



Jet Aerator Repair

1. Maintenance of water pump
See pump instruction manual

2. Venturi injector maintenance

2.1 MATERIALS AND PROPERTIES

Manufactured from stainless steel for high resistance to corrosion, abrasion, pressure and oxidation.

2.2 Injector Maintenance

2.2.1 The maintenance cycle of the venturi injector is the same as the maintenance cycle of the pump, each time the pump is repaired at the same time, the injector is checked and repaired;

2.2.2 Check whether the suction port of the injector is clogged, whether there are deposits and corrosion on the pipe wall, and if there are, it will affect the ability of the injector to inject the jet, which can be cleaned by brushing with water or acid to ensure that the injector's performance The brush can be used to clean with water or acid to ensure the performance of the injector and the service life of the injector.

2.3 Troubleshooting Injectors

2.3.1 Damaged jets (e.g., cracks caused by excessive tension, torque, etc.) will require replacement of the jets;

2.3.2 The jet injector itself can not produce differential pressure, is due to the inflow of power sources through the jet injector and pipeline pressure loss and the formation of a certain differential pressure to work. If the injector can not work properly, can be appropriate to change the installation position of the injector to achieve the normal operation of the injector differential pressure requirements, it is generally recommended to install pressure gauges in the injector inlet and outlet to measure the differential pressure.

2.3.3 The inlet pressure of the injector is low, and the pressure difference between the inlet and outlet of the injector is not enough, increase the head of the water pump or add a pressurized pump;



2.4 Causes and Responses to Inadequate Power Water Quantity

2.4.1

Reason: the actual use of water pumps and design does not match, the use of old water pumps or water pump damage.

Countermeasures: overhaul or replace the pump.

2.4.2

Reason: The connecting pipe of the jet injector is too small.

Countermeasure: Use the same pipe as the inlet and outlet of the matched injector.

2.4.3

Cause: Blockage in the jetter connection pipe.

Countermeasure: Clear the blockage.

2.4.4

Reason: The ejector model is too large.

Countermeasure: Choose a smaller power water injector.

2.5 Injector suction line is not clean/ or clogged, blow out and clear the clogging.

2.6 Jet in the water body for a long time will produce precipitation dirt and lead to changes in the internal dimensions of the jet, affecting the jet suction capacity, such as dirt produced by the usual use of 30% hydrochloric acid on the jet for 30 minutes to soak, clean, and then rinse with water can be completed.

Documents is translated by AI from Chinese documents. If you have any questions, Please contact us.

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