Healthshield™

UV-HE Series UV-HE 2

ULTRA-VIOLET DISINFECTION SYSTEMS

Eliminates bacteria and viruses with specific UV wavelength, ensuring clean, taste-free and odour-free water without chemicals.

UV-HE 2 - SUITABLE FOR FLOWRATES OF UP TO 19 L/M

FEATURES

- Specially designed and tested Sterilume™-EX lamps provide consistent and reliable ultraviolet output over the entire life of the lamp to ensure continuous purification

- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation

- The controller visually displays the remaining lamp life and will go into alarm if the lamp fails

- The controller has a sealed case to prevent damage from accidental water intrusion and is fully CSA and CE compliant

- Max operating pressure: 860kPa

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OPERATIONAL REQUIREMENTS

PRODUCT CODE	
H00100500	

FLOW RATES	
Rated flow at dose 16 mJ/cm² @ 95% UVT	18 L/m (1.1m³/hr)
Rated flow at dose 30 mJ/cm² @ 95% UVT	11 L/m (1.1m³/hr)
Rated flow at dose 40 mJ/cm² @ 95% UVT	7 L/m (1.1m³/hr)

OPERATING PARAMETERS	
Max Operating Pressure	860kPa
Ambient Air Temperature	0°C - 40°C
Influent Water Temperature	2°C - 40°C
Installation Orientation	Vertical or Horizontal

ELECTRICAL	
Voltage	240V
Frequency	50-60Hz
Max. Current	0.4A
Power Consumption	22W

DIMENSIONS	
Chamber	43.6cm x 6.5cm
Controller	18.6cm x 8.1cm x 6.4cm
Inlet & Outlet	15mm BSP

FEATURES	
Chamber Material	304SS
Visual "Power-On"	YES
Visual Lamp Life Remaining	YES
Audible Lamp Failure	YES
Audible Lamp Replacement Reminder	YES
UV Intensity Monitor	-
Cool Touch Fan	-
Sensor Reading Output (4-20mA)	-

Healthshield™

UV-HE Series UV-HE 3

ULTRA-VIOLET DISINFECTION SYSTEMS

Eliminates bacteria and viruses with specific UV wavelength, ensuring clean, taste-free and odour-free water without chemicals.

UV-HE 3 - SUITABLE FOR FLOWRATES OF UP TO 42 L/M

FEATURES

- Specially designed and tested Sterilume™-EX lamps provide consistent and reliable ultraviolet output over the entire life of the lamp to ensure continuous purification
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation

- The controller visually displays the remaining lamp life and will go into alarm if the lamp fails
- The controller has a sealed case to prevent damage from accidental water intrusion and is fully CSA and CE compliant
- Max operating pressure: 860kPa

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OPERATIONAL REQUIREMENTS

PRODUCT CODE	
H00101000	

FLOW RATES	
Rated flow at dose 16 mJ/cm² @ 95% UVT	42 L/m (2.5m³/hr)
Rated flow at dose 30 mJ/cm² @ 95% UVT	23 L/m (1.4m³/hr)
Rated flow at dose 40 mJ/cm² @ 95% UVT	17 L/m (1.0m³/hr)

OPERATING PARAMETERS	
Max Operating Pressure	860kPa
Ambient Air Temperature	0°C - 40°C
Influent Water Temperature	2°C - 40°C
Installation Orientation	Vertical or Horizontal

ELECTRICAL	
Voltage	240V
Frequency	50-60Hz
Max. Current	0.4A
Power Consumption	30W

DIMENSIONS	
Chamber	56.1cm x 6.4cm
Controller	18.6cm x 8.1cm x 6.4cm
Inlet & Outlet	20mm BSP

FEATURES	
Chamber Material	304SS
Visual "Power-On"	YES
Visual Lamp Life Remaining	YES
Audible Lamp Failure	YES
Audible Lamp Replacement Reminder	YES
UV Intensity Monitor	-
Cool Touch Fan	-
Sensor Reading Output (4-20mA)	-

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UV-HE Series UV-HE 4

ULTRA-VIOLET DISINFECTION SYSTEMS

Eliminates bacteria and viruses with specific UV wavelength, ensuring clean, taste-free and odour-free water without chemicals.

