

Art. 904100

Manual Drain Cleaning Unclogging Pump

User Manual

Rev. 1.1 dated 01/03/2017



Congratulations! The tool you bought has been produced with high quality materials and advanced technologies, so good to be appreciated all over the world.

The present document contains important indications for use and maintenance of the machine, therefore it must be read carefully before the use and accurately kept for the future.

Use destination

Item 904100 is used for: general unclogging, for small gas, water and air systems tests, for loading expansion boilers.

The manufacturer declines all responsibility for damages caused from a wrong use of the machine. The machine does not be for any reason wrongly settled.

In that case the manufacturer declines all responsibility for the operation and security of the machine.

Instructions

FOR UNCLOGGING A DRAINAGE

1. Put the pump to the wished pressure. We suggest you to try with less pressure (~ 3 atm.) and to increase later in the event the tube has not been unclogged.
2. Insert the conical pad in the drainage to unclog, eventually using the bigger diameter pads for larger drainages already enclosed in the equipment.
3. After that be sure that the drainages connected to the one to unclog are closed with something so that the water in the tubes does not go out (Es. a wet rag), open the express tap keeping pressed the pad in the drainage.

TO TEST SYSTEMS

1. Close the tap and tight the screw without using other instruments. Please also close the slider tap.
2. Close the express tap and tight the screw with the same here above precaution; open the slider tap and put the pump to the wished pressure.
3. For the period relevant to the necessary time for test, remember to close the slider tap. In order to maintain the system in pressure without leaving the pump in the working area, MGF suggests to use [HELP](#) (Art.904400) not supplied in the pump equipment.

FOR LOAD EXPANSION BOILER VASES

1. Connect the pump to the expansion vase to load and execute operations 1. and 2. like in the previous operation.

Attention

Use the pump only for its functions following general safety rules. Keep the machine far from children. Keep the working place clean and with good light.

Put the pump in a way as that loading operation can take place in a safety way. *Avoid loading the pump on disconnected or not horizontal surfaces.*

Execute the loading operations making sure that there is a good keeping of the handle. *Do not work with greased hands; if necessary, clean the hands before loading the pump.*

During the loading, always help the return of the piston keeping well the handle.

Remember that the opening of the express drainage tap generates a reaction (repercussion) on the tube. The intensity of such reaction depends from the pressure to which it has been loaded the pump, but is in any case less than 20 N (~ 2 Kg). *Keep the tube strongly before opening the express drainage tap.* In any case, keep far strangers and children. Never address the tube towards people, animals or things.

The constructor declines responsibility for damages caused from the non respect of the destination use, of the instructions and of the warnings mentioned in the present document.

Maintenance

Lubricate the piston before using it.

The packing of the express drainage tap can be damaged with use, reducing the resistance of the same tap. In this and any other case, use original accessories and make only skilled staff doing repairing operations.

In case you decide not to use the machine, it is recommended to keep it far from children.

In case you wanted to throw it away, please disassemble the machine and collect the homogeneous parts in accordance with digestion rules. Do not use these parts as spare parts.

Conformity Declaration

MGF srl - Via Chico Mendes, 8 - 43055 Mezzani (PR) - Italy - declares that the manual unclogging machine (art. 904100) follows rule 2006/42/CEE.

For Information and Assistance

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Spare Parts

