



Machine Tools

ALLFI Water Treatment System GREEN



Features

Technical water, as it is used for high-pressure pumps in waterjet cutting, differs in some components from tap water, which has been treated as drinking water.

ALLFI Water Treatment GREEN treats the feed water of the high-pressure pump without the addition of harmful chemicals:

1. Pre-filtration of chlorine, suspended solids and turbidity
2. An oxidation filter removes heavy metals, corrosion products, hydrogen sulphide and solvents
3. For softening, a catalyst converts the water hardness into compounds that leave no deposits
4. Free carbonic acid is removed by a degassing faucet
5. Silicates and residues of iron and carbonic acid are removed
6. An antibacterial nano filter protects against algae growth and removes the finest suspended particles
7. A so-called "police filter" serves as an indicator for the faultless function of the water treatment and blocks the water flow in case of malfunction



Advantages of ALLFI GREEN water treatment compared to conventional water treatment:

- Complete fresh water treatment without addition of chemical stabilisers
- Increased service life of high-pressure pumps and HP parts in the entire HP system of the cutting unit
- Trouble-free operation without electronic controls
- Easy to handle cartridge system
- Low maintenance effort
- Low operating and maintenance costs
- Simple "Plug and Play" installation

For more information

ALLFI website : allfi.com
ALLFI webshop : allfiwaterjetparts.com
Contact us : info@allfi.com

Superior Waterjet Parts



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Technical Data

Permissible water inlet pressure:	max 10bar
Setting pressure reducer:	max. 5.5bar
Water inlet temperature:	10 to 35°C
Maximum flow rate:	16 l/min
Conductivity at water input:	200-1200 µS/cm
TDS at water inlet:	140-840 ppm
Filtration:	activated carbon filter 10 µm in the water inlet Police filter 1 µm in the water outlet
Recommended change rhythm:	In case of heavy contamination or pressure drop >0.4bar
Working filter:	oxidation and antibacterial nanofiber fine filter
Recommended rhythm of change:	after 200m ³ water consumption or after 3 months
Dimensions approx. WxDxH in cm:	66x60x165
weight unfilled:	185kg
Connections input/output:	¾"-thread or hose nozzle 19mm

Part Number		Description
983000	ALLFI Water Treatment System GREEN	
983001	Water Analysis Kit	
Spare Parts		
1	983002	Filter cartridge stage 1 activeated-carbon block, 10μ
2	983003	Filter cartridge stage 2 oxidation cartridge
3	983004	SICO filter-granulate
4	983005	Nanofiber filter antibeacterial BB20", 1μm nominalone
5	983006	Filter cartridge stage 3 safety and control filter, 1μ

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