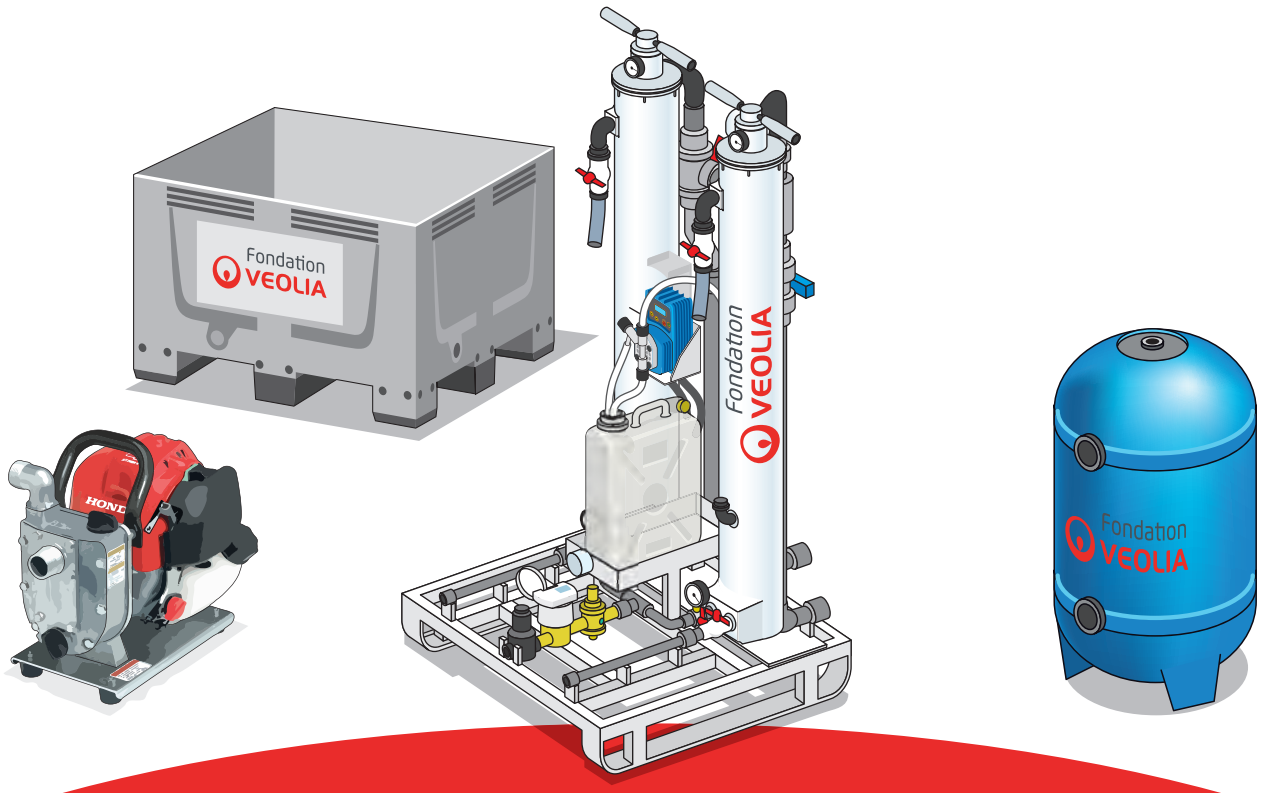
Foundation VEOLIA

Aquaforce 2000

Mobile water treatment unit for humanitarian emergencies

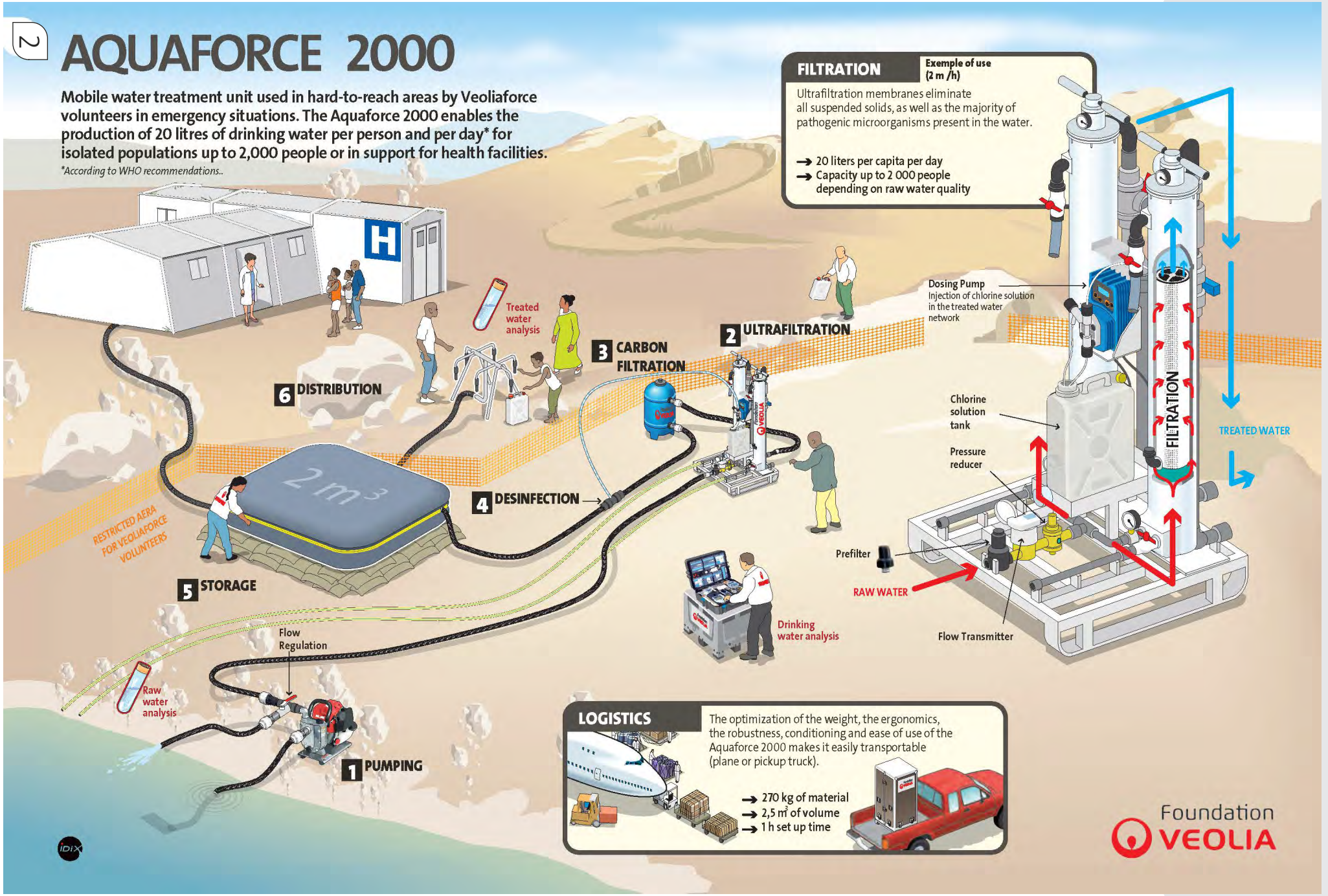


User manual

AQUAFORCE 2000

Mobile water treatment unit used in hard-to-reach areas by Veoliaforce volunteers in emergency situations. The Aquaforce 2000 enables the production of 20 litres of drinking water per person and per day* for isolated populations up to 2,000 people or in support for health facilities.

