

aquama®

FALCON R® VRB

The Falcon R® VRB is the only machine in the world producing a detergent and disinfectant solution (COVID-19) whose power can be regulated via a smartphone application (available on Google Play / App Store). Within the application, you can locate the machine, connect to it, choose the solution you need and even resell it. The Falcon R® VRB comprises of two VRB hydrolytic reactors, with an unmatched power that allow you to achieve an unmatched virucidity. Fight COVID-19 now by producing and reselling the aquama® Indigo® solution in a breeze.



1002 FALCON R VRB MODEL

Fully automated system for the production of active sodium hypochlorite solutions at desired concentrations. Automatic and preset filling of 600 ml sprays. Filling with a nozzle for large containers or cleaning devices is also possible via the app. An internal 15 litres tank of ready solution for a great autonomy.

NOTE

The upgrade from a Falcon R to a Falcon R VRB is possible only in the manufacturer's facilities.



FALCON R[®] VRB

Solution specifications

- pH: 8.5 – 9.5
- Salinity: < 0.5 %
- NaOCl (active solution): 120 to 2000ppm (< 0,02 % Natrium Hypochlorite)
- Water / H₂O : > 99.98%

Machine specifications

- Automatic start / stop
- Filling spray + gun via the application
- Water quality: drinkable with max. 8°dH (more requires a complementary installation)
- Production: up to 60 L / h
- External filling with a tank pistol at 8 L / min
- Size (cm): 43L x 47B x 138H
- Empty weight (kg): 60 kg
- Internal brine tank for the machine with 10 liters
- Sound emission: < 65 dB(A)
- Product tank: 15 liters / 12 useful liters
- Electric connection: 110V/220 V, 50/60 Hz, 300W
- Standards: EN1276, EN1650, EN13697
- Machine for sale or rental

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): 3 – 20°C
- Pressure: 2.5 – 3 bars

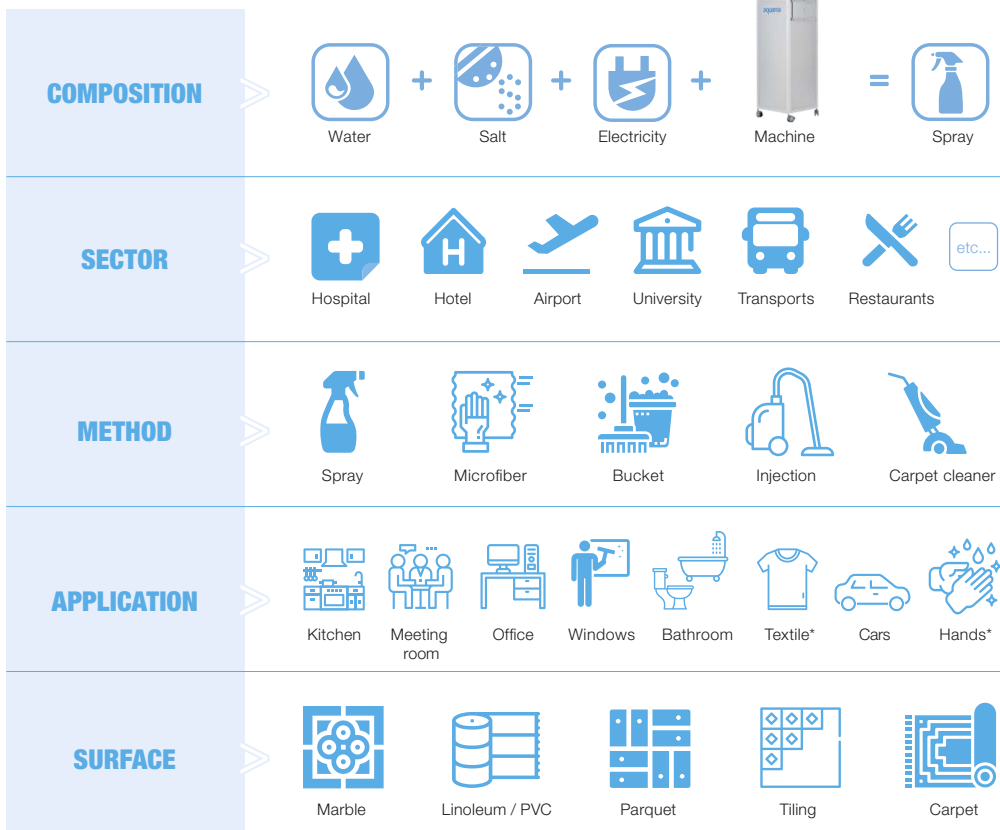
| Installation check-list | Specifications | > |
|--|--|---|
| Machine size (cm) and weight (kg) | 43L x 47D x 138H cm, 60 kg | > |
| Electrical connection | 220V / 110V | > |
| Water intake | 3/4" / Valve with external thread on the customer side | > |
| Evacuation | Via Siphon | > |
| Filter / pressure reducer | 1µ / 5µ / 50µ filter acc. water quality (to be ordered if not available!) Pressure reducer to a supply pressure of 3 bar required | > |



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Indigo®

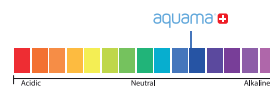
Disinfectant & detergent



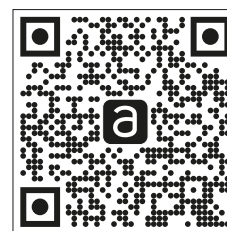
* max 1000ppm

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).

Safe  Local production 



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 |

Company owning the machine

Sanitary company

Manager

Address

Signature

