

PURPOSE:

WATER PURIFIER CRYSTAL TRIO DI PRO IS DESIGNED TO REDUCE THE ELECTRICAL CONDUCTIVITY OF INDUSTRIAL WATER.

ATTENTION:

- NOT INTENDED FOR DRINKING WATER SUPPLY.
- NOT INTENDED FOR TIEING-INTO WATER SUPPLY SYSTEMS.
- INSTALLATION OF THE WATER PURIFIER MUST BE CARRIED OUT BY SPECIALISTS AUTHORIZED TO CARRY OUT THIS TYPE OF WORK.

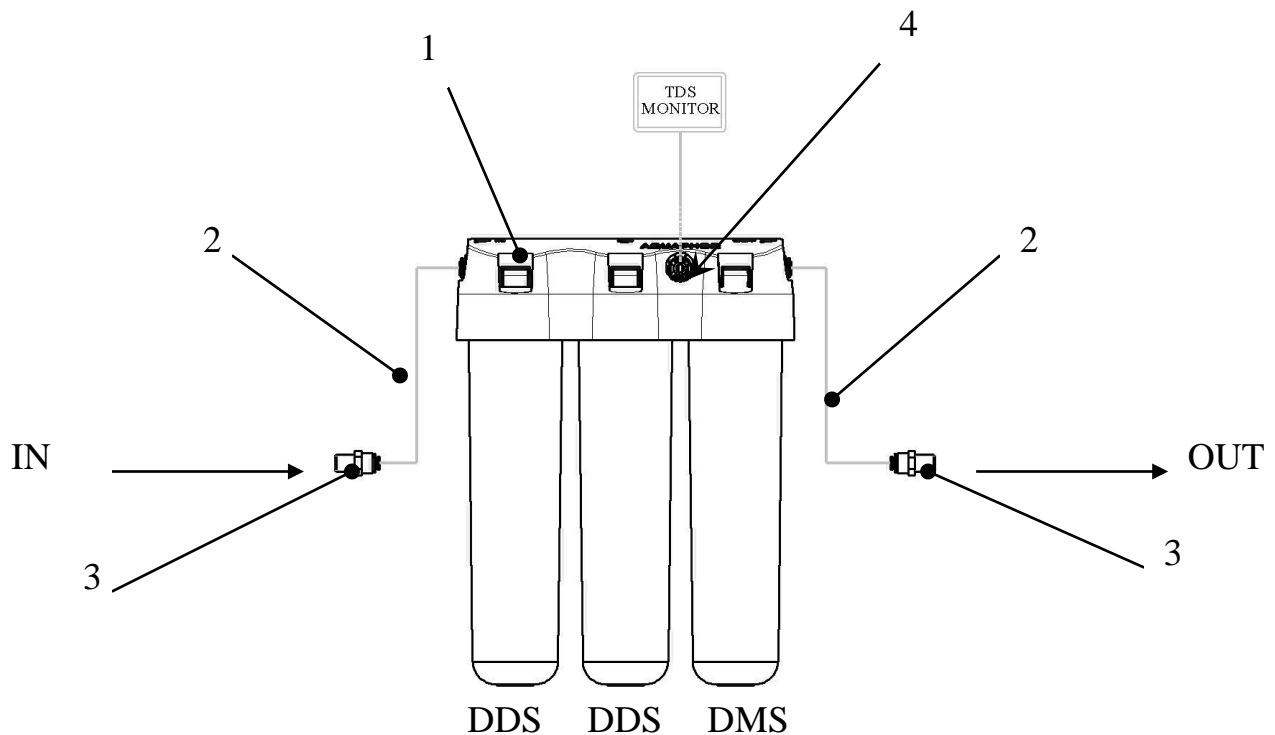
ARRANGED SETS:

Name	Quality
Manifold unit	1 p.
Changeable floating module:	
Deionization Cartridge (DDC)	2 ps.
Deionization & microfiltration Cartridge (DMC)	1 p.
Interconnector hose JG 1/4 "	2 ps.
Connector WA-MC0404 1/4 "ODx1 / 4" NPTF	2 ps.
TDS monitor Single Inline, model SM-1 "HM Digital, Inc."	1 p.
Service Manual	1 p.

