sup>3</sup> /h	44 m <sup>3</sup> /h	33 m <sup>3</sup> /h
Application	Indoor pools, Outdoor pools, Whirlpools	Indoor pools, Outdoor pools, Whirlpools	Indoor pools, Outdoor pools, Whirlpools	Indoor pools, Outdoor pools, Whirlpools	Indoor pools, Outdoor pools, Whirlpools
Power supply	Advanced Electronic Ballast,	Advanced Electronic Ballast,	Magnetic power supply	Magnetic power supply	Advanced electronic power supply (LifeAGE® technology)
					
Connection	DN 75/65/50	2"-DN150	1 1/2"-3"	2"-3"	2"-3"
Total power input of UV lamps (1) / Input power of AOP (2)	48-87 W <sup>(1)</sup>	48 - 522 W <sup>(1)</sup>	0.25 - 0.8 kW <sup>(1)</sup>	0.4 - 0.8 kW <sup>(1)</sup>	0.4 - 0.6 kW <sup>(1)</sup>
Wiper	Without wiper 	Without wiper 	Without wiper 	Without wiper 	Without wiper 
	Manual wiper 	Manual wiper 	Manual wiper 	Manual wiper 	Manual wiper 
	Automatic wiper 	Automatic wiper 	Automatic wiper 	Automatic wiper 	Automatic wiper 
Extension	-	Temperature sensor (Option) UV sensor (Option)	Temperature sensor	Temperature sensor	Temperature sensor

					
	Clear PRO	Top	LifeOX® M10,20	LifeOX® M40	LifeOX® M90,140,250
Water disinfection	Yes	Yes	UV disinfection combined with AOP water purification	UV disinfection combined with AOP water purification	UV disinfection combined with AOP water purification
AOP oxidation of organic matter	-	-	Yes	Yes	Yes
Trichloramine removal (part of bound chlorine)	Yes	Yes	Yes	Yes	Yes
Preventing the formation of Trichloramine (causes asthma, pool odor, burning eyes, corrosion, damages skin)	-	-	Yes	Yes	Yes
TOC reduction	-	-	Yes	Yes	Yes
Salt pool resistant (salt concentration up to 5 kg/m <sup>3</sup> )	Yes	Yes	Yes	Yes	Yes
Expected life of UV lamp	9 500 hours	18 000 hours	10 000 hours	10 000 hours	18 000 hodin
Technology (Series)	Medium-pressure UV	Medium-pressure UV	AOP (Advanced Oxidation Process)	AOP (Advanced Oxidation Process)	AOP (Advanced Oxidation Process)
IoT	-	-	-	-	-
Max pool private volume	-	-	120 m <sup>3</sup>	240 m <sup>3</sup>	1500 m <sup>3</sup>
Max flow rate Private pools and whirlpools (UV dose 30 mJ/cm <sup>2</sup> )	-	-	20 m <sup>3</sup> /h /1 unit	40 m <sup>3</sup> /h /1 unit	250 m <sup>3</sup> /h /1 unit
Max flow rate (m <sup>3</sup> /h) Public pools and whirlpools (UV dose 60 mJ/cm <sup>2</sup> )	910 m <sup>3</sup> /h	910 m <sup>3</sup> /h	20 m <sup>3</sup> /h /1 unit	40 m <sup>3</sup> /h /1 unit	250 m <sup>3</sup> /h /1 unit
Application	Indoor pools, Outdoor pools, Whirlpools	Indoor pools, Outdoor pools, Whirlpools	Indoor pools, Outdoor pools, Whirlpools	Indoor pools, Outdoor pools	Indoor pools, Outdoor pools
Power supply	Electronic power	Advanced electronic power supply (LifeAGE® technology)	Advanced electronic power supply (LifeAGE® technology)	Advanced electronic power supply (LifeAGE® technology)	Advanced electronic power supply (LifeAGE® technology)
					
Connection	DN 125 – DN 400 (flange)	DN 125 – DN 400 (flange)	2"	3"	DN 150 – DN 250 (flange)
Total power input of UV lamps (1) / Input power of AOP (2)	1 – 18 kW <sup>(1)</sup>	1 – 18 kW <sup>(1)</sup>	1.8–2 kW <sup>(2)</sup>	2,5 kW <sup>(2)</sup>	3,5–9.0 kW <sup>(2)</sup>
Wiper	Without wiper 	Without wiper 	Without wiper 	Without wiper 	Without wiper 
	Manual wiper 	Manual wiper 	Manual wiper 	Manual wiper 	Manual wiper 
	Automatic wiper 	Automatic wiper 	Automatic wiper 	Automatic wiper 	Automatic wiper 
Extension	Temperature sensor UV sensor Modbus connection TS touch display	Temperature sensor UV sensor Modbus connection TS touch display	Temperature sensor	Temperature sensor	Temperature sensor UV sensor Modbus connection TS touch display

# Contact

Please do not hesitate to contact us with any questions or comments.

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