



## **GAS-VAC™ MAINS AND SYPHON DEWATERING EQUIPMENT**



**The Pipe Equipment Gas-Vac™ Mains and Syphon Dewatering system enables mains and syphons that have been contaminated by water to be quickly cleared by the use of a lightweight hand held venturi 'gun', powered by an on-site compressor, or bottled nitrogen.**

### **USES AND MODE OF OPERATION**

The Gas-Vac™ gun, which is supplied with an in-line one way valve and a vent stack (which vents to the atmosphere via a flame trap) is connected to the outlet of the 25 litre water collection container. The inlet of the water container is connected to the main, or syphon, to be dewatered using a clear flexible hose which terminates in an adapter to suit a mains top tee or syphon dip pipe. When the trigger on the Gas-Vac™ gun is activated, a vacuum is created within the plastic container, and the water from the main, or syphon, is drawn into the container. The container, which is negative pressure resistant, is constructed from opaque white plastic which enables the operator to see the amount of water extracted.

For direct connection to a syphon the Gas-Vac™ is supplied with a range of fittings. The use of an in-line ball valve ensures that the flow of gas can be controlled after the syphon is emptied. In the case of syphons with corroded dip-pipes, a length of nylon tube can be supplied with fittings to enable a no-blow insertion into the dip pipe. This nylon tube enables the operator to reach water at the bottom of corroded dip pipes which would otherwise remain.

When dewatering PE mains, the system is supplied with adaptors to enable no-blow connections to plastic top tees. This system allows for the safe removal of the top tee cutter and the introduction of the dip pipe into the main. As with the syphon system the use of an in-line ball valve ensures control of the flow of gas after the water is removed.

### **MAJOR FEATURES**

- Simple proven technique
- Lightweight and easily mobilised (no trailer required)
- Fast and efficient with a flow rate of over 7 gallons per minute
- Lifts water from depths up to 3 metres
- In-line check valve prevents inadvertent passing of air into main
- Safe venting to air via vent stack and flame trap
- No-blow connection to mains and syphons
- Toolbox supplied for all components except water tank

The company follow a policy of continuous product development and as such reserves the right to make alterations to equipment and techniques without prior notice.

## **PIPE EQUIPMENT SPECIALISTS LTD**

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