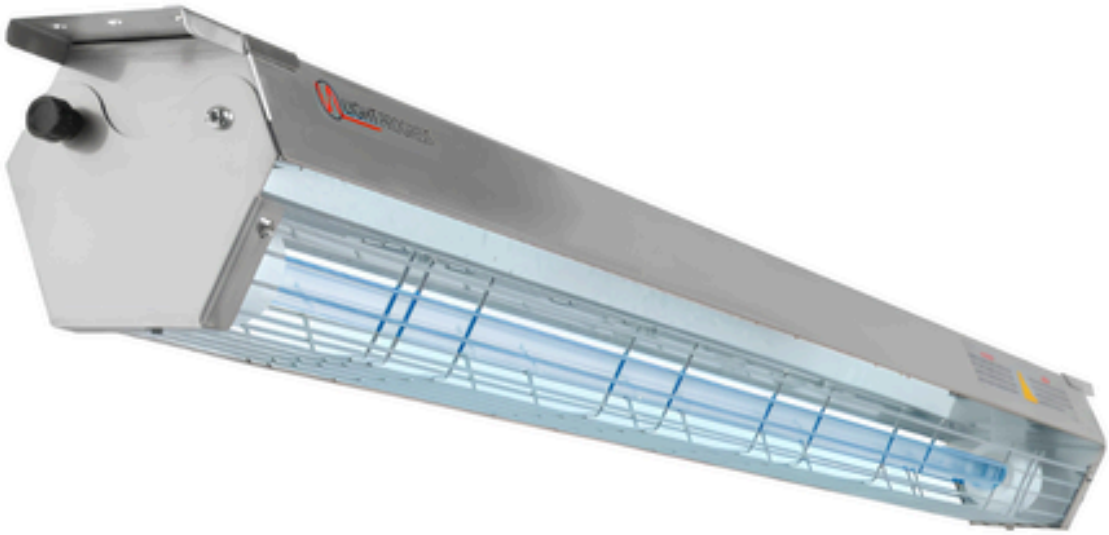
LIGHT PROGRESS UV-DIRECT

YOUR BEST DISINFECTION PLAYER



UV-DIRECT supports deep surface disinfection in any type of environment.

In just a few minutes of operation, UV-DIRECT fixtures can create high levels of disinfection otherwise achieved with hazardous, harmful, and expensive chemicals.

The UV-DIRECT should be used in the absence of people and can be easily integrated into building controls and scheduled routines

KEY PRODUCT FEATURES

- Fit Anywhere, compact form factors, many sizes and wattage strengths available.
- Increased Disinfection Performance, with High-Output UV-C lamps (253,7 nm) and internal mirror bright aluminum reflector.
- Built to Last, in high-quality Stainless Steel AISI 304, all material tested for UV resistance.
- Protected IP55, and UVLON™ shatterproof protective sleeve always included to prevent the release of glass fragments in the event of accidental lamp breakage.
- Advanced Management, with optional control board available for multiple lamp fixtures.





MODEL	UV-DIRECT-40H-H-NX	UV-DIRECT-90H-H-NX
REPLACEMENT LAMP	n°1 CHS-40WHF-P	n°1 CHS-90WHF-P
LAMP POWER	40 W	90 W
DIMENSIONS (WxHxD) (mm)	530 x 88 x 109	986 x 88 x 109
INSTALLATION	Wall or Ceiling (Bracket included)	
WEIGHT (kg)	2	4
TREATED VOLUME (m^3)	20 ÷ 40	40 ÷ 65
TREATED SURFACE (m^2)	7 ÷ 13	14 ÷ 25
LAMP LIFE (hours)*	≤ 18.000	
PROTECTION RATING	IP55	
OP. TEMPERATURE****	MIN. -15°C ÷ MAX. +40°C	
OP. RELATIVE HUMIDITY****	From 20 to max. 90%	
VAC | FREQUENCY	230 or 110 VAC | 50/60 Hz	
POWER SUPPLY	On-board power supply always included. Optional control board available for the management of multiple devices.	
ELECTRICAL CONNECTION	Power supply cable 3x1mm^2, 2,5m length	

* Useful life can be substantially reduced by several environmental or technical factors

** Outside of these ranges, performance may not be optimal

POWER SUPPLY OPTIONS FOR PROFESSIONAL SYSTEMS

Lamp monitoring, connectivity and flexibility for customized applications.

