

11 CONSUMABLES AND SPARES

11.1 Consumables

Consumable Part no.	Description
20-0047	Ultra-filter**
37-0006	AMERICLEAN A POWDER-CENTURION*
37-0007	AMERICLEAN B POWDER-CENTURION*

Notes:

* Refer to, “**Chemical cleaning and heat disinfection instructions**”, **Section** Error! Reference source not found. for details.

Refer to **Section 9.5.1 for details on how to replace the Ultra-filter and **Section 9.5.2** for recommended replacement frequency.

11.2 Recommended spares list

11.2.1 Minor spares listing

The minor spares listing has been classified as those spare parts that can be removed and replaced in less than 1 hour, that require minimal retesting, are low risk and can be carried out by a trained/authorised technician without reference to **AmeriWater**.

*Instructions on how to replace/refit these items can be found in **Section 9.3** “Unplanned minor maintenance and repairs”.

Minor Spares Listing for Centurions.

Part No.	Part Description
59-0062	Chemical draw valve (S3)
59-0061	Inlet valve (S1)
59-0061	Drain#1 valve (S4)
59-0062	Permeate valve (S2)
80-0280	RO boost pump (E8)
80-0281	RO Boost Pump Speed Controller (E7)
41-0052	Turbine flow assembly (E16)
59-0061	Equalize valve (S6)
59-0061	Blend valve (S7)
59-0061	Drain#2 valve (S5)
RR082006	20mm, 5A fuse, electrical box
RR083349	Lithium battery, main PCB
66-0181	Lead, mains, C19/US
63-0045	15A, fuse, external
08-0025	8mm, clear, tubing
08-0030	Tubing, 8mm, Green
08-0031	Tubing, 8mm, Red
08-0032	Tubing, 8mm, Blue
08-0033	Tubing, ½”, Green

08-0022	Tubing, 4mm, Nylon Nat
0012-0001	Distribution Loop c/w bio sample point
16-0106	Walther .38 BSPP Stainless Steel Q-Con
16-0107	Q-Con, Hose Barb, Walther, PVDF
044-0126	Valve, Sanitary Sampling Port, SST
10-L380	LEGRIS Male Con, 8 mm T x .125 BSPT
10-0059	LEGRIS Stainless Steel Tubing Support
90-0133	Manifold, Adapter, Centurion PVDF
0121-0052	Ultra-filter bypass, Centurion
90-0174	Bracket, Retaining, Centurion
08-0050	Tubing, Insulation, 3/8", Black
08-0051	Tubing, Insulation, 3/4", Black

11.2.2 Major spares listing

Major spares are classified as those spares/assemblies that could require significant downtime to complete and may require assistance from **AmeriWater** due to their sensitivity. If you need to replace one of the items/assemblies listed in the table below, contact **AmeriWater** for specific instructions.

Major Spares Listing for Centurions

Part No.	Part Description
67-0018	Level switch assembly
RR083353	Centurion, TFT LCD Touch Screen (MD)
RR082027	Centurion, PCB, Touch Screen Driver
RR083413	Main PCB
77-0023	SMPS C11 24V
38-0006	Heater lead assembly
R0124-0001	Heat Sanitizable membrane