

Atlantium Hydro-Optic UV — Spare Parts Reference



Cross-reference of 120 part numbers · RZ104, RS104, RZ163, RZ300, RZB300, RZM200/350, EP600, R200 · cBallast Technical Sourcing · issued 2026-09-20 · cballast.com/documents/atlantium-hod-uv-spare-parts-reference-lamps-quartz-sleeves-o-rings

Medium-pressure lamps, quartz, seals, sensors, power and control parts for Atlantium Technologies Hydro-Optic (HOD) UV disinfection systems. Each lamp is monitored by its own UV intensity sensor; the replacement lamp must match the ballast rating of the system. Quote the system model and serial number with every order.

UV lamps (medium pressure)

Part number	Description	Fits system	A · V · W/cm · envelope
OPM000130	UV Lamp 700 mm, 12 kW, Long Neck, 1350 V	EP600 / RZM350	9.2 A · 1350 ± 70 V · 171 W/cm · regular quartz
OPH000120	UV Lamp 250 mm, 4.2 kW, Long Neck	RZB300	10.5 A · 400 ± 25 V · 168 W/cm · regular quartz
OPC000500	UV Lamp 90 mm, 1 kW	90 mm lamp series (legacy)	
OPE000400	UV Lamp 95 mm, 1 kW	RS104 / RZ104	6.1 A · 170 ± 25 V · 105 W/cm · regular quartz
OPE000420	UV Lamp 95 mm, 1 kW, Ozone-Free Quartz	RS104 / RZ104	6.1 A · 170 ± 25 V · 105 W/cm · ozone-free quartz
OPE000430	UV Lamp 95 mm, 1 kW, Pure Silica	RS104 / RZ104	6.1 A · 170 ± 25 V · 105 W/cm · pure silica
OPB000401	UV Lamp 140 mm, 4.2 kW	R200	12 A · 350 ± 25 V · 300 W/cm · regular quartz
OPF000400	UV Lamp 155 mm, 1.7 kW	RZ163	7.8 A · 220 ± 25 V · 110 W/cm · regular quartz
OPF000430	UV Lamp 155 mm, 1.7 kW, Ozone-Free Quartz	RZ163	7.8 A · 220 ± 25 V · 110 W/cm · ozone-free quartz
OPF000450	UV Lamp 155 mm, 1.7 kW, Pure Silica	RZ163	7.8 A · 220 ± 25 V · 110 W/cm · pure silica
OPF000420	UV Lamp 155 mm, 2.3 kW, High Power	RZ163/HP	8 A · 300 ± 25 V · 148 W/cm · regular quartz
OPF000425	UV Lamp 155 mm, 2.3 kW, High Power, Ozone-Free Quartz	RZ163/HP	8 A · 300 ± 25 V · 148 W/cm · ozone-free quartz
OPF000440	UV Lamp 155 mm, 2.3 kW, High Power, Pure Silica	RZ163/HP	8 A · 300 ± 25 V · 148 W/cm · pure silica
OPF000460	UV Lamp 155 mm, 3.0 kW, Long Neck, Ultra-High Power (UHP), Coated	RZ163UHP	10.5 A · 310 ± 25 V · 200 W/cm · regular quartz
OPF000475	UV Lamp 155 mm, High Power, Ozone-Free Quartz	RZ163/HP	ozone-free quartz
OPG000400	UV Lamp 295 mm, 4.2 kW	RZ300	10.5 A · 400 ± 25 V · 142 W/cm · regular quartz
OPG000430	UV Lamp 295 mm, 4.2 kW, Coated	RZ300	10.5 A · 400 ± 25 V · 142 W/cm · regular quartz
OPG000450	UV Lamp 295 mm, 4.2 kW, Ozone-Free Quartz, Coated	RZ300	10.5 A · 400 ± 25 V · 142 W/cm · ozone-free quartz
OPH000150	UV Lamp 250 mm, 4.2 kW, Long Neck, Coated	RZB300	10.5 A · 400 ± 25 V · 168 W/cm · regular quartz
OPH000160	UV Lamp 250 mm, 4.2 kW, Long Neck, Pure Silica, Coated	RZB300	10.5 A · 400 ± 25 V · 168 W/cm · pure silica
OPH000170	UV Lamp 250 mm, 4.2 kW, Long Neck, Ozone-Free Quartz, Coated	RZB300	10.5 A · 400 ± 25 V · 168 W/cm · ozone-free quartz
OPM000111	UV Lamp 700 mm, 12 kW, Long Neck	EP600 / RZM350	9.2 A · 1300 ± 70 V · 171 W/cm · regular quartz
OPM000099	UV Lamp 400 mm, 6.9 kW, Long Neck	RZM200	8.6 A · 800 ± 50 V · 171 W/cm · regular quartz

