

# MAINTENANCE OF THE TRUNZ WATER SYSTEMS

## TWB 002/TWU 005

### Weekly (Operator)

- Check pressure
  - Max. pressure GE membrane 3.5 bar
- Check prefilter
  - Cleaning by hand if pressure will not reduce after aut. Backflush of the prefilter
  - Activate backflush manually
- Check system for pressure drop
- Cleaning of the submersibel pump (outside)
- Check clean water for smell

### 3 – Month (Service technician)

- Weekly check as above
- Cleaning of the Prefilter and conic filter in the GE membrane
- Change activated carbon filter
- Check aut. Backflush of the GE membrane
  - Activate backflush manually
  - Possible flush with bleaching liquid
- Check pressure switches
- Check product flow rate
- Check pressure of backpulse tank in the GE membrane.
- Check pressure of backpulse tank of the prefilter
- Analyse the water for bacterias, virus etc.

### Annually

- Check Integrity Test of the GE membrane

### Costs of annually maintenance

- |  |               |
|--|---------------|
| - App. 4 activated carbon filters                            | CHF 45.00/pcs |
| - Replacement of filter cartridge (25 m/100m), every 2 years | CHF 67.00/pcs |
| - Costs of service technician                                |               |
| - Membrane cleaning treatment MC1                            | CHF 12.50/pcs |

## TWS 200

### Weekly (Operator)

- Check pressure
  - Max. pressure GE membrane 3.5 bar
- Check prefilter
  - Cleaning by hand if pressure will not reduce after aut. Backflush of the prefilter
  - Activate backflush manually
- Check system for pressure drop
- Cleaning of the submersibel pump (outside)
- Check clean water for smell
- Clean solar panels

### 3 – Month (Service technician)

- Weekly check as above
- Cleaning of the Prefilter and conic filter in the GE membrane
- Change activated carbon filter
- Check aut. Backflush of the GE membrane
  - Activate backflush manually
  - Possible flush with bleaching liquid
- Check pressure switches
- Check product flow rate
- Check pressure of backpulse tank in the GE membrane.
- Check pressure of backpulse tank of the prefilter
- Analyse the water for bacterias, virus etc.
- Checking the solar system
  - Checking the batteries

### Annually

- Check Integrity Test of the GE membrane

### Costs of annually maintenance

- |  |               |
|--|---------------|
| - App. 4 activated carbon filters                            | CHF 45.00/pcs |
| - Replacement of filter cartridge (25 m/100m), every 2 years | CHF 67.00/pcs |
| - Costs of service technician                                |               |
| - Membrane cleaning treatment MC1                            | CHF 12.50/pcs |

## TSB 002 / TBB 200

### Weekly (Operator)

- Check pressure of the RO-System
  - Check 5 micron filter (difference pressure switch)
  - Manually backflush of the RO system
- Check prefilter
  - Cleaning by hand if pressure will not reduce after aut. Backflush of the prefilter
  - Activate backflush manually
- Check system for pressure drop
- Cleaning of the submersible pump (outside)
- Check clean water for smell

### 3 – Month (Service technician)

- Weekly check as above
- Change activated carbon filter
- Change 5 micron filter
- Check RO System
  - Activate backflush manually
  - Check oil level of the high pressure pump
- Check pressure switches
- Check product flow rate
- Check pressure of backpulse tank of the prefilter
- Analyse the water for bacterias, virus etc.

### Annually

- Check Membranes of the RO system

### Costs of annually maintenance

- |  |               |
|--|---------------|
| - App. 4 activated carbon filters                            | CHF 45.00/pcs |
| - Replacement of filter cartridge (25 m/100m), every 2 years | CHF 67.00/pcs |
| - Replacement of 5 micron filter, approx. 4 x/year           | CHF 49.00/pcs |
| - Costs of service technician                                |               |
| - Membrane cleaning treatment SC1, SC2, SC3                  | CHF 19.50/pcs |

## TSS 200 / TBS 200

### Weekly (Operator)

- Check pressure of the RO-System
  - Check 5 micron filter (difference pressure switch)
  - Manually backflush of the RO system
- Check prefilter
  - Cleaning by hand if pressure will not reduce after aut. Backflush of the prefilter
  - Activate backflush manually
- Check system for pressure drop
- Cleaning of the submersible pump (outside)
- Check clean water for smell
- clean solar panels

