FRESENIUS MEDICAL CARE

AQUA RO Systems
Water Systems Parts List

FRESENIUS MEDICAL CARE

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Aqua Series RO Kits

Part Number	Part Description	UOM
24-2500-0	AquaB*plus*, B2, HF 2500	EA
24-2000-0	AquaB*plus*, B2, HF 2000	EA
24-1500-0	AquaB*plus*, B2, HF 1500	EA
24-1000-0	AquaB*plus*, B2, HF 1000	EA
24-0500-0	AquaB*plus*, B2, HF 500	EA
24-3000-1	AquaB*plus*, HF 3000	EA
24-2500-1	AquaB*plus*, HF 2500	EA
24-2000-1	AquaB*plus*, HF 2000	EA
24-1500-1	AquaB*plus*, HF 1500	EA
24-1000-1	AquaB*plus*, HF 1000	EA
24-0500-1	AquaB*plus*, HF 500	EA
24-0970-0	AquaC Uno H	EA
24-10VA-0	AquaC Uno H 120V/60Hz/1000VA - USA - UL	EA

Aqua Series Central RO Parts

Part Number	Part Description	UOM
5453721	Fabric Reinforce Silicone Tube, d=6mm	EA
5728021	VIV–Pipe Clip GOEMA D25	EA
5790741	VIV–O-ring EPDM 11x2	EA
6303761	VIV–Cable Tie 4,8 x 280 mm	EA
6309351	VPE–Pipe PEX 25x3,5mm (50m ring)	EA
6309401	VIV–Sliding Sleeve 25x3,5mm for PEX Pipe	EA
6309701	Dowel 6/36 for Screws d4,0-d5,0	EA
6309721	Dowel Steel ID 8mm Thread	EA
6309751	VIV–Screw SPAX 5x50	EA
6309791	VIV–Screw SPAX 5x40	EA
6309851	VIV–Pressure Gauge 0-10 bar	EA
6309911	HT–Bend DN50 87° *Installation FWT	EA
6310931	VIV–Hose Clip S 12/9 Stainless	EA
6311081	Permeate Closure Nipple DN6 R 1/4"-11MM	EA
6311111	Through Nipple DN6 Nozzle 9mm Stainless	EA
6311151	VIV–Pressure Gauge 0-25Bar R1/4" Rear Stainless	EA
6311851	VIV–Pipe Clamp M8 50-55mm	EA
6311881	Threaded Socket M8 x 30	EA
6311891	VIV–Hanger Screw M8 x 80	EA
6312371	Flange d19, Permeate Nipple, msc	EA
6313721	Water Sensing Device gwf-1s Jack Plug 2,5mm	EA
6314101	VIV–Thread Bar BS413 M8x40	EA
6314111	VIV–Washer M8 Stainless Steel	EA
6314121	VIV–Nut M8 inox	EA
6314711	VIV–Pipe Elbow 90° incl. 2 clamping sleeves	EA
6314721	VIV–Pipe Elbow 45° incl. 2 Clamping Sleeves	EA
6314961	Dowel 10/61 for Screws d7,0-d8,0	EA
6315551	VIV–Pipe Clamp M8 74-80mm	EA
6315851	VIV–Pipe Clamp, M8 25x28mm	EA
6316031	Connector 90° for PEX 25x3, 5mm, stainless	EA
6316041	Connector Straight for PEX 25X3, 5mm, S/S	EA
6318241	Pipe Clip GOEMA D32	EA
6318271	Information Label Plain White	EA
6318631	Compression Aid for PEX Tubing	EA
6319921	VIV–Castor Double Wheel turnable w/ Brake	EA
6319931	VIV–Castor Double Wheel turnable no Brake	EA
6322311	VIV–Hexagonal Nut-DIN 985-M8-Stainless Steel	EA
6323161	VIV–Ring Magnet Hard Ferrite	EA
6324761	Hexagonal Nut-DIN 985-M8-Stainless Steel	EA
6325111	VIV–Clip half pipe 3m Installation Material	EA

Aqua Series Central RO Parts

Part Number	Part Description	UOM
6325631	PEX Connection VA Straight	EA
6325801	Connector 180° PEX 25x3,5mm Stainless	EA
6326261	VIV–Pipe Sealing Cord Loctite 55 150m	EA
6326411	VIV–O-ring 97 X 3,5mm	EA
6326421	Dowel 8/51 for Screws d5,0-d6,0	EA
6327001	Permeate Block VA Straight CPL. MVZ	EA
6327431	VIV–Power Supply Unit 24 VDC 4,5A	EA
6327481	Relay Interface Mmodule 8A *AquaB*plus*	EA
6327751	VIV–Solenoid Valve 24V, No Valve Body	EA
6328331	Flowmeter AquaB*plus*	EA
6328551	Connecting Nipple d=19mm *AquaB*plus*	EA
6338681	Adapter PEX/PVC Thread Union D25	EA
6341131	AquaDetect SensorUnitComplt,w/RJ45Socket	EA
6341321	Servo float break tank AquaBplus	EA
6341461	VIV–Pipe Clamp DIN3015 Ø30mm	EA
6341491	VIV–Coupling Victaulic Viton	EA
6341801	Membrane Front *AquaDetector	EA
6341831	Display LCD AquaDetector	EA
6341881	Membrane Insert, Servo & Solenoid Valve	EA
6342251	Contactor Relay 24V DIL MC12-10	EA
6342271	AquaDtctSensorUnitComplt,w/outRJ45 Socket	EA
6342281	VIV–RJ45 Cat5 Surface Socket with 2m Cable	EA
6342761	Insulating Tape,1roll=15m;50mmWd,3mmThck	EA
6342881	Nozzel & Membrane, Servo Valve	EA
6342901	VIV–Cover Frame 1-fold CD581WW Jung White	EA
6343381	Socket Potential Equalization	EA
6343411	Suppressor Element F. Solenoid Valve	EA
6343991	VIV–Motor Protection Switch PKZM 0-6.3A-C	EA
6345031	VPE–Pipe PEX 25x3, 5mm (RING 100m)	EA
6345491	Servo Valve V1 *AquaBplus	EA
6346191	VIV–Motor Circuit Breaker 12A; 185-275V	EA
6346391	VIV–Drain, Funnel Unit MSP	EA
6346401	Closure for Drain Funnel	EA
6346511	Identification Label-Permeate Ring Main	EA
6346681	PP Block Heat Disinfection	EA
6348241	Thread Bar M8X1m, Zinc Coated	EA
6348611	Traffic Light **AquaBplus*	EA
6348631	VIV–Pressure Sensor 0-10bar	EA
6348661	VIV–Pressure Sensor 20bar	EA
6348691	VIV–Hall Sensor for VTH25 FL-F, FL-C	EA
6348801	Turbine Flow Meter VTH25	EA