Quartz sleeves, tubes and windows

Part number	Description	Fits system
OPM000200	Quartz Sleeve for RZM / EP600	EP600 / RZM350
OPH000200	Quartz Sleeve for RZB, Long Neck, 323 mm	RZB300
OPE004200	Quartz Sleeve for RZ104 / RS104	RZ104 / RS104
COPE04110R	Quartz Tube for RZ104, Coated	RZ104
OPF004200	Quartz Sleeve for RZ163, 230 mm	RZ163
OPF004300	Quartz Sleeve for RZ163, Coated	RZ163
OPG004200	Quartz Sleeve for RZ300, 368 mm	RZ300

OPM000205	Quartz Sleeve for RZM200-5	RZM200-5
OPB000600	Quartz Window for R200, Coated	R200

O-rings, seals and gaskets

Part number	Description	Fits system	ID x CS
OSETT00600	O-Ring Kit for Quartz Sleeve, EP600	EP600	
OSETT00288	O-Ring Kit for Quartz Sleeve, RZB300	RZB300	
MP0023000	O-Ring AS568-327, FKM 70 Shore A (V0680-70), for Quartz Sleeve	RZ series quartz sleeve	43.82 x 5.33 mm
MP0017800	O-Ring AS568-029, Silicone 70 Shore A (S7100-70), for Lamp Holder / Connector	Lamp holder / connector	37.82 x 1.78 mm
MPE007500	O-Ring AS568-033, FKM 75 Shore A (V0884-75), for Sleeve Holder	Sleeve holder	50.52 x 1.78 mm
MPE007200	O-Ring AS568-351, FKM 70 Shore A (V0680-70)	—	120.02 x 5.33 mm
MP0000406	O-Ring AS568-050, NBR (N6001)	—	133.07 x 1.78 mm
MP0013600	O-Ring AS568-018, NBR 70 Shore A (N6001-70), for UV Sensor	UV sensor	18.77 x 1.78 mm
MPE007600	O-Ring AS568-012, FKM 75 Shore A (V0884-75), for Sensor Housing	Sensor housing	9.25 x 1.78 mm
MPG016400	O-Ring AS568-043, FKM 75 Shore A (V0884-75), for DPM Plate, RZ163 / RZ300	RZ163 / RZ300	88.62 x 1.78 mm
MPB000200	O-Ring AS568-364, FKM 70 Shore A (V0680-70), for R200 (quartz window)	R200 (quartz window)	170.82 x 5.33 mm
MPB000300	O-Ring AS568-442, FKM 70 Shore A (V0680-70), for R200 (quartz tube, small)	R200 (quartz tube, small)	183.52 x 6.99 mm
MPB000400	O-Ring AS568-378, FKM 70 Shore A (V0680-70), for R200 (quartz tube, large)	R200 (quartz tube, large)	266.07 x 5.33 mm
MPB000100	Kapton (Polyimide) Ring for R200	R200	
MP0022600	Dynamic Seal 8 x 15 x 6, Polyurethane (H-PU-DMH), for Wiper Shaft	Wiper (DPM) shaft	
SAL020200-S	Guide Seal, Wiper Dynamic Seal Assembly (Spare)	Wiper (DPM) dynamic seal assy	
MMB004301	PTFE Gasket for R200	R200	
MSB011500	Stainless Steel Protecting Foil for R200 Quartz Window	R200 (quartz window protection)	

Lamp connectors

Part number	Description	Fits system
SAP002500-S	Lamp Connector Kit for EP600 (Spare)	EP600
SAE013300	Lamp Connector Assembly for RZ / RZB	RZ / RZB
KTB006800	Lamp Connector Assembly with Cable for R200	R200
MMB004500	Lamp Stopper (PTFE Insert for Lamp Holder)	Lamp holder (teflon insert)

Sensors and optics (UVIS, UVT, temperature)

Part number	Description	Fits system
SAM000800	Wave Guide Assembly for UVIS Lamp-Intensity Sensor	RS / RZ / RZB / RZM
SAE030800	UVIS Mirror Assembly	RZ104 and others (UVIS lamp sensor mirror)
OPB000100	UV Sensor 10 W/m²	—
MME023900	Pin Hole for UV Sensor (Calibration Washer)	UV sensor calibration washer
SA0019900-S	Window Assembly (Sight Window), RZ (Spare)	RZ (sight window)
SAB027300	Watch Window Assembly for R200	R200
KTB006700	WTM (UVT Monitor) Housing Assembly for R200 (Spare)	R200 (UVT monitor housing)
CO0000026	Miniature RDT (RTD) Temperature Transmitter	Temperature (RTD) transmitter
COB001400R	Temperature Sensor for R200 Bell 6	R200
COL000100	Temperature Sensor with 5 m Cable for RS104	RS104
HSL010950	Temperature Sensor with 1.1 m Cable for RZ	RZ

