

### 1.1.1.

## DOSALux UV Disinfection Systems ALB

Single-lamp system with electropolished stainless steel for the capacity range between 0.3 – 3.6 m<sup>3</sup>/h.

### Product description:

- Single-lamp system with high-quality, centrally mounted quartz protection tube
- Digital display (only for ALB2: alarm LED, acoustic buzzer, day counter)
- High performance low pressure UV-C lamp in the 254 nm range
- UV-C dose > 300 J/m<sup>2</sup>
- Lamp service life approx. 9,000 hours
- Top maintenance connection for mounting the quartz protection tubes and for easy access to the reactor chamber
- Lamp guide opening with O-ring seal
- Reactor made of 1.4301 stainless steel (optionally 1.4404)
- Particularly hygienic and corrosion-resistant design
- Intake and drain pipes on the side (except 16-107/1-12 ALB)
- The system offers the option of stopping the water flow if the UV intensity is too low
- Capacity: 0.30 – 3.6 m<sup>3</sup>/h
- Operating pressure: max. 9 bar
- Water temperature 5 °C – 50 °C
- Power supply: 230 V, 50/60 Hz
- Protection category: IP 55

### Areas of application:

- For use in the private and public drinking water sector even under pressure.

### Scope of supply:

- DOSALux ALB UV disinfection system

### Ordering data:

| Type:             | Flow rate*:<br>l/min   m <sup>3</sup> /h | Lamp type: | Power input:<br>Watt | Item number: |
|-------------------|--|------------|----------------------|--------------|
| ALB 16-107/1-12   | 5   0.30                                 | UVL 12     | 12                   | 5016000      |
| ALB 16-403/1-16   | 10   0.60                                | UVL 16     | 16                   | 5016010      |
| ALB 16-405/1-30   | 19   1.14                                | UVL 30     | 30                   | 5016020      |
| ALB 16-412/1-40   | 45   2.70                                | UVL 40     | 40                   | 5016030      |
| ALB 16-440/1-30   | 60   3.60                                | UVL 40     | 40                   | 5016040      |
| ALB 2 16-405/1-30 | 19   1.14                                | UVL 30     | 30                   | 5016050      |
| ALB 2 16-412/1-40 | 45   2.70                                | UVL 40     | 40                   | 5016060      |

### Connections and dimensions:

| Type:<br>(*without connections) | Number of<br>lamps: | Protection<br>category: | Reactor connection:<br>inches | Reactor dimensions*:<br>Height   Ø (mm) | Weight:<br>kg: |
|---------------------------------|---------------------|-------------------------|-------------------------------|---|----------------|
| ALB 16-107/1-12                 | 1                   | IP 54                   | 1/8                           | 267   53                                | 0.4            |
| ALB 16-403/1-16                 |                     |                         | 1/2                           | 394   80                                | 0.7            |
| ALB 16-405/1-30                 |                     |                         | 3/4                           | 524   85                                | 1.5            |
| ALB 16-412/1-40                 |                     |                         | 1                             | 925   88                                | 2.5            |
| ALB 16-440/1-30                 |                     |                         | 1 1/2                         | 880   90                                | 5.5            |
| ALB 2 16-405/1-30               |                     |                         | 3/4                           | 524   85                                | 1.5            |
| ALB 2 16-412/1-40               |                     |                         | 1                             | 925   88                                | 2.5            |

Subject to technical modifications and printing errors. Images may vary slightly from actual product.  
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