**According to WHO recommendations..*



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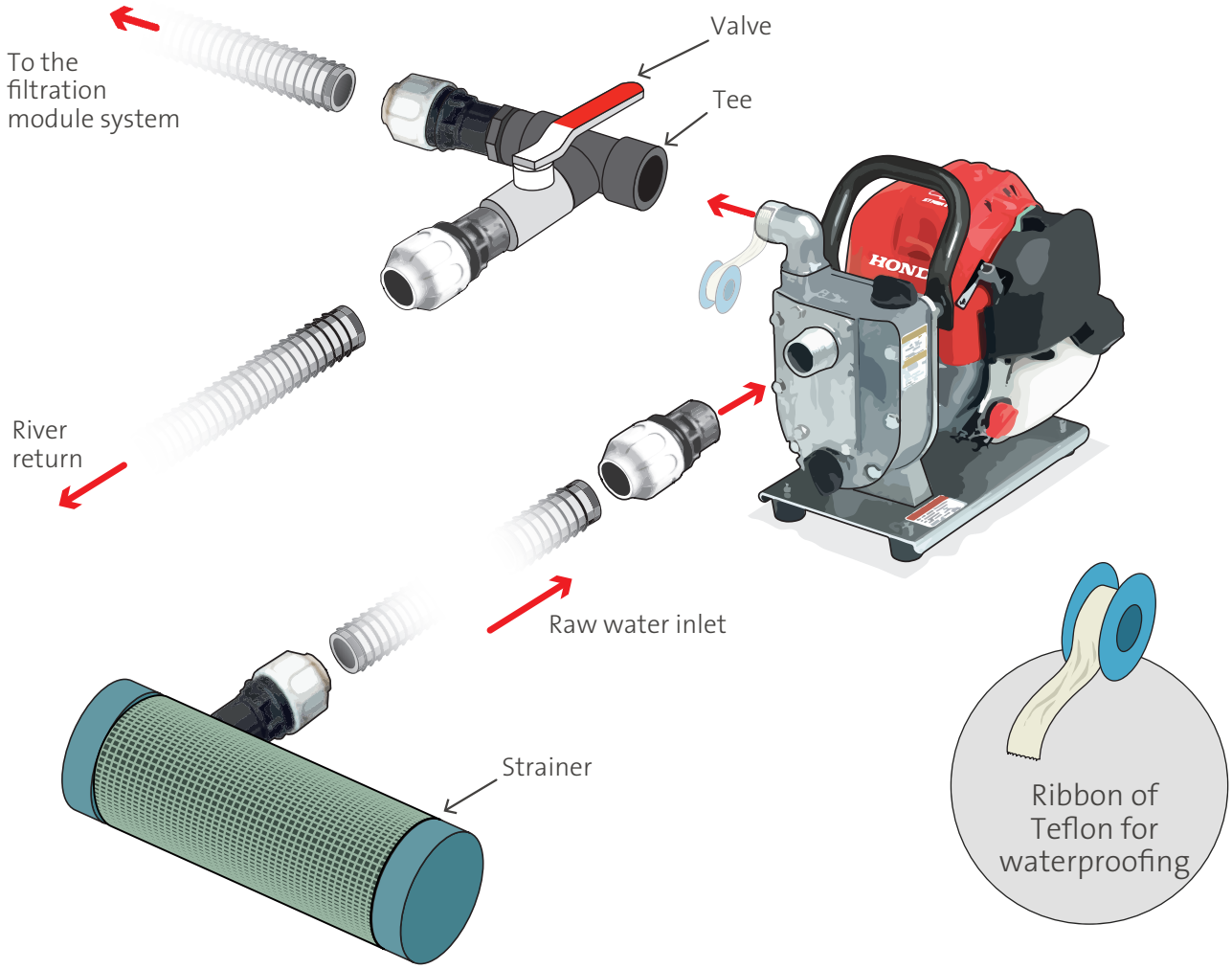
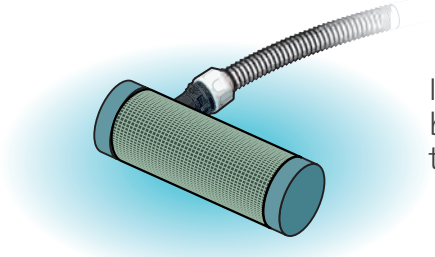
AQUAFORCE 2000 is a drinking water production kit designed for use in humanitarian emergency or post-crisis contexts. It operates through an ultrafiltration process. Membrane filtration removes all suspended solids and most pathogenic microorganisms from the water. After filtration, the injection of a chlorinated solution makes it possible to secure the distribution of water. The water thus distributed complies with SPHERE standards and WHO standards.

The mobile treatment unit can treat a wide range of raw water, but cannot treat salt or brackish water. The production rate varies according to the turbidity of the water, with a maximum of 2m³/h. The module is easily transportable and can be used to reach dispersed populations or to support emergency hospital structures (weight: 270 kg; volume: 2.5 m³). The equipment can be deployed by two people in two hours and only one person is required to operate and maintain it.

