

Emergency Aid Camp Infrastructure

EmWat 1000 Water Treatment Unit



- Clean, safe drinking water
- Produces 1,000 litres per hour
- Optional modules for Storage and Distribution and / or Flocculation

The EmWat 1000 produces safe drinking water from any fresh water source at a rate of 1,000 litres per hour.

The unit is ideally suited for use in field hospitals, remote or temporary base camps or staff camps and in any situation where there is a need for a flexible, reliable system. It is quick and simple to install and extremely easy to operate.

The EmWat 1000 is compact and light weight and can be easily deployed to emergencies in any location. The basic unit (pictured) is delivered in three rugged aluminium cases. Each case meets the requirements for most airlines to allow it to be carried on commercial flights as checked-in luggage.

The basic unit consists of a series of filters that produce safe drinking water in four separate stages. It is supplied with all necessary hoses as well as an electric pump. Filter sets should be replaced every 60,000 litres.

A custom **Storage and Distribution Module** is also available.

The module comprises:

- An additional Pump
- 2 no. Pillow Tanks
- 1 x Tap station with 6 taps for efficient distribution to the end user
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A **Flocculation Module** is available where additional pre-treatment is beneficial to the lifespan of the filters (turbidity above 80NTU) enabling chemical batch pre-treatment of the water in an onion tank.



Butyl Products Ltd.

Lingfield House, 11 Radford Crescent, Billericay, Essex,
CM12 0DW, United Kingdom. T: +44 (0) 1277 653 281

E: enquiries@butylproducts.co.uk W: butylproducts.co.uk



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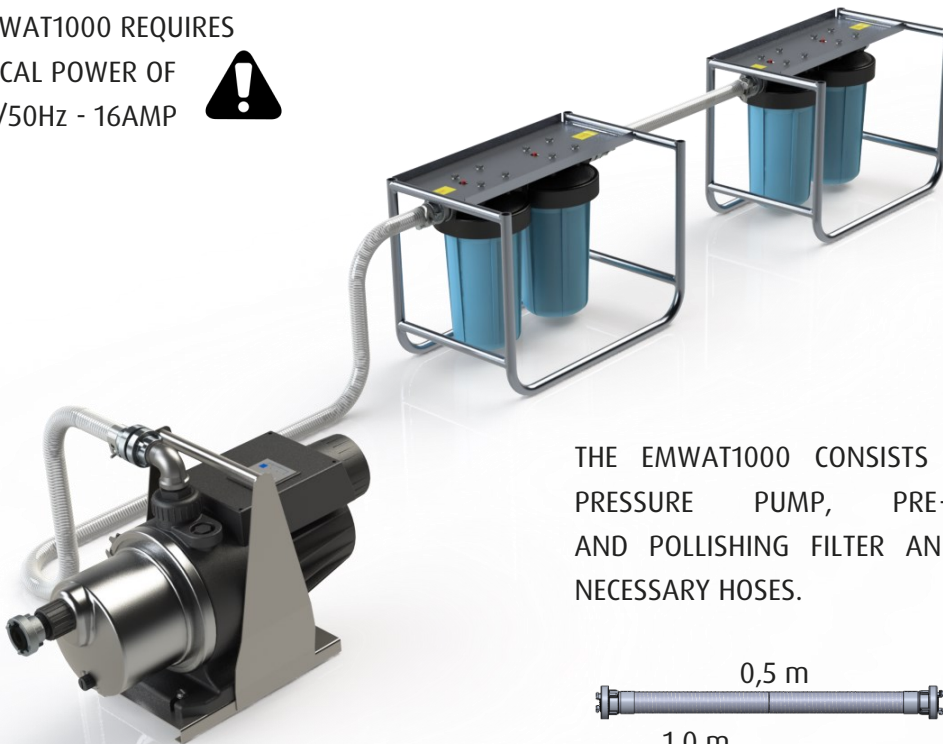


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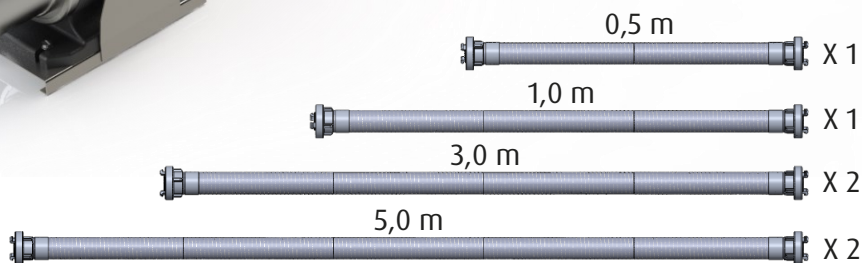
Total unit weight and dimensions

- 1 x Aluminium box / 0.6 x 0.4 x 0.4 M / Gross weight : 25 KG (Pump kit)
- 1 x Aluminium box / 0.6 x 0.4 x 0.4 M / Gross weight : 19 KG (Prefilter Kit)
- 1 x Aluminium box / 0.6 x 0.4 x 0.4 M / Gross weight : 21 KG (Filter kit)

THE EMWAT1000 REQUIRES
ELECTRICAL POWER OF
230V/1/50Hz - 16AMP



THE EMWAT1000 CONSISTS OF A
PRESSURE PUMP, PRE-FILTER
AND POLLISHING FILTER AND THE
NECESSARY HOSES.



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