

Model**03AL20**Hydraulic properties

Capacity <sup>1</sup> :	maximum 157 m <sup>3</sup> /h
Operating pressure:	maximum 10 bar
Operating water temperature:	5 - 45 °C
Headloss at maximum flow:	* 0.1 bar

<sup>1</sup> Calculated with average dose level  $J$  30 mJ/cm<sup>2</sup> at UV transmission of  $T_{10\text{ mm}}$   $J$  99%, after 8760 hours of operation

UV lamp configuration

Number of lamps:	3 lamps
Lamp type:	Amalgam, low pressure high intensity UV lamp single ended
Guaranteed lamp life:	8760 operational hours

Reactor chamber design

Quality Stainless Steel wetted parts:	316L
Quality other wetted parts:	Food Grade Quality
Dimensions:	See UV Logic Sales Drawing
Standard in- and outlet flange size:	DN150

Electrical requirements

Power consumption:	890 W
Fuse required:	16 A
Electrical connection:	240 V, 50 Hz, 1 phase + N + PE
Ballast type:	Electronic

Electronic control panel design

Quality material control panel:	Epoxy coated mild steel
Rating:	IP 54 (indoors), CE
Dimensions:	See UV Logic Sales Drawing

Standard features

- UV intensity monitor with alarm (dry contact)
- Elapsed time indicator with alarm (dry contact)
- Lamp failure indicator with alarm (dry contact)
- High temperature indicator with alarm (dry contact)
- Remote ON/OFF
- Mains ON/OFF switch
- 5 m long cable between reactor and control panel

Options

- 4 –20 mA UV output
- Ra 15 or Ra 25 internal surface finish
- Manual or automatic sleeve cleaning mechanism
- Alternative in- and outlet flange sizes
- Electrical control panel in 304 Stainless Steel