

# DISINFECTION 09/05

## HR UV-C

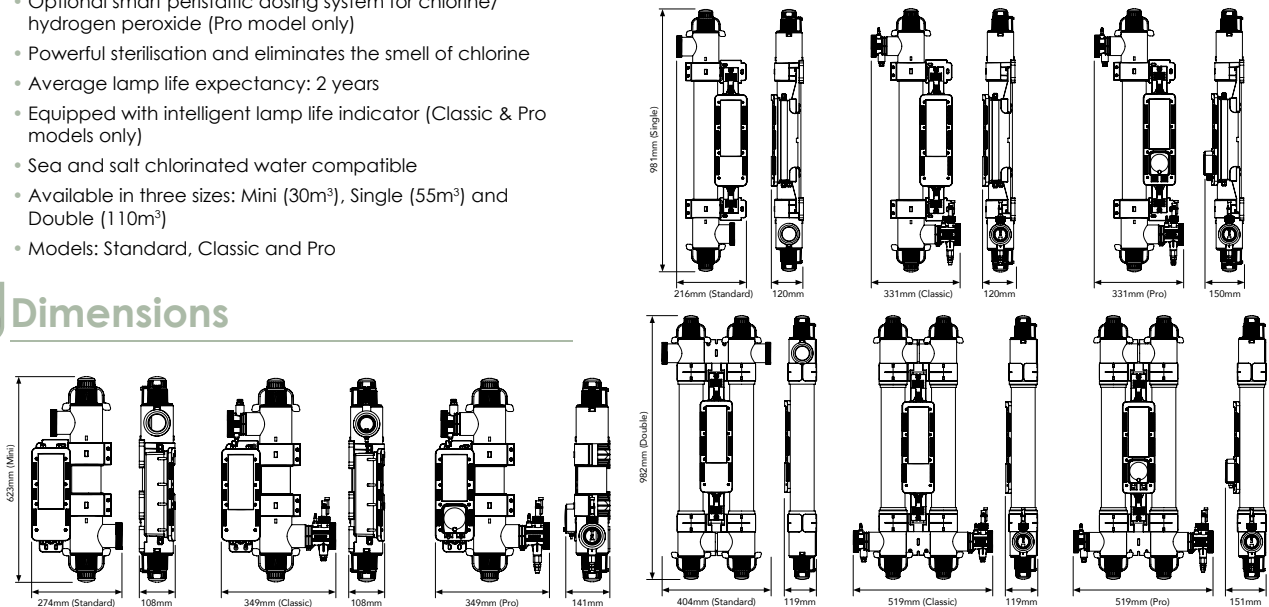
The super reflective properties of the H.R. UV-C optimises UV-C radiation and dramatically increases performance.

### ✓ Technical features

- Highest UV reflective index on the market equating to supreme efficiency
- E-PTFE reaction chamber is extremely repellent, maintaining UV reflectivity
- Up to 95% reflection amplifying the exposure of microorganisms to UV
- No harmful gases or by-products produced
- Neutralises bacteria, viruses, algae and fungi that traditional chemicals cannot
- Optional smart peristaltic dosing system for chlorine/hydrogen peroxide (Pro model only)
- Powerful sterilisation and eliminates the smell of chlorine
- Average lamp life expectancy: 2 years
- Equipped with intelligent lamp life indicator (Classic & Pro models only)
- Sea and salt chlorinated water compatible
- Available in three sizes: Mini (30m<sup>3</sup>), Single (55m<sup>3</sup>) and Double (110m<sup>3</sup>)
- Models: Standard, Classic and Pro



