



Agri
series



The Agri series is designed to support the irrigation industry through effective disinfection of the irrigation water. The series is based upon sturdiness and minimal maintenance. A powerful system that keeps working.

Agri offers disinfection security, regardless of the water's level of turbidity (transmittance). The self-managing wiping mechanism keeps the system clean. The system maintenance is minimal, as is its energy use, thanks to the use of low-pressure lamps. That's the way the Agri series combines reliability with low operational costs.

Characteristics

- High IP-class control panel (IP56)
- Monitoring of UV-C intensity with Automatic wiping mechanism
- Reliable and effective disinfection
- Low-pressure lamps with a long lifespan and high efficiency

Specifications



Type	A40	A80	A125	A150	A180	A240	A300	A335
UV chamber								
Material	316L / 1.4404 Stainless steel							
In-/Outlet Connections	DN100, PN16	DN100, PN16	DN150, PN16	DN150, PN16	DN200, PN16	DN200, PN16	DN250, PN16	DN250, PN16
Pressure drop	< 0.2 bar							
Max. Pressure	10 bar at 25°C							
Cleaning system	Fully automated wiper							
Mounting orientation	Horizontal/ Vertical	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Diameter - A (mm)	204	204	204	204	254	254	354	354
Height - B (mm)	287	287	287	287	336	336	354	354
Installation dimension - C (mm)	1131	1327	1597	1597	1573	1573	1692	1692
Length - D (mm)	1321	1891	2161	2161	2186	2186	2357	2357
Required working space - E (mm)	2500	3100	3640	3640	3670	3670	3980	3980
Weight (KG)	60	80	84	84	95	95	160	160
UV-C lamp								
Lamp type	120 W Long Life	205 W Long Life	325 W Long Life	325 W Long Life	325 W Long Life	325 W Long Life	325 W Long Life	325 W Long Life
Preferred water temperature (°C)	5°C - 30°C							
Total UV-C output (Watt)	152	232	464	580	580	812	928	1044
Lamp lifespan (hours)	16000							
Number of lamps	4	4	4	5	5	7	8	9
Control Unit								
Material	Plastic							
Dimensions (lxbxh)	847x636x300 mm					1056x852x350 mm		
Control features	OK/Running & Fault indicators, hours run meter, UV Intensity display, Temperature sensor							
Sensors	UV intensiteitssensor en temperatuursensor (TSS)							
Operating voltage	230 VAC, 50/60 Hz							
Electrical connection	16A C-char. / 10A D-char.	20A C-char./10A D-char.	25A C-char. /16A D-char.	40A C-char. /20A D-char.	50A C-char./25A D-char.			
Protection rating	IP56							
Preferred ambient temperature (°C)	5°C - 35°C							
Total Power Consumption (Watt)	580	915	1445	1810	1810	2530	2890	3610

Unit	T10 30%	T10 40%	T10 50%	T10 60%	T10 70%	T10 80%	T10 90%
Agri 40	10	13	17	23	31	44	68
Agri 80	17	23	30	40	54	77	117
Agri 125	29	38	51	67	92	132	200
Agri 150	37	48	63	84	114	162	244
Agri 180	38	50	65	87	121	179	289
Agri 240	52	68	89	119	164	238	382
Agri 300	61	80	105	142	199	299	519
Agri 335	64	85	114	155	219	333	584

Capacities - Transmittance diagram