Aqua Series Central RO Parts

Part Number	Part Description	UOM
6348821	VIV–Hall Receptacle for VTH20/25	EA
6349011	VIV–Conductivity, Temperature Sensor	EA
6360371	VIV–Temperature Sensor, PT 1000	EA
6360401	SurfaceMtCapSingleJungCD581AWWAlpineWhit	EA
6361181	VIV–Sample Taking Kernel, PP	EA
6361501	Tubing Disinfection AquaB*plus*	EA
6361861	ClosingContactElement,NormalOpenContact	EA
6363361	Pressure switch 1/4" 1-6bar *AquaB2	EA
6363681	Motherboard PCB AquaB*plus*	EA
6363691	Keyboard PCB * AquaB*plus*	EA
6363701	Membrane keyboard *AquaB*plus* USA EC<120	EA
6363711	Connection PCB AquaB*plus* EC<120	EA
6363721	Failsafe PCB AquaBplus EC<120	EA
6363731	CPU PCB *AquaB*plus*	EA
6363761	CDT–Block VR20 *AquaB*plus*	EA
6363781	Venturi Tube *AquaB*plus*	EA
6363841	Valve V30/D3 *AquaB*plus*	EA
6363851	Solenoid Valve V27 * AquaB*plus*	EA
6363901	Flow Meter Turned * AquaB*plus*	EA
6364151	JG Elbow Screw Connector 4mm * AquaB*plus*	EA
6364171	VIV–CLAMP Seal Ring DN 32	EA
6364231	VIV–Pressure holding Valve D6/VR9	EA
6364261	VR27 Check Valve without Base Body	EA
6364311	Valve V10 * AquaB*plus*	EA
6364321	Flow Meter * AquaB*plus*	EA
6365031	VIV–Seal Kit, Shaft Seal EPDM,Pump CRN/CRI/CR	EA
6365211	RO MembraneAquaBplus AC <119/B2 AC< 107	EA
6365231	VIV–Check Valve VR31S Bare * AquaB*plus*	EA
6365241	WQS Sampling Set for Sample Port	EA
6365361	RetrofitKitTrafLightBuzIncl.Install.Mat.	EA
6365371	Signal Column Half Dome 90 with Buzzer	EA
6365381	YellowMuteButton w/ surface-mt housing	EA
6366021	VIV–Flat Seal 11,5 x 3,6 EPDM	EA
6366351	Angle Nozzle 90° Clamp to PEX	EA
6366381	Key Switch AquaB*plus*	EA
6367771	Emergency Operation Switch AquaB*plus* B2	EA
6416851	VIV–Canister Adapter (YELLOW)	EA
6424281	VIV–Hose clip D13,8	EA
6453361	VIV–Hose clip D12,8; RER; stainless	EA
E01000022	VIV–Inlet EPDM pipe clamp	EA
E02000306	VIV–O-ring EPDM 135x5	EA
E02090063	O-ring 11x1,5 EPDM	EA

Aqua Series Central RO Parts

Part Number	Part Description	UOM
E03000183	VIV-TerminalBlockST6-Twin-BUST6-Twin-BU,blue	EA
E03000527FMC	Potential Equalization Bolt	EA
E05000001	ConnectStraightPEX-WeldingChamferODØ25,4	EA
E06000287FMC	Membrane Set AquaC UNO - > EC013 NOL	EA
E06000037ET-US	ROMembraneAquaB*plus* AC >=123/B2 AC>= 111	EA
E07000241	VIV–ThermaTape TS PRO 50/2mm x 15m	EA
E08000175	Nipple ID Ø25mm connector PP-Block	EA
E08000983	VIV–PARKER ELBOW D=6	EA
F00001162	VIV–Hose-PVC 32,4x4,8/2m incl. Fit. 1 1/4"	EA
F00001163	VIV–Hose PVC 32.4 x4, 8/3m inkl.Fit.1 1/4 "	EA
F40011829	VIV–Line filter, two-stage, 3A	EA
F00001212	Double nipple VA 1 1 / 4 ",Incl Sealings	EA
F00002142	HT–socket end cover DN 70	EA
F00002143	HT–T-piece DN70/87°	EA
F00002145	HT–elbow DN70/87°	EA
F00002146	HT–elbow DN70 / 45°	EA
F00002147	HT–pipe DN 70, 1000mm long	EA
F00002148	HT–pipe DN 70, 500mm long	EA
F00003212	AquaB*plus* Option "Ringbase"	EA
F00003313	Option Ringunit advanced, 1 ring	
F00003314	AquaB*plus*Option"RingunitAdvanced", 2 rings	EA
F00003315	AquaB*plus*Option"RingunitAdvanced", 3 rings	EA
F00003642	Option "External Buzzer" *AquaB*plus*	EA
F00005884	LFT-Block with PEX connection	EA
F00005969	“The Hook” – MSP	EA
F00006166	“The Hook” – MediaR	EA
F00006167	“The Hook” – MSC	EA
F00006168	The Hook, MediaP / MediaC	EA
F00006410	AquaDetector central unit max.40 places	EA
F00006456	Fluid Fly Loop 2x2m Coup Probe	EA
F00006457	Fluid Fly Loop 2x2m Coupling	EA
F00006504	MSM mounting element	EA
F00006522	Washer 6,4x20x1,5,A2K - DIN 522	EA
F00006524	VIV–Hexagonal Bolt 6x70	EA
F40002488	Hood Holder AquaB*plus*	EA
F40002656	Level Rod * AquaB*plus*	EA
F40002921	Wall Plg Trans 100-240V,50/60Hz; 24V-0,625mA	EA
F40004477	Failsafe PCB AquaB*plus* EC>=120	EA
F40004478	Connection PCB AquaB*plus* EC>=120	EA
F40005159	VIV–Door Lock	EA
F40005532	Key for Control Cabinet	EA
F40005665	Closure Ccoupling DN4 w/ Nozzle 6mm PPSU	EA