UV-HE 4 - SUITABLE FOR FLOWRATES OF UP TO 72 L/M

FEATURES

- Specially designed and tested Sterilume™-EX lamps provide consistent and reliable ultraviolet output over the entire life of the lamp to ensure continuous purification

- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation

- The controller visually displays the remaining lamp life and will go into alarm if the lamp fails

- The controller has a sealed case to prevent damage from accidental water intrusion and is fully CSA and CE compliant

- Max operating pressure: 860kPa

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OPERATIONAL REQUIREMENTS

PRODUCT CODE	
H00101500	

FLOW RATES	
Rated flow at dose 16 mJ/cm² @ 95% UVT	72 L/m (4.3m³/hr)
Rated flow at dose 30 mJ/cm² @ 95% UVT	38 L/m (2.3m³/hr)
Rated flow at dose 40 mJ/cm² @ 95% UVT	29 L/m (1.8m³/hr)

OPERATING PARAMETERS	
Max Operating Pressure	860kPa
Ambient Air Temperature	0°C - 40°C
Influent Water Temperature	2°C - 40°C
Installation Orientation	Vertical or Horizontal

ELECTRICAL	
Voltage	240V
Frequency	50-60Hz
Max. Current	0.6A
Power Consumption	46W

DIMENSIONS	
Chamber	90.4cm x 6.4cm
Controller	18.6cm x 8.1cm x 6.4cm
Inlet & Outlet	20mm BSP

FEATURES	
Chamber Material	304SS
Visual "Power-On"	YES
Visual Lamp Life Remaining	YES
Audible Lamp Failure	YES
Audible Lamp Replacement Reminder	YES
UV Intensity Monitor	-
Cool Touch Fan	-
Sensor Reading Output (4-20mA)	-

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UV-HE Series UV-HE 5

ULTRA-VIOLET DISINFECTION SYSTEMS

Eliminates bacteria and viruses with specific UV wavelength, ensuring clean, taste-free and odour-free water without chemicals.

UV-HE 5 - SUITABLE FOR FLOWRATES OF UP TO 130 L/M

FEATURES

- Specially designed and tested Sterilume™-EX lamps provide consistent and reliable ultraviolet output over the entire life of the lamp to ensure continuous purification

- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation

- The controller visually displays the remaining lamp life and will go into alarm if the lamp fails

- The controller has a sealed case to prevent damage from accidental water intrusion and is fully CSA and CE compliant

- Max operating pressure: 860kPa

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OPERATIONAL REQUIREMENTS

PRODUCT CODE	
H00102000	
FLOW RATES	
Rated flow at dose 16 mJ/cm² @ 95% UVT	130 L/m (7.8m³/hr)
Rated flow at dose 30 mJ/cm² @ 95% UVT	70 L/m (4.2m³/hr)
Rated flow at dose 40 mJ/cm² @ 95% UVT	54 L/m (3.3m³/hr)
OPERATING PARAMETERS	
Max Operating Pressure	860kPa
Ambient Air Temperature	0°C - 40°C
Influent Water Temperature	2°C - 40°C
Installation Orientation	Vertical or Horizontal
ELECTRICAL	
Voltage	240V
Frequency	50-60Hz
Max. Current	1.5A
Power Consumption	60W
DIMENSIONS	
Chamber	59.6cm x 8.9cm
Controller	18.6cm x 8.1cm x 6.4cm
Inlet & Outlet	25mm BSP
FEATURES	
Chamber Material	304SS
Visual "Power-On"	YES
Visual Lamp Life Remaining	YES
Audible Lamp Failure	YES
Audible Lamp Replacement Reminder	YES
UV Intensity Monitor	-
Cool Touch Fan	-
Sensor Reading Output (4-20mA)	-

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