

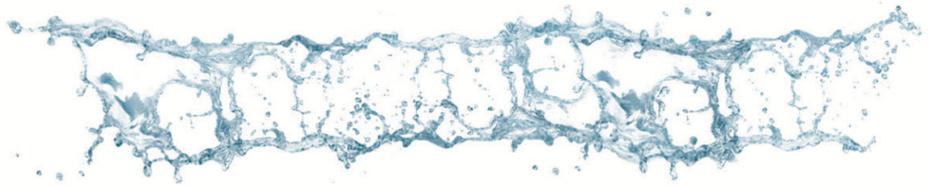
## REVERSE OSMOSIS: HORTI PURE



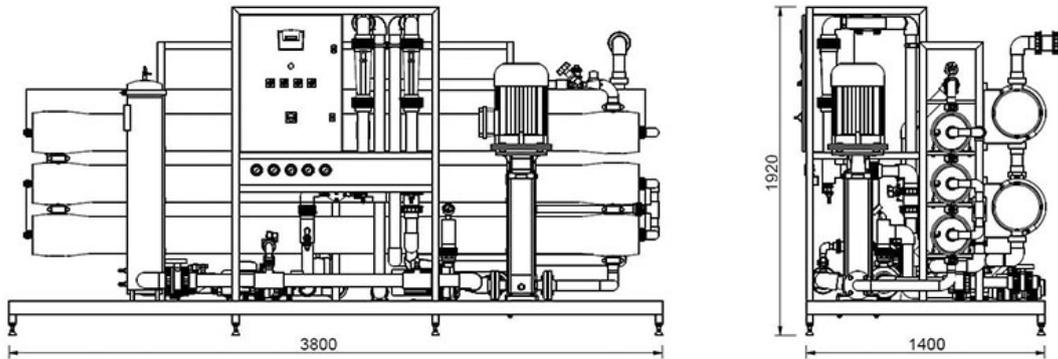
Our soil contains many minerals and pollutants that can disrupt processes and impact the quality of your products. Borehole water can normally be used effectively if substances such as sodium and chloride are reduced.

Reverse Osmosis is the most suitable technique for achieving this and the Lubron HORTI PURE RO series is the ideal equipment to choose.

- **Developed for borehole water**
- **Low energy consumption**
- **User friendly**
- **Easy maintenance**
- **Fully automatic**
- **High operational certainty**



TYPICAL ARRANGEMENT - HORTI PURE RO with approximate capacity of 10 m<sup>3</sup>/h



Dimensions shown are for reference only. Contact Lubron for certified drawings

There are occasions when simple filtration or basic mineral reduction of borehole water is not enough. It is specifically for these situations that the HORTI PURE range of RO units have been designed. Many available underground water sources such as boreholes or deep wells, if treated appropriately, can be utilised for potable or industrial water processes. Often only simple filtration, mineral reduction or conditioning is all that is needed. Sometimes however, quite sophisticated treatment processes, such as total mineral elimination may be the only option.

Depending on the raw water chemistry and process requirements, direct treatment of the water without the need for other pre-treatment or filtration could provide the desired quality. The HORTI PURE Series have been specifically designed for this purpose. Providing total mineral elimination and with modular selection the HORTI PURE series can produce almost limitless flow rates of up to 250 m<sup>3</sup>/h as standard. Installations with higher capacities can also be considered, if necessary.

The HORTI PURE series of Reverse Osmosis equipment is ideally suited to the horticultural industry and is connected directly to anaerobic boreholes. The quality of the spring water has a major impact on the design of the equipment and is therefore an essential step in the process. This is the reason Lubron offers the guarantee of effective water treatment and quality. Lubron are always happy to provide a comprehensive analysis of borehole water.

This range of equipment features various new elements, which have resulted in a lower cost price and lower energy consumption. The use of Low Energy membranes means lower working pressure is required to realise the same results, which results in reduced energy consumption. Lubron has achieved an already proven benefit by using a permeate rinsing device. When the equipment is stopped this device rinses the membranes with bacteriological and physically clean RO water. This keeps the membranes in ideal condition, thus prolonging their life.

LUBRON UK LIMITED reserve the right to change equipment specification without prior notice, as part of our continuous product development programme.



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**LUBRON UK LTD**  
Lubron House  
8 Challenge Way, Hythe Hill  
Colchester, Essex CO1 2LY  
Tel: +44 (0)1206 866444  
www.lubron.co.uk