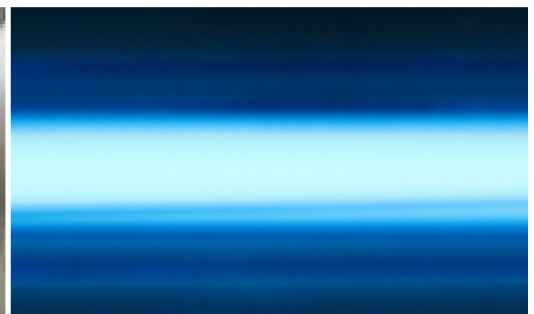
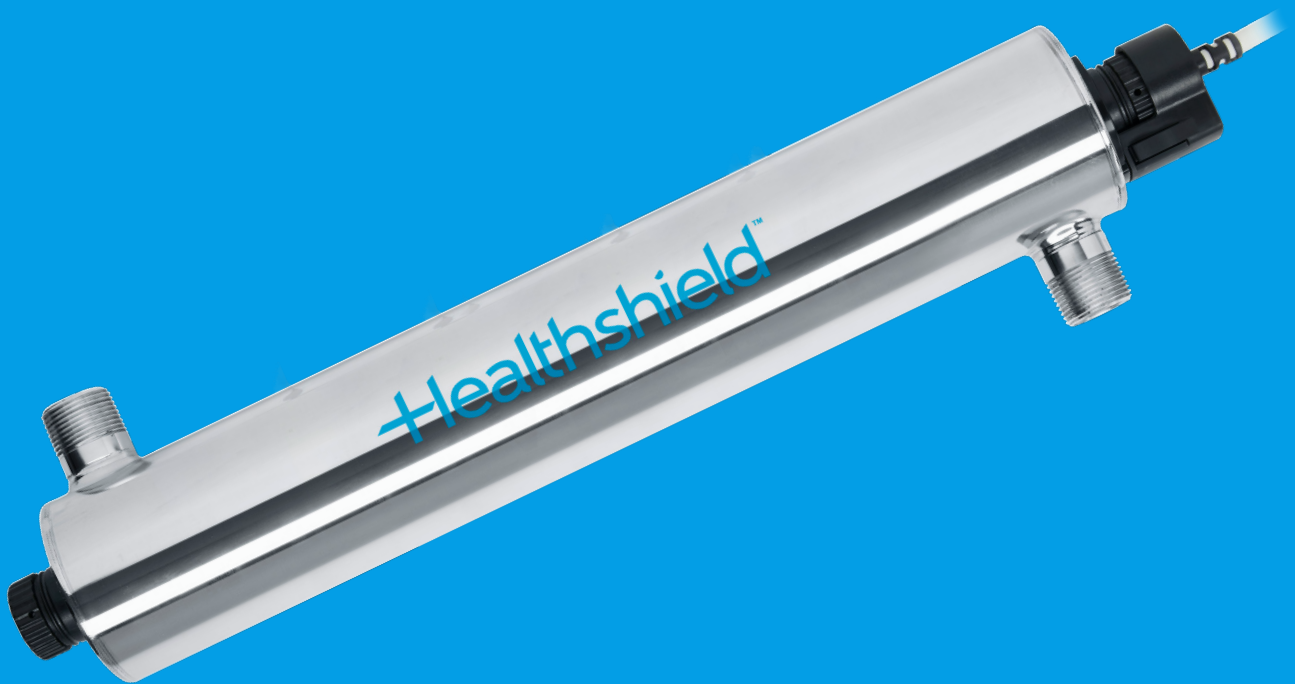


# +healthshield™



## HEALTHSHIELD UV Disinfection

UV disinfection systems to deliver safe water without the use of chemicals. Engineered for demanding applications



# Healthshield™ UV Disinfection

The HEALTHSHIELD range of UV systems harness and utilise certain wavelengths of Ultraviolet light which is a natural component of sunlight, falling just below the visible light region of the Electromagnetic spectrum.