Aqua Series Central RO Parts

Part Number	Part Description	UOM
F40007037	O-ring EPDM 135x5	EA
F40007331	Option Ring Unit Advanced, 1 ring	EA
F40007332	VIV–Flow Indicator 2 rings	EA
F40011829	VIV–Line Filter, Two-Stage, 3A	EA
G03000117	PEX–Connector Fluid Fly Loop	EA
G03000561	MountingKitRingMainPermeateFixingBracket	EA
G03000570	VIV–Mounting Kit Permeate Block Straight USA	EA
G03000634FMC	VIV–TankValveCover,icl. Installation Material	EA
G03040270ET	Baseplate AquaB*plus* HF	EA
G04000055	VIV–Power Supply Connection Cables 24VDC	EA
G04002034US	VIV–Tank Control Valve Perm.	EA
G04040142	Connection Ringbase *AquaB*plus*	EA
G04040119ET	VIV–Block P5 with T-Hin AquaB*plus* H	EA
G04040165FMC	Ring Base NOL	EA
G04040170	VIV–Cable Pressure Sensor	EA
G04040258	Retrofit Kit Monitor AquaB2 HF-USA (ab	EA
G04040276	Conn. Line AquaB*plus* to AquaB HF	EA
G05000067	GSM-Modul for IDMS Gateway Standard	EA
G05000505	StandardSparePtSet*AquaB*plus*120V/60HzUL	EA
G09000100	Pressure Pipe AquaB*plus*, Weld,w/ Lammelar Ring	EA
M05000149ET	VIV–Motor Circuit Breaker 16A; 185-275V	EA
M05000189	VIV–Motor Circuit Breaker 16A	EA
M10000327	Plug Phoenix 7 pol FMC 1,5/7-ST-3,5	EA
M12000312	ReducingDoubleNpleG1¼“–1½ NPT,Mat.1.4404	EA
M12000313	VIV–Transition Nipple G1¼“–1¼ NPT, Mat. 1.4404	EA
M12000314	Hollow Wall Anchor HHD-S M8/12x54	EA
M12000315	Hollow Wall Anchor HHD-S M8/24x66	EA
M12002040FMC	Through Coupling DN6R1/4" w/ Nozzle, incl. Nut	EA
M12002550	VIV–Washer 6,4x20,A2	EA
M12004231	VIV–Socket, Threaded M8, length 40mm	EA
M12008194ET	Press Tube Covr AquaB*plus* AC <119/B2 AC <107	EA
M12008281	Silicone Section 108-31-6	EA
M12008429	Hammer-Head Fastener M8	EA
M12009403	VIV–Oval-Head Screw, DIN 7985, A2, M6*10	EA
M12009586	VIV–Hexagon Head Screw DIN 912, A2, M5*20	EA
M12009612	VIV–Hexagon Head Screw DIN 912, A2, M6*50	EA
M12009617	Hexagon Socket Screw M6 x 90, A2, DIN 912	EA
M12010061	VIV–Set screw M8x30, A2 DIN 913	EA
M12010066	Threaded Rod M8 x 150, Steel, Galvanized	EA
M12010532	VIV–Spacer Plate 3,5mm for Pipe ClampDIN3015 d30	EA
M12015034-S	VIV–Drain Funnel MSP, Standard Black	EA
M12040161FME	Membrane Keyboard AquaB*plus* USA AC> = 120	EA

Aqua Series Central RO Parts

Part Number	Part Description	UOM
M12040242ET	Permeat Collector Pipe Adapter Incl. O-ring	EA
M12040265	VIV–Cove for Pressure pipe Ø139,7x2 complete	EA
M12040271	VIV–Spacer for Stauff Bracket, height 38, 5mm	EA
M13000030	FUSE 315	EA
M14000012	Contact Relay 18A,7,5kW/400V/AC3,24VDCcl	EA
M14000013	Contact Relay 40A,18,5kW/400V/AC3,24VDCcl	EA
M14000014	Cont Rel, 3p1S1Ö,7,5kW/400V/AC3,18A,24VDC	EA
M14000015	LineSfSw8A,240V14kA,3phase,C,T=70mmUL489	EA
M14000016	LineSfSw35A,240V14kA,3phase,C,T70mmUL489	EA
M14000033	Contactor 24V/32A LC1DT323BD	EA
M14000040	VIV-Thermal Overload Relay, 9-13A, UL 508	EA
M14000041	Line Safety Switch 30A, 240V 14kA, 3-pole	EA
M14000042	Circuit Brkr. 32A,240V14kA,3p,C,T70mmUL489	EA
M14000044	VIV–Thermal Overload Relay 12-18 A,600V, 3-Pole	EA
M14000149	VIV–Motor Protection Switch LRD10	EA
M435331	PVC tube 10x3 Black, 50m Roll	EA
M513651	VIV–Hose Concentrate Return, incl. Cartr. Connect.	EA
M513711	VIV–Safety Thermostat 140°C for Heater	EA
M531251	Closure Coupling NW 6 - DN 6 - D=10	EA
M531261	Closure Coupling DN 6 Nozzle 7mm	EA
M537901	Base Block*AquaB*plus* HF w.Flow Switch VR-P5	EA
M542361	Closure Nipple DN 6 Nozzle 10mm	EA
M557381	VIV–Hose Clip D14,0; RER; stainless	EA
M561551	Front Door AquaB*plus* / AquaB*plus* B2	EA
M565901	Extended Ring Main 2x3m	EA
M565911	Extended Ring Main 2x5m	EA
M565921	Extended Ring Main 2x10m	EA
P05000133	Wall Plug Transformer NOL	EA
P05000149ET	V10 SOL Valve / ACUSTICS NOL	EA
P05000159	VIV-Solenoid 24V DC	EA
P05000180ET	SERVO Valve with Nozzle NOL	EA
P05000231ET	VIV–Heater 3X3KW / 208V 9KW	EA
P05000232ET	VIV–Heater 3X3,5KW / 208V 10,5KW	EA
P07000322	VIV–O-ring seal kit EPDM, pump CRN/CRI/CR	EA
P07000323	VIV–Pump GrundfosCRN5-3X-P-G-E-HQQE	EA
P07000323ET	VIV–Pump CRN 5-3 X-P-G-E-HQQE	EA
P07000331	VIV–Pump CRN5-16 X-P-G-E-HQQE	EA
P07000335	VIV–Pump CRN3-23 X-P-G-E-HQQE	EA
P07000336	VIV–Pump CRN 3-25 X-P-G-E-HQQE	EA
P07000638	Motor P2 AquaC NOL	EA
R01000306	Insulat. Mtrl.13x28 mm, Rigid. Adhe. (1pc=2m)	EA

