

Date: 2006-09-18 Rev: E Sign: AS/MÖ	JOWA UV-STERILISER JOWA UV
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2.0 Specifications

	UV1	UV2	UV3	UV 4	UV 5
Capacity:	0,9-1,3 m ³ /h depending on water quality (T ₅₀ =60%=>0,9 m ³ /h - T ₅₀ =90%=>1,3 m ³ /h)	1,2-1,8 m ³ /h depending on water quality (T ₅₀ =60%=>1,2 m ³ /h - T ₅₀ =90%=>1,8 m ³ /h)	2,5-4,1 m ³ /h depending on water quality (T ₅₀ =60%=>2,5 m ³ /h - T ₅₀ =90%=>4,1 m ³ /h)	3,8-6,1 m ³ /h depending on water quality (T ₅₀ =60%=>3,8 m ³ /h - T ₅₀ =90%=>6,1 m ³ /h)	5,8-10,5 m ³ /h depending on water quality (T ₅₀ =60%=>5,8 m ³ /h - T ₅₀ =90%=>10,5 m ³ /h)
Number of lamps:	1 pcs	2 pcs	3 pcs	4 pcs	5 pcs
Type of lamp:	JOWA 15W	JOWA 15W	JOWA 15W	JOWA 15W	JOWA 15W
Voltage:	230VAC 50/60Hz	230VAC 50/60Hz	230VAC 50/60Hz	230VAC 50/60Hz	230VAC 50/60Hz
Power consumption	35W	50W	65W	80W	95W
Power at 254 nm:	4,7W	9,4W	14,1W	18,8W	23,5W
UV-dosage:	36000µWs/cm ²	36000µWs/cm ²	36000µWs/cm ²	36000µWs/cm ²	36000µWs/cm ²
Alarm:	Relay output, normally open/closed 1A resistive	Relay output, normally open/closed 1A resistive	Relay output, normally open/closed 1A resistive	Relay output, normally open/closed 1A resistive	Relay output, normally open/closed 1A resistive
Ambient temperature	5-45 °C	5-45 °C	5-45 °C	5-45 °C	5-45 °C
Dimensions chamber:	129x471 mm (Diam. x Height)	114,3x471 mm (Diam. x Height)	154x471 mm (Diam. x Height)	168,3x471 mm (Diam. x Height)	219,1x471 mm (Diam. x Height)
Dimensions control unit:	200x300x80 (W x H x D)	200x300x80 (W x H x D)	300x400x120 (W x H x Dh)	300x400x120 (W x H x D)	300x400x120 (W x H x D)
Working pressure:	max 10 bar	max 10 bar	max 10 bar	max 10 bar	max 10 bar
Dimension inlet:	DN32 female threaded	DN32 female threaded	DN32 female threaded	DN32 female threaded	DN32 female threaded
Dimension outlet:	DN32 female threaded	DN32 female threaded	DN32 female threaded	DN32 female threaded	DN32 female threaded
Dimension solenoid valve:	DN25 female threaded	DN25 female threaded	DN25 female threaded	DN25 female threaded	DN25 female threaded
Empty weight:	15 kg	15 kg	27 kg	32 kg	35 kg
Material chamber:	AISI316L	AISI316L	AISI316L	AISI316L	AISI316L

Diagram 2.0.1 -Specifications for UV 1-5

UV-sensor at 254 nm.

Lamp monitoring system.

Shock mountings on chamber and cabinet.