The HEALTHSHIELD UV range have the ability to destroy micro-organisms (bacteria, virus, cysts such as Cryptosporidium and Giardia) in water and air by damaging their DNA molecules, thus preventing them replicating and surviving to cause harm.

Ultraviolet disinfection gives safe water without the use of harmful chemicals, does not affect the taste or odour of the water and uses less power than a standard light bulb.

The HEALTHSHIELD range is available for flow rates of 18 L/m up to 1,000 L/m and greater, and includes NSF and USEPA validated systems. Some of the systems incorporate UV sensors to provide continuous readout of UV intensity.

For more information, please call our experts on 1800 656 771 or visit [www.southlandfiltration.com.au](http://www.southlandfiltration.com.au)

## Product specifications

| Model    | Flow Rate*  | Pipe Connections | Lamp Power    | Lamp Fail Alarm | Volt Free Contacts | UV Intensity |
|----------|-------------|------------------|---------------|-----------------|--------------------|--------------|
| UV-HE 1  | 8 L/min     | 15mm             | 13 watts      |                 |                    |              |
| UV-HE 2  | 18 L/min    | 15mm             | 22 watts      | •               |                    |              |
| UV-HE 3  | 42 L/min    | 20mm             | 30 watts      | •               |                    |              |
| UV-HE 4  | 72 L/min    | 20mm             | 46 watts      | •               |                    |              |
| UV-HE 5  | 130 L/min   | 25mm             | 60 watts      | •               |                    |              |
| UV-HE 6  | 90 L/min    | 25mm             | 48 watts      | •               | •                  |              |
| UV-HE 7  | 155 L/min   | 25mm             | 110 watts     | •               | •                  |              |
| UV-HE 8  | 250 L/min   | 40mm             | 100 watts     | •               | •                  |              |
| UV-HE 9  | 340 L/min   | 50mm             | 2 x 110 watts | •               | •                  |              |
| UV-HE 10 | 450 L/min   | 50mm             | 2 x 100 watts | •               | •                  |              |
| UV-HE 11 | 130 L/min   | 25mm             | 60 watts      | •               |                    | •            |
| UV-HE 12 | 150 L/min   | 25mm             | 70 watts      | •               |                    | •            |
| UV-HE 14 | 230 L/min   | 40mm             | 96 watts      | •               |                    | •            |
| UV-HE 15 | 454 L/min   | 50mm             | 230 watts     | •               |                    | •            |
| UV-HE 17 | 1,170 L/min | 80mm             | 320 watts     | •               |                    |              |
| UV-HE 18 | 1,170 L/min | 80mm             | 320 watts     | •               | •**                | •            |
| UV-HE 19 | 1,300 L/min | 80mm             | 400 watts     | •               |                    |              |
| UV-HE 20 | 1,300 L/min | 80mm             | 400 watts     | •               | •**                | •            |
| UV-HE 21 | 2,055 L/min | 100mm            | 550 watts     | •               |                    |              |
| UV-HE 22 | 2,055 L/min | 100mm            | 550 watts     | •               | •**                | •            |

## Certified Systems (Flow rates listed are relevant to the specific dose as required by the applicable standard)

|           |           |      |           |   |     |   |
|-----------|-----------|------|-----------|---|-----|---|
| PRO10     | 38 L/min  | 32mm | 120 watts | • | •** | • |
| PRO20     | 76 L/min  | 32mm | 160 watts | • | •** | • |
| PRO30     | 113 L/min | 32mm | 230 watts | • | •** | • |
| PRO50     | 189 L/min | 50mm | 230 watts | • | •** | • |
| PRO24-186 | 90 L/min  | 32mm | 460 watts | • | •** | • |

\* Based on 16mJ/cm<sup>2</sup> dose at 95% UVT. \*\*Optional Extra.