Aqua Series Central RO Parts

Part Number	Part Description	UOM
R344661	Check Flow Analyzer Flowmeter AquaB*plus*	EA
W03000201FMC	Mod. Pipe Cap Memb.Test Kit*AquaB*plus* AC>119	EA
W03000081	Standard Tool Set AquaB*plus* – Bio Med	EA
W03000082	Standard Tool Set AquaB*plus* – RTOM	EA
W03000082-02	Standard Tool Kit AquaB*plus* – RTOM without Membrane Test Set	EA
6341771	Connection Socket *AquaDetector	EA
F40009457	V40 Block with Piping System AquaB*plus*	EA
G04020128-US	Control Box LED Signal Traffic Light w/buzzer	EA
G04040105ET	Servo Valve V36, V36s, V46s AquaB*plus*	EA
G04040119ET	Pump Flow Block AquaB*plus* HF	EA
M12040174ET	Pressure Tube Cover AC> = 123/B2 AC> = 111	EA
M14000148	Contactor 24V / 25A	EA

Aqua Series Media Supply Parts

Part Number	Part Description	UOM
F40000557	Outlet Coupling MSM	EA
F40008977	MSM Mounting Element	EA

Aqua Series Portable RO Parts

Part Number	Part Description	UOM
6030511	WQS sample adapter for permeate nipple	EA
6327691	VIV–Solenoid Valve V30 24VDC	EA
6343081	VIV–Solenoid Valve 2/2 24VDC DN7 0,2-10BAR	EA
6349271	Capacitor 8µF/400V // AquaC UNO H	EA
6365011	Version “Hygiene” ring main 2x1,5m	EA
6366311	Membrane Set AquaC UNO H	EA
6366401	Power Supply 24V DC	EA
6366931	Level Rod with Servo Float *AquaC UNO H	EA
6366941	Level Rod w/o Servo Float *AquaC UNO H	EA
6367071	Servo Valve with Nozzle	EA
6367161	VIV–Disinfection Connector Cap	EA
6367171	Servo Valve V11 (option acoustics)	EA
6367241	VIV–Hose System Internal	EA
6367261	Control P.C.B. AquaC UNO H 120-240 V	EA
6367321	Connector Cover AquaC UNO H	EA
6367341	Touch Panel AquaC UNO H	EA
6367531	VIV–Conductivity Temperature Sensor	EA
6367751	SD Card with Software AquaC UNO H	EA

Aqua Series Portable RO Parts

Part Number	Part Description	UOM
6367791	Heater Unit 220-240V AquaC UNO H	EA
6367801	Operating Mode Indicator AquaC UNO H	EA
6367811	Cover for Module Pipe AquaC UNO H	EA
6751421	VIV–Gear Pump P2	EA
A14000115ET	Micro-SDHC-card 8GB for AquaC UNO H	EA
E02000162	O-ring Kit for Break Tank AquaC UNO H	EA
E02000163	O-ring Kit for Membrane Unit AquaC UNO H	EA
E03001552ET	Power Cord 15A/125V, 1000 VA Type	EA
E08000299	VIV–Hose Connector 1/4",90°, Softener Portable	EA
E08000309	VIV–Hose Connector 3/8",90°, Softener Portable	EA
E08000494	VIV–Locking Pin Softener Portable	EA
E08000982	VIV–Parker Elbow Connection D=8	EA
F00003547	Option “ECO” *AquaC UNO H	EA
F00006533	Option “Hygiene” – 2x3m / coupling / Sample Port	EA
F00006534	Option “Hygiene” – 2x5m/ coupling/ Sample Port	EA
F00006535	Option “Hygiene” – 2x10m/ coupling/ Sample Port	EA
F40000437	Non-Return Valve VR41 AquaC UNO H	EA
F40011832	VIV-Rage T 4.00A	EA
F40001258	Softener Tanks Porter Advanced	EA
F40001661	VIV–Solenoid valve V10, Option Acoustics	EA
F40003011	ConnecSetAquaUNO/AquaCUNOH Soften Portable	EA
F40004119	Motherboard PCB *AquaC 120V	EA
F40007154	VIV–Control Head Softener Portable	EA
F40007390	VIV–O-ring 28 X2,6 Conn. Softener Portable	EA
F40008385	Membrane AquaC UNO H ab AC 013	EA
F40009025	VIV–Flow Meter FL-F / FL-C	EA
F40010972	Wall Plug Transformer 100-240V, 50/60Hz; 15W	EA
F40011832	VIV–Fuse T 4.00A	EA
F40012673	Power Cable AquaC UNO H AWG12	EA
F40012675	Vane Pump P1 AquaC UNO H (60Hz) w. lubricating Ring	EA
G03000656INT	Version "Hygiene" ring main 2x3m	EA
G03002225ET	Modulboden AquaC UNO H	EA
G03040178	Softener Interlock Relais Retrofit Kit	EA
G04000600ET	Solenoid Valv (Opt Pressure SwitchAquaC UNO H)	EA
G04000600FET	Solenoid Valve *Option pressure switch	EA
G04000871	Power Cable AquaC UNO H AWG12	EA
G04000951-UL	Pump Unit AquaC UNO H, 120V 60Hz	EA
G04001151ET	VIV–Power supply connection cables	EA
G04040287	Mounting Kit Display AquaC UNO H	EA
G06000486	VIV–Housing, Gray Water Softener Portable	EA
G06000566	VIV–Tank Pedestal Softener Portable	EA