PARAMETERS WATER PURIFIER CRYSTAL TRIO DI PRO:

Model	Crystal Trio DI PRO
Replacement filter cartridges	Deionization Cartridge (DDC), Deionization Cartridge (DDC), Deionization & microfiltration Cartridge (DMC)
The size of the filtered out particles (DMC)	0,1 μm
The service life (resource) of the replacement cartridges	100 L but not more that 1,5 years
Recommended filtration rate	2,0 L/min (0,5 gal/min)
Dimensions: no more than	260 x 90 x 340 mm
The maximum working pressure	0,63 MPa (6,5 bar) (95,5 psi)
Weight: no more than	3 kg (6,61 lbs)
Water temperature	+5...+38°C + 41 ... + 100 °F

CONNECTION DIAGRAM:



1. Water purifier
2. Tube
3. Connecting fitting, arresting clip
4. TDS - sensor (conductivity detector)

The water purifier is connected by arresting clips.

INSTALLATION OF MODULES:

ASSEMBLE THE WATER PURIFIER, KEEPING THE SEQUENCE OF INSTALLATION OF THE MODULES ALONG THE WATER FLOW (SEE MODULE INSTALLATION DIAGRAM).

TO INSTALL THE FILTER MODULE:

- REMOVE THE PROTECTIVE FILM FROM THE MODULE;
- INSERT THE MODULE UP INTO THE MANIFOLD BLOCK UNTIL IT STOPS AND, LIGHTLY PRESSING, TURN THE MODULE ANTI-CLOCKWISE UNTIL IT BLOOPS.

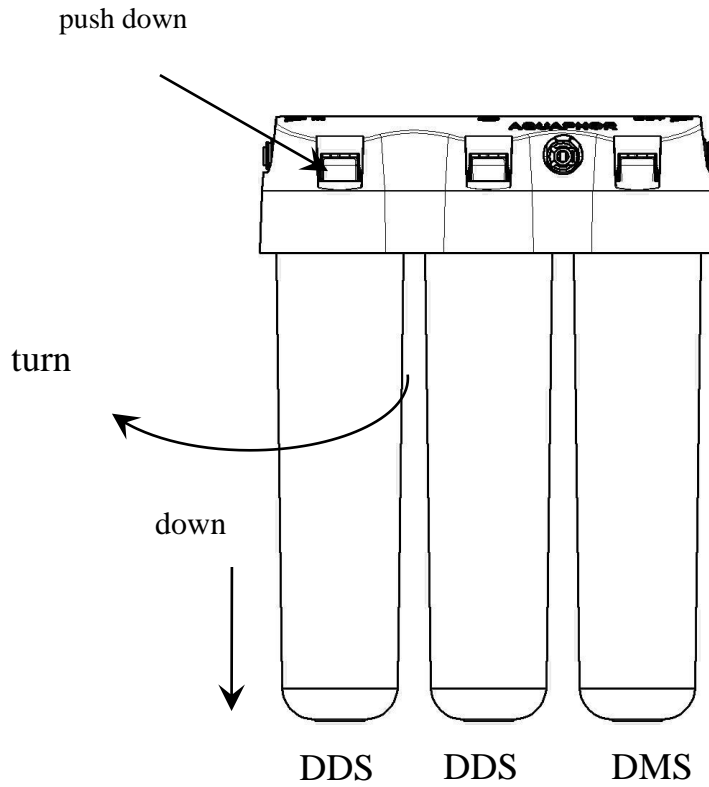
Attention!

Pay attention to the modules installation orders.

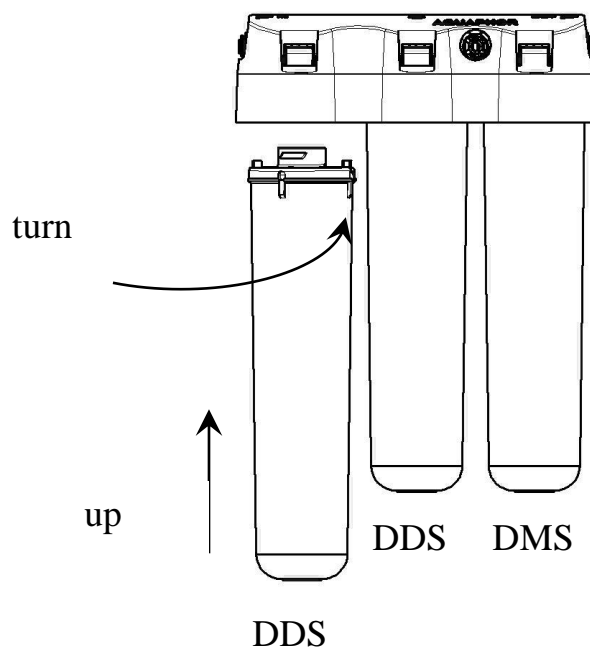
The purifier module DMS must be placed last in the direction of water to avoid transferring of gum into the clean water.

