

# aquama<sup>®</sup>

## FALCON S<sup>®</sup>

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The Falcon S<sup>®</sup> is the only machine in the world producing a detergent and disinfectant solution via a smartphone application. The reactors of the Falcon S<sup>®</sup> allow you to regulate the desired strength of the solution in order to achieve the highest virucide and bactericide standards. The Falcon S<sup>®</sup> combines a very sleek design with a one-piece aluminium structure for an unmatched solidity/longevity.





# FALCON S<sup>®</sup>

## Solution specifications

- pH: 9
- Salinity: < 3.5 % (depending on solution type)
- FAOx: 50 ppm – 1 000 ppm
- Rx: 750 – 1100 mV
- NaOCL active solution: max. 1%
- H<sub>2</sub>O: > 99%

## Machine specifications

- Materials: aluminium / plastic ABS / plexiglas (from Switzerland and Germany)
- Automatic start / stop
- Flow rate varies depending on the type of solution produced (at 150ppm the flow rate is at 0.5 l /min)
- Size (mm): 308H x 308P x 156L
- Internal water tank with 3 litres
- Tank for salt tablets
- Sound emission: < 65 dB(A)

- Electric connection: 110V/220 V, 50/60 Hz, 300W
- Standards: EN1276, EN1650, EN13697, EN14476, EN14476+A2 et EN16777, EN1500
- Warranty: Please see terms and conditions with your local distributor

## Inlet water requirements

### Water quality

Soft water with the following maximum hardness:

- Germany (°D): 7.87
- France (°f): 14.00
- England (°E): 9.79
- Milli equivalent / l - Millival: 2.80
- ppm CaCO<sub>3</sub>: 140.00
- mmol / l CaCO<sub>3</sub>: 1.40
- Temperature of water intake (min-max): 10 – 25 °C (ideally use cold water)

































<b>Installation check-list</b>	Specifications	>
<b>Machine size (mm)</b>	308H x 308P x 156L	>
<b>Electrical connection</b>	220V / 110V	>



# aquama®

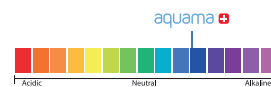
## Indigo®

Disinfectant & detergent

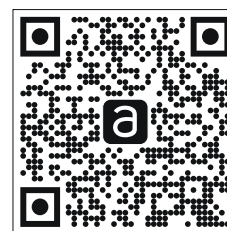
<b>COMPOSITION</b>	 +  +  +  = 
<b>SECTOR</b>	      
<b>METHOD</b>	    
<b>APPLICATION</b>	       
<b>SURFACE</b>	    

\* Test the solution on a non-visible part of the fabric beforehand to avoid discoloration  
 \*\*Max 1000ppm

aquama® obtained the EN14476 standard, which measures the effectiveness of products on all encapsulated and non-encapsulated viruses, such as the coronavirus, EN/CH/BS14476 Virucide standard and EN14476+A2 (hand disinfection) at 1,000ppm on clean surfaces. Solution approved by the Federal Office of Public Health (Suisse-BAG).



Connect via the aquama® application to take control of the machine.



USAGE	Power OFSP number / litres per 24 hours	CLIENT GROUP				
		Historical Client	Owner	Owner Group	Professional with machine	Professional without machine
LIGHT (detergence) 1'011L	0.05	0.07	0.07	0.23	0.33	1.66
NORMAL (Bactericide / yeasticide only) CHZN3975 / 629L	0.15	0.23	0.23	0.49	0.99	4.98
MEDIUM (Virucide Clean conditions) CHZN5805 / 358L	0.23	0.35	0.35	0.99	1.49	7.47
HIGH (Virucide dirty conditions) CHZN5805 / 170L	0.3	0.46	0.46	1.49	1.98	9.96
HAND DISINFECTION CHZN6423 / 245L	1.29	1.98	1.98	4.98	4.98	4.98

Person or company owning the machine	
Sanitary company	Manager
Address	Signature