Aqua Series Portable RO Parts

Part Number	Part Description	UOM
M05000266ET	Pressure switch (option pressure switch)	EA
M11000399	PowerCordUS-NEMA,HospitalGradeAquaCUNOH	EA
M11002351	Potential Equalization Cable 4m/4mm2	EA
M12004905	Stand-Off AquaUNO Porter - POM	EA
M12008481	VIV–Slide	EA
M12009114	VIV–Cap for Disinfect Connection AquaC Uno H	EA
M12009597	Servo Valve V11 (Option Acoustics)	EA
M13000017	Fuse Kit AquaC Uno H	EA
M13000018	Fuse Kit AquaC Uno H	EA
M14000138	Power Supply 24V DC AquaC USA	EA
M14000145ET	VIV–Heater 120-240V; 460-1850W, Isolated	EA
M14000c147	VIV–TerminalPowerSupply, 3 pol.,20A / 300VAC	EA
M14000200ET	VIV–Heater 120V-240V(for 1700VA) UL	EA
M15000183ET	Fuses PCB *AquaC UNO H 100-120V	EA
M15000192ET	Circuit Board Media Interface AquaC UNO H	EA
M15000195ET	Media Interface PCB *AquaC UNO H	EA
M357881	VIV–Check Valve	EA
M368111	Gear Pump Drive *Aqua C UNO H	EA
M403101	VIV–Float Switch	EA
M504641	VIV–O-ring EPDM 10X1,5 AquaC UNO H	EA
M507691	VIV–O-ring EPDM 28X4 AquaC UNO H	EA
M507701	VIV–O-ring EPDM 75X3 AquaC UNO H	EA
M507721	VIV–O-ring EPDM 2X2 AquaC UNO H	EA
M507731	VIV–O-ring EPDM 4X2 AquaC UNO H	EA
M507741	VIV–O-ring EPDM 6X2 AquaC UNO H	EA
M530781	Regeneration Salt Block - 2x 4kg	EA
M563381	Option Pressure Switch AquaC UNO H, retrofit kit	EA
P04002907	Capacitor 28µF/450V	EA
P04002907ET	VIV–Capacitor 28µF/450V	EA
P05000149	VIV–Solenoid Valve 24V DC/DN7/0,2 - 10 bar	EA
P06000050	Mains Filter AquaC -	EA
P07000656ET	Motor AquaC UNO H-120V/60Hz (IncCapacitor)	EA

Aqua Series Parts for Both Central & Portable RO

Part Number	Part Description	UOM
6311011	VIV–O-ring EPDM 4x4	EA
6311271	VIV–Pressure Gauge 6 Bar R1/4"	EA
6311351	VIV–Hose Clip 15/9 Stainless	EA
6313271	VIV–Fuse T 3.15A	EA
6313441	VIV–Tubing Fabric Reinforced D19X4	EA
6319661	VIV–E02000009	EA
6319671	VIV–O-ring EPDM 6x1,5	EA
6319681	VIV–O-ring EPDM 6x3	EA
6319691	VIV–O-ring EPDM 10x3	EA
6319711	VIV–O-ring EPDM 19x3	EA
6319721	VIV–O-ring EPDM D20X3 FOR PRESSURE	EA
6319731	VIV–O-ring EPDM 23x2	EA
6319771	VIV–O-ring EPDM 30x2	EA
6323451	Filter Bowl with O-ring for 20" Filter	EA
6327571	VIV–O-ring EPDM 84X3	EA
6327581	VIV–O-ring EPDM 12x2	EA
6327591	VIV–O-ring EPDM 9x3	EA
6340591	VIV–Flat Socket Insulated 6,3x0,8	EA
6341141	VIV–O-ring EPDM 19x4	EA
6341261	VIV–Press. Holding Valve	EA
6341781	Leakage Sensor with Cable	EA
6342151	O-ring Kit Membrane Module TYP A*AquaXXX	EA
6342521	Key for Filter Housing Avpp10/20" fwt	EA
6345801	Connection Cable 10*0.14 Shielded	EA
6348871	VIV–O-ring EPDM 30x3	EA
6348881	VIV–O-ring 27x4 EPDM	EA
6348921	VIV–Patch Cable 0.5m CAT7 *Aqua A *MFT	EA
6349701	Filter Cartridge 05-20 bb	EA
6350971	VIV–Flat Seal d23x12x3 EPDM	EA
6361061	VIV–O-ring EPDM 40x3	EA
6361071	VIV–O-ring EPDM 60x3	EA
6361091	VIV-Flat seal 39,5 x 30mm green t= 2mm	EA
6361151	O-ring for Big Blue	EA
6361161	Key for Filter Housing Big Blue 20"	EA
6361191	O-ring 4x1 EPDM	EA
6363001	VIV–Clamp STTB 2,5	EA
6363741	Display AquaB*plus* / AquaC UNO H	EA
6364251	Filter Housing Small Upper Part	EA

