

MAINTENANCE OVERVIEW - TRUNZ WATER SYSTEMS



	Costs in CHF	TWU 001	TWU 002	TWU 010	TWB 002/TWU005	TSB 002/TBB200	TWS 200	TSS 200/TBS 200
Weekly (Operator)	Check pressure - max. pressure GE membrane 3.5 bar		x		x		x	
	Check pressure of the RO-System - Manually backflush of the RO-System - Check 5 micron filter (difference pressure switch)			x		x		x
	Check prefilter - cleaning by hand if pressure will not reduce after aut. Backflush of prefilter - activate backflush manually	x (every 3 month)	x	x	x	x	x	x
	Check system for pressure drop	x (every 3 month)	x	x	x	x	x	x
	Cleaning of the submersible pump (outside)		x	x	x	x	x	x
	Check clean water for smell	x (every 3 month)	x	x	x	x	x	x
	Clean solar panels						x	x
3-Month (Service technician)	Weekly check as above		x	x	x	x	x	x
	Cleaning of the Prefilter and conic filter in the GE membrane	x	x		x		x	
	Change activated carbon filter	x	x	x	x	x	x	x
	Change 5 micron filter			x		x		x
	Check automatic backflush of the GE membrane - Activate backflush manually - possible flush with bleaching liquid	x	x		x		x	
	Check RO-System - Activate backflush manually - Check oil level of the high pressure pump			x		x		x
	Check pressure switches	x	x	x	x	x	x	x
	Check product flow rate	x	x	x	x	x	x	x
	Check pressure of backpulse tank in the GE membrane	x	x		x		x	
	Check pressure of backpulse tank of the prefilter	x	x		x	x	x	x
Analyse the water for bacterias, virus, etc.	x	x	x	x	x	x	x	
Check the solar system incl. battery check			x			x	x	
Yearly	Check Integrity Test of the GE membrane	x	x		x		x	
	Check Membranes of the RO system			x		x		x
Maintenance costs	Replacement of activated carbon filter, approx. 4x/year	45.00/pcs.	x	x	x	x	x	x
	Replacement of filter cartridge (25m/100m), every 2 years	67.00/pcs.	x	x	x	x	x	x
	Replacement of 5 micron filter, approx. 4x/year	49.00/pcs.			x		x	x
	Costs of service technician	local tariff	x	x	x	x	x	x
	RO-Membrane cleaning treatment SC1, SC2, SC3	19.50/pcs.			x		x	x
	UF-Membrane cleaning treatment MC1	12.50/pcs.	x	x		x	x	