



## Legionella-Safe series

The Legionella Safe-series is a user-friendly gatekeeper in legionella management. Not only does it prevent legionella infections, your organization is also able to save on energy and labor. With the L-Safe systems you have pre-filters, UV units, automatic valves and pipework on a single frame. Only one L-Safe system is needed to treat flows from 1,5 m<sup>3</sup>/h to 60 m<sup>3</sup>/h. The series is also BRL 14010-1 certified and can therefore be used at both priority and care-related locations.

### L-Safe 200 serie

The L-Safe 200 series consists of a duplicate system. This means that in the event of maintenance or malfunction

of one of the UV systems or pre-filters, 50% of the water flow is still treated.

### L-Safe 300 serie

The L-Safe 300 series consists of a triplicate system. This means that in the event of maintenance or malfunction of one of the UV systems or pre-filters, 100% of the water flow is still treated.

## Characteristics

- BRL 14010-1 certified and validated according to NEN-EN 14897
- Reliable and effective disinfection
- Easy to use
- Energy efficient
- Low pressure lamps with long lifetime and high UV-C efficiency



## L-Safe 200 serie

Type	L200	L210	L230	L240	L260	L270	L280	L290
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### General

Max. pressure	7 Bar							
Dimensions (Lxbxh) in mm	700 x 600 x 1150	700 x 600 x 1150	900 x 700 x 1300	900 x 700 x 1300	1000 x 700 x 1600	2700 x 1100 x 1800	2700 x 1100 x 1800	3000 x 1200 x 1800
Weight (KG)	48	48	56	70	100	170	180	210
Preferred water temperature (°C)	5 °C - 30 °C							

### Pipework

Material	PVC-U (KIWA ATA)							
Diameter in-/outlet (mm)	32	32	50	50	63	63	75	100
Diameter piping (mm)	20	20	20	20	20	20	20	20

### Filter

Housing	304L / 14306 RVS							
Filter candle	Meltblown 3 layer 1µm							
Amount/filter housing	3x 20"	3x 20"	4x 20"	4x 20"	5x 40"	10x 30"	10x 40"	20x 30"

### UV-System

Material	316L / 14404 RVS							
Lamp type	25W Regular	50W Regular	50W Regular	60W Long Life	12W Long Life	205W Long Life	205W Long Life	325W Long Life
Voltage	230 VAC 50/60Hz							
Lamp power (Watt)	25W	50W	50W	60W	120W	205W	205W	325W
Lamp lifespan (hours)	8000			16000				
Number of lamps	2	2	2	2	2	2	2	2

### Control Unit

Technical data	Lampstatus, lamp hours, system running time, volt free alarm contacts							
Sensors	UV-C sensor (UVS) en Temperature safety Dumpvalve (TSD)							
Operating voltage	230 VAC, 50/60 Hz							
Protection rating	IP55							
Preferred ambient temperature (°C)	5°C - 35°C							
Total power consumption (Watt)	60	120	120	140	280	460	460	730

### Approvals

Validated according to	Kiwa ATA, Kiwa BRL K14010-1							
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### Capacities in m³ at a dose of 400 J/m²

Type	L200	L210	L230	L240	L260	L270	L280	L290
Capacity	15	3	6	10	20	30	40	60

## L-Safe 300 serie

Type	L300	L310	L330	L340	L360	L370	L380	L390
<b>General</b>								
Max. pressure	7 Bar							
Dimensions (lxbxh) in mm	700 x 800 x 1150	700 x 800 x 1150	900 x 1000 x 1300	900 x 1000 x 1300	1000 x 1000 x 1600	2700 x 1200 x 1800	2700 x 1200 x 1800	3000 x 1580 x 1800
Weight (KG)	60	60	70	90	140	230	240	300
Preferred water temperature (°C)	5 °C - 30 °C							
<b>Pipework</b>								
Material	PVC-U (KIWA ATA)							
Diameter in-/outlet (mm)	32	32	50	50	63	63	75	100
Diameter piping (mm)	20	20	20	20	20	20	20	20
<b>Filter</b>								
Housing	304L/ 14306 RVS							
Filter candle	Meltblown 3 layer 1µm							
Amount/filter housing	3x 20"	3x 20"	4x 20"	4x 20"	5x 40"	10x 30"	10x 40"	20x 30"
<b>UV-System</b>								
Material	316L / 14404 RVS							
Lamp type	25W Regular	50W Regular	50W Regular	60W Long Life	120W Long Life	205W Long Life	205W Long Life	325W Long Life
Voltage	230 VAC 50/60Hz							
Lamp power (Watt)	25	50	50	60	120	205	205	325
Lamp lifespan (hours)	8000			16000				
Number of lamps	3	3	3	3	3	3	3	3
<b>Control Unit</b>								
Technical data	Lampstatus, lamp hours, system running time, volt free alarm contacts							
Sensors	UV-C sensor (UVS) en Temperature safety Dumpvalve (TSD)							
Operating voltage	230 VAC, 50/60 Hz							
Protection rating	IP55							
Preferred ambient temperature (°C)	5°C - 35°C							
Total power consumption (Watt)	90	180	180	210	420	690	690	1095
<b>Approvals</b>								
Validated according to	Kiwa ATA, Kiwa BRL K14010-1							
<b>Capacities in m³ at a dose of 400 J/m²</b>								
Type	L300	L310	L330	L340	L360	L370	L380	L390
Capacity	15	3	6	10	20	30	40	60