Aqua Series Parts for Both Central & Portable RO

Part Number	Part Description	UOM
6364981	Option “Quality Control,” Permeate Unit w.	EA
6366371	Clamp Massiv 1" VA	EA
6367281	VIV–Cover Ethernet Connector	EA
6367551	VIV–O-ring EPDM 127x5	EA
6405501	VIV–Fuse T 315 Ma	EA
F40004106	VIV–Fuse Ceramic 5x20 H5AT	EA
F40004418	VIV–Tubing PA; ø4mm JG	EA
F40005870	VIV–Cable Power supply motherboard	EA
F40006672	JG Cartridge PCM 2808E	EA
F40007038	VIV–Conn. Cable Motherb. Erni 173795	EA
F40010977	VIV–Solenoid Valve Cap V36(s), V46(s)	EA
F40011057	VIV–Spare Parts Kit VR40 RingBase AquaBplus	EA
F40011058	VIV–Spare Parts Kit VR41 RingBase AquaBplus	EA
F40011059	VIV–Spare Parts Kit VR42 RingBase AquaBplus	EA
G01000006	VIV–Pressure Gauge 10 bar R1/4"	EA
M026391	VIV–Hose Clip, Single Ear, 14,5 RER, Product	EA
M11000118	Stranded Wire,10², AWG8,Blk,H07V2-K10	EA
M11008031	VIV–Cable Grommet Nut M25x1.5	EA
M12010705	VIV–Stenose Ø2,3mm	EA
M12040192	VIV–Circlip DIN 472,140-147, Stainless Steel	EA
M12040293	Page Sheet	EA
M12040304	VIV–Spring Washer 1.4571	EA
M13000097	Fuse T 4.00A	EA
M369041	VIV–Temperature Sensor	EA
M465211	VIV–Battery CR 2450N, LITHIUM 3V 540mAh	EA
M507631	VIV–O-ring EPDM 8 X 1,5	EA
M507661	VIV–O-ring EPDM 16X3 AquaC UNO H	EA
M507681	VIV–O-ring EPDM 20X2	EA
M525101	Insulating Mat	EA
P06000055	Line Filter, Two-Stage, 3A	EA
S04000045	VIV–Sample Valve Assembly	EA

Aqua Series RO Tools

Part Number	Part Description	UOM
6303601	Equalization Cable 6mm², Length 4 Meter	EA
6319781	VIV–O-ring EPDM 32x3	EA
6346801	VIV–Disinfection Funnel PP 254 ml	EA
6363601	ModulePipeCapRemovToolAquaBplusAquaCUNOH	EA
6363611	RO–ModuleRemovTool*AquaB*plus**AquaC UNO H	EA
6364711	Adjustable Face Spanner 2mm	EA
6364721	VIV–Adjustable Face Spanner 3mm	EA
6364731	VIV–Circlip Pliers J4	EA
6365021	Service Keyboard AquaC UNO H	EA
6365421	Tube Cutter Small Tool	EA
6365431	Key Set John Guest Tool	EA
6365441	Lifting Device for Module Tool*AquaB*plus*	EA
6365451	External Flow Meter AquaB*plus*	EA
A13000101	VIV–Spare Service Card – Service Software	EA
F00006508	Assembling Tool MediaP	EA
F00006901	Assembling Tool MediaP ElectricalMonitor	EA
G03040252	VIV–Sampling Set PE-Xa, incl. 5x WQS	EA
M06000093	VIV–Flow Meter	EA
M11000326	VIV–Network Patch Cable 0,3m	EA
M439621	VIV–Removal Tool for O-rings	EA
M459401	Measur Cbl Set for Earth Conductor Measurement	EA
M473631	VIV – Complete Set of Service Software	EA
M473651	Update WT Service Software 'FWT	EA
M510861	Sampling Set AquaB*plus*	EA
M525801	Membrane Test Set *AquaA *AquaB*plus*	EA
M525811	Extension Membrane Test Set *AquaB*plus*	EA
M570361	Flow Evaluator for Osmosis Units	EA
W03000038	VIV–Setting Tool	EA
W03000077	Standard Tool Set AquaC UNO H	EA
W03000434	Press & Expander Tool Set REHAU A-light2	EA
W03000517	Widening Pliers	EA

Specialty Water Pre-Treatment Kits

Part Number	Part Description	UOM
24-0500-A	Pre-Treat System RO Size 500 ADV	EA
24-1000-A	Pre-Treat System RO Size 1000 ADV	EA
24-1500-A	Pre-Treat System RO Size 1500 ADV	EA
24-2000-A	Pre-Treat System RO Size 2000 ADV	EA
24-2500-A	Pre-Treat System RO Size 2500 ADV	EA
24-3000-A	Pre-Treat System RO Size 3000 ADV	EA
24-100A-A	Pre-Treat System RO Size 1000-500 ADV	EA
24-150A-A	Pre-Treat System RO Size 1500-1000 ADV	EA
24-200A-A	Pre-Treat System RO Size 2000-1500 ADV	EA
24-250A-A	Pre-Treat System RO Size 2500-2000 ADV	EA
24-300A-A	Pre-Treat System RO Size 3000-2500 ADV	EA
24-0500-B	Pre-Treat System RO Size 500	EA
24-1000-B	Pre-Treat System RO Size 1000	EA
24-1500-B	Pre-Treat System RO Size 1500	EA
24-2000-B	Pre-Treat System RO Size 2000	EA
24-2500-B	Pre-Treat System RO Size 2500	EA
24-3000-B	Pre-Treat System RO Size 3000	EA
24-100B-B	Pre-Treat System RO Size 1000-500	EA
24-150B-B	Pre-Treat System RO Size 1500-1000	EA
24-200B-B	Pre-Treat System RO Size 2000-1500	EA
24-250B-B	Pre-Treat System RO Size 2500-2000	EA
24-300B-B	Pre-Treat System RO Size 3000-2500	EA
24-TANK-R	CDS w/ Tank (250 GAL) Red Pedestal	EA
24-TANK-Y	CDS w/ Tank (250 GAL) Yellow Pedestal	EA
24-OFF0-A	Leak Detect Shutoff System	EA
24-5062-A	1 1/2" Multi-Cartrig, HOLDS 5, 30"□	EA
24-5062-D	1 1/2" Multi-Cartrig, HOLDS 5, 30"□, DIG	EA
24-5063-A	1 1/2" Multi-Cartrig, HOLDS 5, 40"□	EA
24-5063-D	1 1/2" Multi-Cartrig, HOLDS 5, 40"□, DIG	EA
24-5090-H	1 1/2" 3 Valve Bypass Asbly	EA
24-5090-D	1 1/2" 3 Valve Bypass Asbly, Digital	EA
24-5725-A	Hurricane Filter Asbly – 20"	EA
24-5725-D	Hurricane Filter Asbly – 20" – DIG	EA
24-VIV1-B	Beige Wallbox – 1 BI, 1 Acid	EA
24-VIV2-B	Beige Wallbox – 1 BI, 2 Acid	EA
24-VIV4-D	Beige Wallbox – Tech, 2 BI, 2 Acid	EA
24-VNB1-B	Beige Wallbox – 0 BI, 1 Acid	EA
24-VNB2-B	Beige Wallbox – 0 BI, 2 Acid	EA
24-VPO4-B	Beige Wallbox – Tech, 0 BI, 4 Acid	EA
24-VIV1-A	VIV Install Job Box	EA
24-VIV4-A	VIV Install Job Box 2	EA