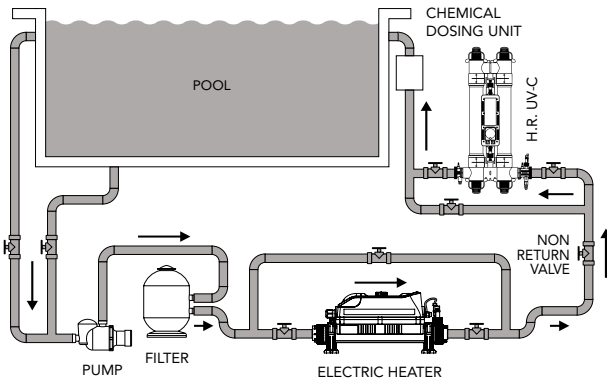
### 📏 Dimensions



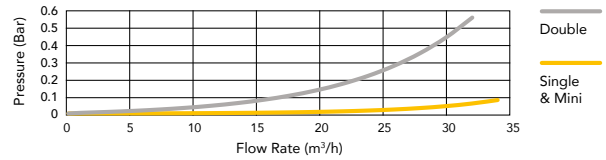
### 🔍 Models

MODEL	100~240V 1-PHASE	LAMP OUTPUT W	MAX. POOL VOLUME m <sup>3</sup>	FEATURES	PKG	NET WEIGHT kg	GROSS WEIGHT kg	GROSS VOLUME m <sup>3</sup>
HR-30-B	MINI STANDARD	30	30	STANDARD FEATURES	1	4.53	6.06	0.0639
HR-30-UK	MINI CLASSIC	30	30	FLOW SWITCH, ANALOGUE LAMP LIFE INDICATOR & RESET SWITCH	1	4.83	6.70	0.0639
HRP-30-UK	MINI PRO	30	30	FLOW SWITCH, DIGITAL LAMP LIFE COUNTDOWN & INTELLIGENT DOSING PUMP	1	5.44	6.92	0.0639
HR-55-B	SINGLE STANDARD	55	55	STANDARD FEATURES	1	4.63	6.44	0.0741
HR-55-UK	SINGLE CLASSIC	55	55	FLOW SWITCH, ANALOGUE LAMP LIFE INDICATOR & RESET SWITCH	1	6.67	9.05	0.0996
HRP-55-UK	SINGLE PRO	55	55	FLOW SWITCH, DIGITAL LAMP LIFE COUNTDOWN & INTELLIGENT DOSING PUMP	1	6.62	9.01	0.0996
HR-110-B	DOUBLE STANDARD	110	110	STANDARD FEATURES	1	7.66	10.01	0.0987
HR-110-UK	DOUBLE CLASSIC	110	110	FLOW SWITCH, ANALOGUE LAMP LIFE INDICATOR & RESET SWITCH	1	9.45	12.45	0.1393
HRP-110-UK	DOUBLE PRO	110	110	FLOW SWITCH, DIGITAL LAMP LIFE COUNTDOWN & INTELLIGENT DOSING PUMP	1	10.01	13.01	0.1393

## System setup



## Pressure drop



## Specifications

<b>Power supply:</b>	Single Phase 100V ~ 240V	<b>Lamp life:</b>	9,000 hours
<b>Min. flow rate:</b>	1.5m³/h	<b>Dosing rate:</b>	Exceeds the equivalent of 30mj/cm² at maximum flow rate
<b>Max. flow rate:</b>	Mini: 12,000 litres per hour; 12m³/h Single: 16,000 litres per hour; 16m³/h Double: 32,000 litres per hour; 32m³/h	<b>Ingress protection rating:</b>	IP64
<b>Max. pool size:</b>	Mini: 30,000 litres; 30m³ Single: 55,000 litres; 55m³ Double: 110,000 litres; 110m³	<b>Frequency:</b>	50/60 Hz
<b>Max. power consumption:</b>	Mini: 40W Single: 64W Double: 128W	<b>Working pressure:</b>	3 Bar maximum
<b>Lamp:</b>	Lamp: Low pressure/high output	<b>Water connections:</b>	2"/63mm stepped ABS unions + reducers 1½"/50mm
		<b>Salt water:</b>	100% chlorinated salt and sea water safe
		<b>Mounting:</b>	Vertical or horizontal wall mounting
		<b>Oxidisation processes:</b>	UV





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