

aquama[®]

FALCON S[®]

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





FALCON S[®]

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%
- H₂O: > 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 CaCO₃: 140.00
- mmol / l CaCO₃: 1.40
- Temperature of water intake (min-max): 10 – 25 °C (ideally use cold water)



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





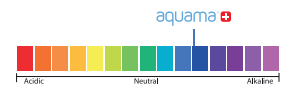
Indigo®

Disinfectant & detergent

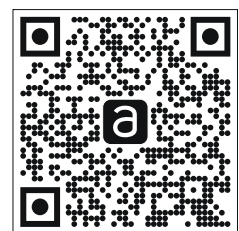
COMPOSITION	+ + + =
SECTOR	etc...
METHOD	
APPLICATION	
SURFACE	

* 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