The point-to-point motion of the modules in the water purifier is indicated in the diagram.

MODULE INSTALLATION DIAGRAM



pic. 1



pic. 2

After installing new filter modules, wash out the water purifier in accordance with the section "After installing and linking-up the water purifier".

AFTER INSTALLING AND LINKING-UP THE WATER PURIFIER:

- Open the main pipe of cold water, make sure that the water purifier is pressured tight.
- Close the water and let the water purifier stand for 10 minutes.
- Make sure that the connections are tight.
- The water purifier is ready for use.

After washing the water purifier out, condition the water until the target designation system (TDS) isn't achieving.

Monitoring of the current TDS value is carried out through the monitor.

CHANGING OF NEW FILTER MODULES:

During the work service, the water purifier does not require special maintenance operation, except timely replacement of the filter modules.

Replacement of the filter modules is carried out based on the TDS monitor.

- By pressing to the stop and holding the stop button on the water purifier cover, unscrew the used filter module in clockwise-order,
- (see pic. 1, Module Installation Diagram).
- Remove the shrink film from the new module.
- Insert the new module into the collector block until it stops and, by pressing gently, turn the module anti-clockwise until it clicks (see pic. 2, Module Installation Diagram).

Attention! Replace the modules in your water purifier in a timely manner.

Remember, the water purifier with the modules with drain endurance is a beautiful, but useless thing.

NOTE:

If the ambient air temperature during operation of the water purifier reaches 38 ° C and above (the maximum operating temperature of the product), it must be disconnected from the cold water main tube until the temperature drops.

If you don't use the water purifier for more than a week, pre-run water through it for 5 minutes.

If you doubt on bacterial safety of the source water, after filtration the water must be boiled.

Purified water is not subject to long-term storage. Use only fresh water.

During transportation, storing and using the water purifier, protect it from impacts and fallings down, as well as from freezing of water in it.

Reclamation in accordance with environmental, sanitary and other requirements established by national standards in the field of environmental protection and ensuring sanitary and epidemiological welfare of the population.

Attention! It is not recommended to perform work on connecting the water purifier to the water supply network independently. This work should be carried out by a specialist authorized to carry out this type of work. The manufacturer is not responsible for the inadequate quality of the connection of the water purifier to the water supply network, as well as the result of this work.

Responsibility for the defects of this work, as well as for causing harm to the health or property of the consumer or other persons due to these defects is the responsibility of the performer of this work.

TERMS OF SERVICE AND GUARANTEES

The service life of the water purifier (except replaceable filter modules) is 5 years * from the manufacture date **. At the end of the service life, the water purifier must be replaced. ***

Service life (lifetime) **** of renewable filter modules is 6 months.

Service life (lifetime) of renewable filter modules is calculated from the date of sale of the water purifier to the consumer through the retail network. The date of sale of the water purifier (renewable filter modules) is determined by the store stamp in this passport or cash receipt. If the date of sale of the water purifier cannot be established, the service life of the modules is calculated from the date of manufacture of renewable filter modules.

Service life of the water purifier (with a set of renewable filter modules) before exploitation - no more than 3 years at a temperature of +5 to +38 °C, without breaking the packaging.

Guarantee period ***** of the water purifier exploitation (except renewable filter modules) is 1 year from the date of sale. The manufacturer is free from the guarantee obligations if this instruction is lost with dated data of production and / or sale and there are no other ways to determine the service life of the product.

The manufacturer is free from responsibilities in the following cases:

- improper installation (fixing) by the consumer of the product described in this manual;
- if the renewable filter modules that reached the end of its life time, weren't replaced in a timely manner;

- exploitation of the water purifier with exceeding the limits specified by the technical requirements of the maintenance conditions of the product (see this instruction).

In case of some complaints about the operation of the water purifier, contact the seller or the manufacturer. No complaints are received on water purifiers with external damages.

The water purifier does not require pre-sale preparation. The price is negotiable.

* In spite of product lifetime starting date

** manufacturing date – date of the form DD.MM. YYYY, which is indicated by the manufacturer in the label located on the back wall of the manifold housing.

*** using of a water purifier at the end of its service life can lead to damage to the health or property of the consumer or other persons and should be stopped.

**** The period during which the manufacturer undertakes to provide the consumer with the opportunity to use the goods for their intended purpose and be liable for significant defects on the basis of paragraph 6 of the Article 19 of the RF LAW ON CONSUMER PROTECTION.

***** The period during which, in case a defect is discovered in the product, the manufacturer is obliged to satisfy the requirements of the consumer established by the articles 18 and 29 of the RF LAW ON CONSUMER PROTECTION.