Specialty Water Pre-Treatment Parts

Part Number	Part Description	UOM
24-2A64-A	Org Scav, (7 CF), 21 X 62, 5 GPM DLFC	EA
24-2A64-B	Org Scav, (7 CF), 21 X 62, 5 GPM DLFC	EA
24-2Q65-A	Org Scav, (10 CF), 24 X 72, 6 GPM DLF	EA
24-2Q65-B	Org Scav, (10 CF), 24 X 72, 6 GPM DLF	EA
24-3B64-A	De-Alk, (7 CF) 21" X 62" 20DLFC	EA
24-3B64-B	De-Alk, (7 CF) 21" X 62" 20DLFC	EA
24-3E65-A	De-Alk, (10 CF), 24" X 72", 12 DLFC	EA
24-3E65-B	De-Alk, (10 CF), 24" X 72", 12 DLFC	EA
24-3G66-A	De-Alk, (15 CF), 30" X 72", 20 DLFC	EA
24-3G66-B	De-Alk, (15 CF), 30" X 72", 20 DLFC	EA
24-5E64-A	Softener () (7 CF), 21 X 62, 12 DLFC	EA
24-5E64-B	Softener () (7 CF), 21 X 62, 12 DLFC	EA
24-5F65-A	Softener (10 CF), 24 X 72, 15 DLFC	EA
24-5F65-B	Softener (10 CF), 24 X 72, 15 DLFC	EA
24-5H66-A	Softener (15 CF), 30 X 72, 25 DLFC	EA
24-5H66-B	Softener (15 CF), 30 X 72, 25 DLFC	EA
24-5I67-A	Softener (21 CF), 36 X 72, 30 DLFC	EA
24-5I67-B	Softener (21 CF), 36 X 72, 30 DLFC	EA
24-0125-A	Blend Valve Asbly	EA
24-0125-D	Blend Valve Asbly – Digital	EA
24-0360-B	Blue 5/8" OD X 1/2" ID PE Tub, 500FT	FT
24-0360-R	Red 5/8" OD X 1/2" ID PE Tub, 500 FT	FT
24-0360-Y	Yellow 5/8" OD X 1/2" ID PE Tub, 500FT	FT

ISOPURE Pre-Treatment Kits

Part Number	Part Description	UOM
24-050D-A	Adv. Pre-Treat for 1000/500 AquaB*plus*	EA
24-100D-A	Adv. Pre-Treat for 1500/1000 AquaB*plus*	EA
24-150D-A	Adv. Pre-Treat for 2000/1500 AquaB*plus*	EA
24-200D-A	Adv. Pre-Treat for 2500/2000 AquaB*plus*	EA
24-250D-A	Adv. Pre-Treat for 3000/2500 AquaB*plus*	EA
24-050D-B	Base Pre-Treat for 1000/500 AquaB*plus*	EA
24-100D-B	Base Pre-Treat for 1500/1000 AquaB*plus*	EA
24-150D-B	Base Pre-Treat for 2000/1500 AquaB*plus*	EA
24-200D-B	Base Pre-Treat for 2500/2000 AquaB*plus*	EA
24-250D-B	Base Pre-Treat for 3000/2500 AquaB*plus*	EA

ISOPURE Pre-Treatment Parts

Part Number	Part Description	UOM
24-1665-A	120K Grain Softener w/ Bypass – Adv.	EA
24-2162-A	180K Grain Softener w/ Bypass – Adv.	EA
24-2472-A	300K Grain Softener w/ Bypass – Adv.	EA
24-3072-A	450K Grain Softener w/ Bypass – Adv.	EA
24-247D-A	10 cu. ft. Dealkalizer w/ Bypass – Adv.	EA
24-216D-A	6 cu. ft. Organic Scavenger w/ Bypass – Adv	EA
24-247S-A	8 cu. ft. Organic Scavenger w/ Bypass – Adv	EA
24-90HP-A	Pre-Treat Hurricane Filter - Adv.	EA
24-305P-A	30” Pre-Treat Cartridge Filter – Adv.	EA
24-1499-A	Process Blend Valve w/ Auto CWB	EA
24-305P-B	30” Pre-Treat Cartridge Filter – Base	EA
24-90HP-B	Pre-Treat Hurricane Filter- Base	EA
24-1665-B	120K Grain Softener w/ Bypass – Base	EA
24-2162-B	180K Grain Softener w/ Bypass – Base	EA
24-2472-B	300K Grain Softener w/ Bypass – Base	EA
24-3072-B	450K Grain Softener w/ Bypass – Base	EA
24-247D-B	10 cu ft DEAlkalizer w/ Bypass – Base	EA
24-216S-B	6 cu ft Organic Scavenger w/ Bypass – Base	EA
24-247S-B	8 cu ft Organic Scavenger w/ Bypass – Base	EA
24-8000-A	AquaB Kit–Separate Power Kit	EA
24-8013-A	AquaB Kit–Include Basins and Hardware	EA
24-8012-A	AquaB Kit–Power Distribution Panel	EA
24-262S-A	Single Distributed Acid Concentrate Kit	EA
24-262D-A	Dual Distributed Acid Concentrate Kit	EA
24-262T-A	Triple Distributed Acid Concentrate Kit	EA
24-0081-A	1 Wall Box: 1 Bicarb, 2 Acid, 1 Drain	EA
24-0083-A	1 Wall Box: 2 Acid, 1 Drain	EA
24-0080-A	Tech Station: 2 Bicarb, 2 Acid, 2 Drain	EA
24-0084-A	Tech Station: 2 Acid, 2 Drain	EA
24-0049-A	Tech Station: 4 Acid , 4 Drain	EA
24-0007-A	5/8" Red Acid Distribution Line	FT
24-0006-A	5/8" Yellow Acid Distribution Line	FT
24-0012-A	5/8" Black Acid Distribution Line	FT
24-0008-A	5/8" Blue Bicarb Distribution Line	FT
24-050S-A	Adv. Pre-Treat for 500 AquaB*plus*	EA
24-100S-A	Adv. Pre-Treat for 1000 AquaB*plus*	EA
24-150S-A	Adv. Pre-Treat for 1500 AquaB*plus*	EA
24-200S-A	Adv. Pre-Treat for 2000 AquaB*plus*	EA
24-250S-A	Adv. Pre-Treat for 2500 AquaB*plus*	EA
24-300S-A	Adv. Pre-Treat for 3000 AquaB*plus*	EA