Lamp power supplies and ballast modules

Part number	Description	Fits system
PS0000001	Power Supply 5 kW, 400 V	—
PS0000200	Power Supply for Ballast Module, 2.3 kW, 400–480 V	Ballast module
PS0000240	Ballast Module 1.0–2.3 kW, 380–480 V	—
SAL037200	Ballast Assembly 2.3 kW, 400–480 V	—
PSC000001	Power Supply 2 kW, 230 V	—

PSE000050	Power Supply 1 kW, 230 V	—
PSF000040	Power Supply 1.7 kW, 230 V	—
PS0000012	AC/DC Power Supply 24 V, 3.2 A	—
PS0000100	AC/DC Power Supply 24 V, 2.2 A, for Control Module (ALINA)	Control module
PS0000500	AC/DC Power Supply 48 V, 5 A, for Control Module (EDCO)	Control module
PS0004000	AC/DC Power Supply 12 V, 2.1 A, for Control Module (EDCO/AIO)	Control module
FNL001700	Ballast Internal DC Fan 24 V, 1.92 W, 5200 rpm	Ballast module

Electronic cards and modules

Part number	Description	Fits system
AP0000450	ISO Card, 2G	—
AP0000550	Mini VCD Card (MOV5)	—
KT0009700	Spare Kit, Mini VCD (MOV5) Assembly	—
AP0001200	Temperature Converter Card for RZ	RZ
AP0001300	LM Card for RZ Systems	RZ
AP0001350	LM Card for RZB Systems	RZB
AP0001400	DC/DC Module 48 V to 24 V	—
AP0001500	AC/DC Module 230/115 V to 24 V	—
EP0003051	Jumper, Red, for AC/DC Module AP0001500	—
CP0000002	Rabbit Controller Card for Control Module (CM)	Control module
CP0000003	Rabbit Controller Card for Electrical Cabinet (EC)	Electrical cabinet
CP0000004	Rabbit Expansion Card for Electrical Cabinet (RN1200)	Electrical cabinet
KT0007200	Main Controller Card for R200	R200
EL0001900	Lamp Ignitor for ETA Power Supply	ETA power supply
EL0003350	Cellular Modem 3G	—
EP0002300	Surge Protector 400 V, 3-Pole, 40 kA, TN-C	—

Harnesses and cables

Part number	Description	Fits system
HSB001500	Main Harness 10 m for R200	R200
HSE006002	Main Harness 5 m for RZ104 / RZ163-2L	RZ104 / RZ163
HSE006502	Main Harness 10 m for RZ104 / RZ163-2L	RZ104 / RZ163
HSL008600	UVIS Cable for Ballast Module	Ballast module
HSL008700	UVTS Cable for Ballast Module	Ballast module
HSL015400	Ballast Module Wiring Harness 10 m	Ballast module
HSL015500	Ballast Module Wiring Harness 5 m	Ballast module

Wiper and mechanical parts

Part number	Description	Fits system
MFG016100	Wiper Housing for RZ163 / RZ300	RZ163 / RZ300
MFG016110	Cover, Wiper Housing, for RZ163 / RZ300 / RZB	RZ163 / RZ300 / RZB
MMH000400	Wiper Housing, Double, for RZB	RZB
MM0050410	Teflon-Graphite Wiper	—
HA0000321	Timing Belt 280 x 10, RTT5, Polyurethane	—
MME015000	Spacer, Sleeve Holder, for RZ104	RZ104
MMF015000	Spacer, Sleeve Holder, for RZ163 / RZ300 / RZB	RZ163 / RZ300 / RZB
MPE012400	Sleeve Spacer (PTFE) for Quartz Sleeve, RZ	RZ (teflon spacer for quartz sleeve)
MA0006500	Chamber Cap 1/8" BSP	—

Air cooling and filters (R200)

Part number	Description	Fits system
FAB007500	Combiflex PU Cuff for R200	R200
FAB009800	PU Tube, Black, 2.2 m, for R200 Bell 7	R200
FNB001200	Ozone Filter 170 x 170 x 15 mm, Catalytic	—
PKB000200	Air Filter Media for R200 Bell 6	R200

Controllers and displays

Part number	Description	Fits system
CP0000005	Display TFT 5.7"	—
SA0000004	AIO Display Assembly (IC Nexus)	All-in-One controller
SAL040450	Standard Screen Assembly	—
SAL045000	Standard Controller Assembly, Stainless Steel	—
SAL070010	Premium Control Module AIO, Painted	All-in-One controller
SAL070020	Premium Control Module AIO, Stainless Steel	All-in-One controller
SAL070030	Premium Control Module AIO, Stainless Steel with Sloped Roof	All-in-One controller

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