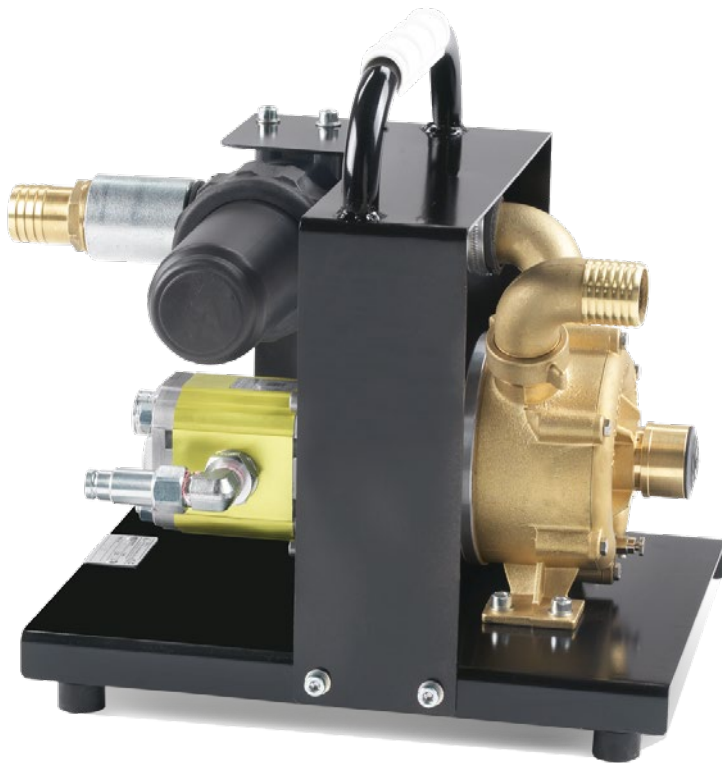


# WATER PUMPS

## WP 116

Self-Priming pump with hydraulic motor for evacuation from siphons of gas networks



- *Practical, robust and safe is irreplaceable in its application*

- *Fabricated in "spark free" anti explosive bronze*

- *Large water filter prevents dirt and metal chips to enter in the pump*

- *The water filter can be open in few seconds for cleaning and inspection*

- *Requires minimal and easy maintenance*

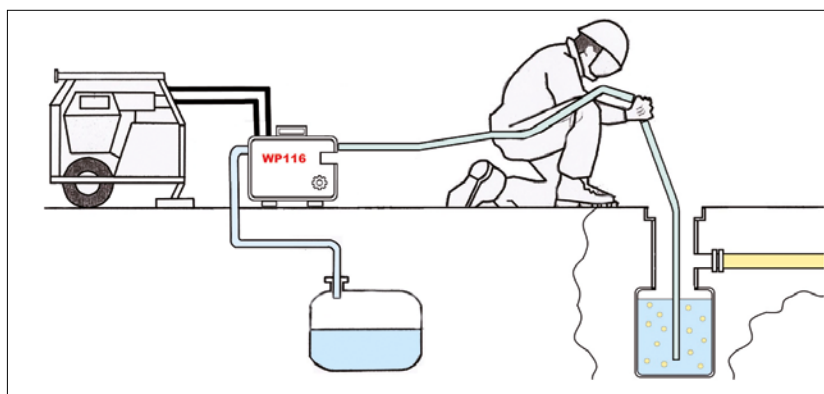
**WP116 CAN BE USED FOR MOVEMENT OF HOT WATER FROM HEATING NETWORKS, FOR USE OF THE PUMP WITH HOT WATER UP TO 100 °C. REQUEST THE CONSTRUCTION OF THE PUMP WITH VITON® GASKETS FOR HIGH TEMPERATURES (AT A HIGHER PRICE)**

**WP116** is a modern self priming water pump with hydraulic motor. The pump is designed for the suction and evacuation of water that accidentally entered in the collecting siphons located in the lower parts of gas networks. Water can enter into gas pipes after ruptures or maintenance interventions, this mass of water accumulated in the lower part of the network can fill up the siphons and also overflowing choking the pipes and preventing the normal free gas passage that inevitably flows away by "waves" causing water entering and damaging the gas meters and creating other problems that are well known by the gas maintenance crews. **WP116** is made in spark free bronze and with moving parts without metal/metal contacts so no possibility of creating localised overheated points. The hydraulic functioning (no electricity!) means implicit safety that has to be absolutely guaranteed in this delicate operation. For the use is enough to connect the suction mouth of pump with a flexible hoses to the siphon and then prime and pump out the mixture water/ gas / air, all in absolute safety and with the gas line in normal working condition. The fluid extracted has to be successively disposed according to local rules as it is a special waste. **WP116** is unique in its type, for characteristics, function and safety assurance cannot miss in the equipment of modern gas maintenance crews.

# WATER PUMPS

## WP 116

Self-Priming pump with hydraulic motor for evacuation from siphons of gas networks



**WARNING** The pump must not run completely dry for more than two minutes, this could damage the seals, if there is water in the siphon the pump will stick and pump after a few seconds. The pump can tolerate partially dry uses, as long as there is a minimum presence of water due to a small loss from a district heating network. A couple of minutes after the complete complete evacuation of the water must be interrupted.

TECHNICAL CHARACTERISTICS	WP 116
Weight (kg)	20
Dimension (LxH) (cm)	50x30x30
Water flow	110 L/min@1mt-25 L/min@20 mt
Water head	20 mt (2Bar)
Suction height	6 mt max from water level
Mouth dimension	diameter 40 mm both suction pressure
Suction diameter	ideal 25 mm
Pumpable fluid	only filtered water
Oil flow	20-30 L/min
Ideal oil flow	20 L/min
Oil pressure	100-210 Bar