1 INSTALLATION OF THE PUMP



2 LAUNCHING THE STRAINER INTO THE WATER

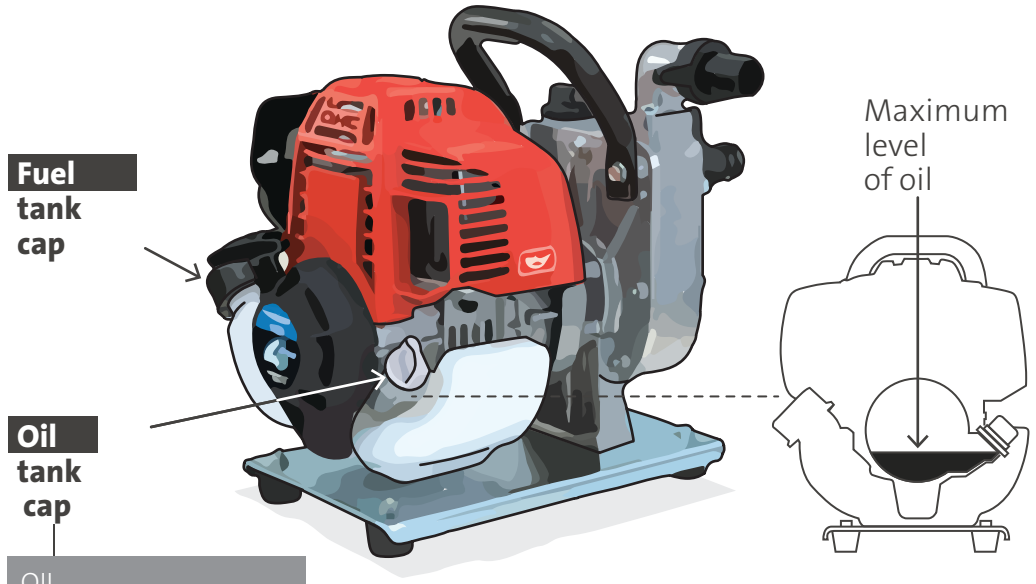


3 FILLING OF ENGINE CONSUMABLES

BE CAREFUL!

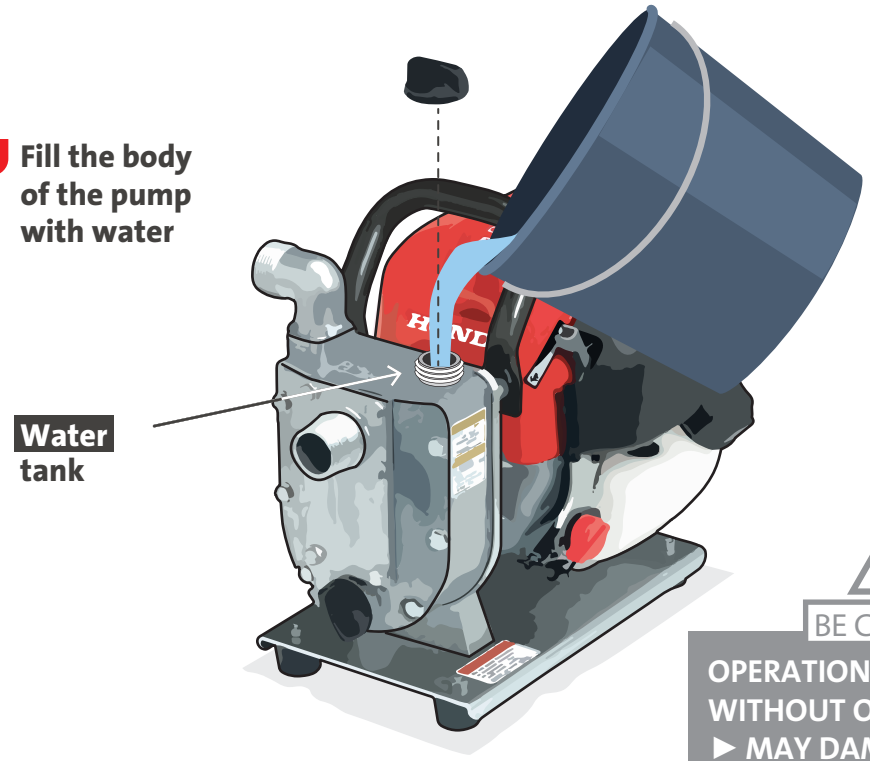
REFUEL FLAT
DO NOT TILT THE PUMP

1 Fill with oil and fuel



OIL
SPECIFICATIONS: 15W40

2 Fill the body of the pump with water



BE CAREFUL!

OPERATION WITHOUT OIL & WATER ► MAY DAMAGE THE PUMP