HANGER BRACKETS AND OPTIONAL PROTECTION GRID

- ST20 Hanger brackets (2pcs), 20 cm from ceiling
- ST36 Hanger brackets (2pcs), 36 cm from ceiling
- ST50 Hanger brackets (2pcs), 50 cm from ceiling
- NT-DIRECT40 Protection grid (Stainless Steel), for UV-DIRECT 40H
- NT-DIRECT90 Protection grid (Stainless Steel), for UV-DIRECT 90H

OPTIONAL CONTROL BOARD “MASTER 16A”

MULTI-LAMP MONITORING UNIT

The Control Board MASTER 16-A is a simple and accessible control unit for managing multiple UV-C devices in a single system.

- Multiple device solution: dedicated monitoring for up to 16 A
- Faulty lamp alarm: LED indicator
- Exhaust lamp alarm: LED indicator, with hour counter and digital display.
- IP20 protected: protected against solid objects larger than 12 mm
- Automatic Switch: turn on devices manually or with the embedded timer.

OPTIONAL CONTROL BOARD «MASTER-ST-AC»

COMPLETE MULTI-LAMP MANAGEMENT SYSTEM

The Control Board “Master” is an advanced control and monitoring unit designed for multi-lamp UV-C systems, providing a digital display, operating hour counter with exhaust lamp alarm and synoptic layout.

- Multiple device solution: dedicated monitoring for up to 35 UV devices.
- Faulty lamp alarm: LED indicator and dry contact output to connect to existing control panels and BMS.
- Safety switch: low voltage input from existing control panels and BMS, switches off UV lamps when needed.
- IP66/67 protected: complete dust protection and powerful water jets.
- Exhaust lamp alarm: with hour counter, digital display, and dry contact output to connect to existing control panels and BMS.
- Synoptic layout: to monitor the status of each connected UV-C lamp





	CONTROL BOARD «MASTER-16»		CONTROL BOARD «MASTER-ST-AC»		
MAIN FEATURES					
MODEL	16-A		ST-AC/5-P-A	ST-AC/20-P-A	ST-AC/35-P-A
COMPATIBLE UVC DEVICE (W)	40	90	40-90	40-90	40-90
CONTROL OF MULTIPLE DEVICES	up to 16 A		up to 5 devices	up to 20 devices	up to 35 devices
FAULTY LAMP ALARM	LED indicator		LED indicator Dry contact output * (up to 230V, 1A)		
EXHAUST LAMP ALARM	LED indicator		LED indicator Dry contact output * (up to 230V, 1A)		
LAMP LIFE HOUR COUNTER	Digital Display				
SAFETY INPUT contact from BMS or Safety System	Low voltage input				
SYNOPTIC SCHEME	-		LED indicator		
POWER CABLE connection to the mains	Three-core cable 2P+E (not included)				
CONNECTION PLUG on lamp side	-				
INSTALLATION Mounting options	Screws (not included)				
TECHNICAL FEATURES					
MODEL	16-A		ST-AC/5-P-A	ST-AC/20-P-A	ST-AC/35-P-A
ELECTRONIC CONTROL GEARS ON BOARD	-				
DIMENSIONS (mm) (W x H x D)	410x300x180		410x300x180	610x400x230	740x530x255
HOUSING MATERIAL	ABS		ABS with transparent cover		
OPERATING TEMPERATURE**	min. -15°C ÷ max. +40°C		min. -15°C ÷ max. +40°C		
PROTECTION	IP 20		IP 66/67		
V AC | FREQUENCY	230V or 110V 50/60 Hz				

* Dry contact output to be externally powered - to activate an external diagnostic system (BMS, MMS, SCADA, DCS, PLC)

** Outside of these ranges, performance may not be optimal



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