



PUREH2O

Mobile water purification unit BlueBox 1200



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Mobile water purification unit BlueBox 1200



BlueBox 1200

- All integrated system.
- Set up time 5 minutes.
- Easy to operate and maintain.
- 1.200 litres drinking water per hour.
- Low operation costs.

Pre-filters

- 100 micron floating filter.
- 25-micron cartridge filter.
- Activated carbon filter. Optional with both granulate and solid carbon.



Mobile water purification unit

BlueBox 1200



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R/O-filters

- 8 serial connected R/O filters in stainless steel housings.
- Thin-film membrane
- R/O remover's most organic compounds, bacteria/viruses up to 99%

UV Lamp

- Power consumption 39 watts
- Indicator for power on and audible error

Pump/engine

- Integrated two diaphragm positive displacement pump
- Self-priming
- Can be run dry
- Lifting height maximum 6 meters
- Motor type Do8LA4, 0,75KW v. 50 Hz, 230 V
- Inverter

Dimensions

- Gross weight 225 kilos
- Length 1.20 m
- Width 1.00 m
- Height 0.80 m

Mobile Pump Stations



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Pureh20's Compact Pump Supply Stations includes two types of diaphragm pump units, the Electric Pump station and Petrol Pump station.



Pump data

- Capacity 2.200 litres/hour
- Maximum operation pressure 12 bars
- Lifting height maximum 6 meters
- Compact two diaphragm positive Displacement pump
- Low power consumption
- Self-priming
- Can be run dry
- Can rotate clockwise or anticlockwise
- Single grease point for lubrication
- Dry sump to simplify maintenance
- Polyurethane diaphragms and seals
- Cast iron crankcase and covers
- 1st suction port, 1st pressure port
- All hoses included

Mobile Pump Stations



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Electric engine data

- Electric engine 0,75 KW v. 50 Hz 230V, mounted with an inverter
- Power in 1 X 230 V
- Power out 3 x 230 V / 6,8 Amp.

Petrol engine data

- 6.5 Hp Briggs & Stratton engine
- Electric start
- World-wide Briggs & Stratton service

Concept

- Pump Stations are ideal for:
- Industry
- Agriculture
- Aid work
- Refuges camps
- Military
- Emergency management agencies
- Municipalities
- Construction camps

Applications

Water is life – Clean drinking water is a prerequisite of life. Most of the water on earth cannot be drunk without detriment to health, because it contains bacteria, microbes, heavy metals etc.

Ideal for both mobile- and stationary use.

Mobile use:

Aid work, refugee camps

Relief work

Military, emergency management agencies

When permanent water supply is out of operation.



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Stationary use

- Complete waterworks ideal for small and medium size communities includes one BlueBox 1200 purifier, generator if necessary, water tank 3-5.000 litres placed on a tower.
- Industrial solutions
- Agriculture
- Households, municipalities
- Construction camps and remote areas

Cases Vietnam



- PUREH2O A/S can support rural communities in the developing of water management that guarantee the availability of water to children, their families, small communities and future generations. With a combination of a plant from PUREH2O and a water tower a small community can have a complete waterworks without heavy capital investments. Furthermore the waterworks is easily installed.



Cases Vietnam



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The pictures illustrate a Pureh2o waterworks installed in the southern part of Vietnam. The waterworks was installed at a health clinic in the small village Vi Thui in co-operation with Center for Rural Water Supply and Sanitation and the Department of Environment & Natural Resources Management College of Agriculture, Can Tho University. It now serves as permanent water supply for the health clinic and the surrounding community.



BlueBox 1200



Easy to use

- High capacity
- Easy to operate and maintain
- Simple construction



How to operate the unit in 5 minutes

- Press hoses into the quick couplings outside the container.
- Connect the BlueBox 1200 to a power supply (electronic version).
- Turn on the green switch at the inverter the pumps manometer reads 8 bars.
- Drinking water can be tapped directly from the blue hose



BlueBox 1200



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The system is designed with a minimum maintenance requirements and do not require any special tool to maintain and operate.

Since all items are mounted inside the container the system can quickly be moved to another area. The dimensions observe international standards for transport.



BlueBox 1200



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Durability

- Easy to operate and maintain
- Simple construction
- Robust design

Serviceability

- Always service kits and replacement items available
- Technical support



BlueBox 1200



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Availability

- More than 45 years in market
- Permanent stock which can be mobilised in emergency situations
- All units are tested and controlled before delivery
- Finest grade materials
- You will find further information about the company, products and its possible use on our web site www.pureh2o.net