ISOPURE Pre-Treatment Parts

Part Number	Part Description	UOM
24-050S-B	Base Pre-Treat for 500 AquaB*plus*	EA
24-100S-B	Base Pre-Treat for 1000 AquaB*plus*	EA
24-150S-B	Base Pre-Treat for 1500 AquaB*plus*	EA
24-200S-B	Base Pre-Treat for 2000 AquaB*plus*	EA
24-250S-B	Base Pre-Treat for 2500 AquaB*plus*	EA
24-300S-B	Base Pre-Treat for 3000 AquaB*plus*	EA
24-2949-A	1-1/2" Single Auxillary Bypass Assembly	EA

RO AND PRE-TREATMENT KITS and PARTS TERMS OF SALES

Ordering:

RO Kits, AquaC Uno H and Pre-Treatment Kits: Contact your local sales manager.
RO and Pre-Treatment Parts: Contact Customer Service via phone: 1-800-227-2572 and press 3 for spare parts ordering or fax/email to: walnutcreek.partsorders@fmc-na.com

Section 1.0 Warranty Length

1.1 The warranty period for Aqua RO Systems (other than parts) shipped by FUSA without any installation by FUSA is twelve (12) months. The warranty period for Aqua RO Systems (other than parts) installed at a PURCHASER site by FUSA is the lesser of twelve (12) months from the date of installation or fifteen (15) months from the date of shipment. The warranty period for parts is ninety (90) days from the date of shipment or, if installed by FUSA, the lesser of ninety (90) days from the date of installation or one hundred eighty (180) days from the date of shipment. Service is warranted for ninety (90) days from performance of service.

1.2 PURCHASER will be responsible for reimbursement of FUSA's reasonable travel and other expenses incurred in providing on-site warranty and out of warranty services for Aqua RO Systems PRODUCTS.

Section 2.0 Training

For Aqua RO Systems Aqua C Uno H:

2.1 System technician training is provided prior to installation at an FMC training site, or on-site if there are six (6) or more attendees. System technician training is three (3) days in length and costs $800.00 per attendee if at a training center or $2,500.00 per class plus travel expenses if performed on-site. Three (3) Year Update Training at training center is $350.00 per attendee or $1000.00 per class plus travel if performed on site. Operator training is to be provided at the time of installation and at no charge.

OR for Aqua RO Systems AquaB*plus*/AquaB*plus* B2:

2.1 System technician training is provided prior to installation at an FMC training site, or on-site if there are six (6) or more attendees. System technician training is three days in length and costs $1,000.00 per attendee if at an FMC selected training site, or $3,000.00 per class plus travel expenses if performed on-site. Three (3) Year Update Training at training center is $350.00 per attendee or $1000.00 per class plus travel if performed on site. Operator training to be provided at the time of installation by a trained system technician.

Section 3.0 Installation

3.1 Layout Approval: Prior to acceptance of a system installation proposal, a proposed room layout will be provided to PURCHASER, provided that PURCHASER has provided a scaled drawing of its water room to FUSA. Upon agreement of such layout by both FUSA and PURCHASER (and fulfillment of any other pre-contract requirements), the purchase order will be accepted. If PURCHASER's specified space is modified in any way without FUSA's approval prior to installation of the system, an additional charge may be assessed against PURCHASER.

3.2 Unless specifically stated herein, station boxes provided by FUSA exclude installation and connection to the drain line or the water, bicarb, or concentrate distribution loops. These connections are the responsibility of PURCHASER. Quotations do not include seismic restraints. If seismic restraints are required, an additional charge will be assessed against PURCHASER.

3.3 Buyer is responsible for the disposal of any refuse generated during the system installation.

3.4 Buyer agrees to provide site parking for FUSA installation vehicles.

Section 4.0 Interruption/Delay; In-Service/Training

4.1 Unless otherwise agreed to by the parties, installation will proceed during a single visit by FUSA personnel. If PURCHASER's work site is not ready for installation at the designated time upon arrival of FUSA's installer(s), a job site readiness charge will be assessed against PURCHASER. If the installer(s) have to leave PURCHASER's work site due to the site not being ready or the installation is interrupted (beyond the control of FUSA) and results in subsequent visits to PURCHASER's work site for job completion, an additional charge of $3,000 will be assessed against PURCHASER. If FUSA's installer(s) are not permitted to start-up and test the system immediately upon installation and, in lieu thereof, PURCHASER or its designee starts-up and tests the system, then FUSA will have no responsibility for any issues that would have been resolved if FUSA had been permitted to start-up and test the system upon installation. A purchase order will be required for a return trip should PURCHASER require FUSA to return to perform the start-up and testing. At the conclusion of installation, FUSA will perform an "in-service" or training at PURCHASER's site to explain the operation and function of the

system. Unless other arrangements are made in advance, the in service/training will be performed immediately following the completion of installation. Should PURCHASER not be prepared for the in-service at that time and request a return visit, an additional charge may be assessed against PURCHASER.

Section 5.0 Local Regulations and Associated Fees

5.1 If local building codes or regulations (e.g., electrical, plumbing) dictate a change in equipment or installation method (as per PURCHASER's quotation), an appropriate change in price will occur. Any such additional pricing will be PURCHASER's responsibility. If FUSA is required for any reason to use local union personnel of any trade, hiring and payment for the required union personnel will be the sole responsibility of, and handled by, PURCHASER. It will not be FUSA's responsibility to pay salary, benefits, or other compensation of any kind to the union.

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