### 3 – Month (Service technician)

- Weekly check as above
- Change activated carbon filter
- Change 5 micron filter
- Check RO System
  - Activate backflush manually
  - Check oil level of the high pressure pump
- Check pressure switches
- Check product flow rate
- Check pressure of backpulse tank of the prefilter
- Analyse the water for bacterias, virus etc.
- Checking the solar system
  - Checking the batteries

### Annually

- Check Membranes of the RO system

### Costs of annually maintenance

- |  |               |
|--|---------------|
| - App. 4 activated carbon filters                            | CHF 45.00/pcs |
| - Replacement of filter cartridge (25 m/100m), every 2 years | CHF 67.00/pcs |
| - Replacement of 5 micron filter, approx. 4 x/year           | CHF 49.00/pcs |
| - Costs of service technician                                |               |
| - Membrane cleaning treatment SC1, SC2, SC3                  | CHF 19.50/pcs |

## TWU 001

### 3 – Month (Service technician)

- Check prefilter
  - Cleaning by hand if pressure will not reduce after aut. Backflush of the prefilter
  - Activate backflush manually
- Check system for pressure drop
- Check clean water for smell
- Checking the prefilter and conic filter in the GE membrane
- Change activated carbon filter
- Check aut. backflush of the GE membrane
  - Activate backflush manually
  - Possible flush with bleaching liquid
- Check pressure switches
- Check product flow rate
- Check pressure of backpulse tank in the GE membrane.
- Check pressure of backpulse tank of the prefilter
- Analyse the water for bacterias, virus etc.

### Annually

- Check Integrity Test of the GE membrane

### Costs of annually maintenance

- |  |               |
|--|---------------|
| - App. 4 activated carbon filters                            | CHF 45.00/pcs |
| - Replacement of filter cartridge (25 m/100m), every 2 years | CHF 67.00/pcs |
| - Costs of service technician                                |               |
| - Membrane cleaning treatment MC1                            | CHF 12.50/pcs |

## TWU 002

### Weekly (Operator)

- Check pressure
  - Max. pressure GE membrane 3.5 bar
- Check prefilter
  - Cleaning by hand if pressure will not reduce after aut. Backflush of the prefilter
  - Activate backflush manually
- Check system for pressure drop
- Cleaning of the submersibel pump (outside)
- Check clean water for smell

### 3 – Month (Service technician)

- Weekly check as above
- Cleaning of the Prefilter and conic filter in the GE membrane
- Change activated carbon filter
- Check aut. Backflush of the GE membrane
  - Activate backflush manually
  - Possible flush with bleaching liquid
- Check pressure switches
- Check product flow rate
- Check pressure of backpulse tank in the GE membrane.
- Check pressure of backpulse tank of the prefilter
- Analyse the water for bacterias, virus etc.
- Checking the solar system
  - Checking the batteries

### Annually

- Check Integrity Test of the GE membrane

### Costs of annually maintenance

- |  |               |
|--|---------------|
| - App. 4 activated carbon filters                            | CHF 45.00/pcs |
| - Replacement of filter cartridge (25 m/100m), every 2 years | CHF 67.00/pcs |
| - Costs of service technician                                |               |
| - Membrane cleaning treatment MC1                            | CHF 12.50/pcs |

## TWU 010

### Weekly (Operator)

- Check pressure of the RO-System
  - Check 5 micron filter (difference pressure switch)
  - Manually backflush of the RO system
- Check prefilter
  - Cleaning by hand if pressure will not reduce after aut. Backflush of the prefilter
  - Activate backflush manually
- Check system for pressure drop
- Cleaning of the submersible pump (outside)
- Check clean water for smell

### 3 – Month (Service technician)

- Weekly check as above
- Change activated carbon filter
- Change 5 micron filter
- Check RO System
  - Activate backflush manually
  - Check oil level of the high pressure pump
- Check pressure switches
- Check product flow rate
- Analyse the water for bacterias, virus etc.

### Annually

- Check Membranes of the RO system

### Costs of annually maintenance

- |  |               |
|--|---------------|
| - App. 4 activated carbon filters                            | CHF 45.00/pcs |
| - Replacement of filter cartridge (25 m/100m), every 2 years | CHF 67.00/pcs |
| - Replacement of 5 micron filter, approx. 4 x/year           | CHF 49.00/pcs |
| - Costs of service technician                                |               |
| - Membrane cleaning treatment SC1, SC2, SC3                  | CHF 19.50/pcs |