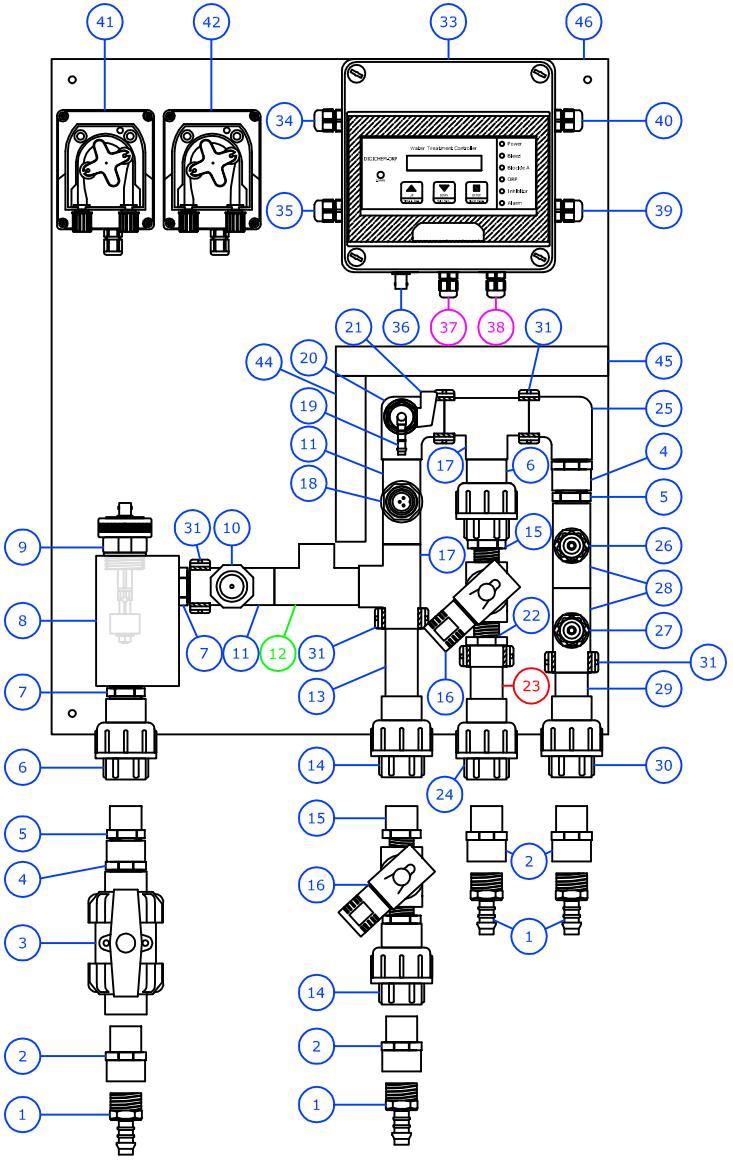

DRAWING REFERENCE	LIBRARY REFERENCE	DESCRIPTION
1	M67	Hosetail 12mm x 3/4"
2	M2	Adaptor Female 20mm x 3/4" (Supplied loose)
3	M145	Manifold Inlet - True Union Ball Valve 20mm
4	M2	Adaptor Female 20mm x 3/4"
5	M6 / M37	Adaptor Male 20mm x 3/4" customised to fit Internal Check Valve
6	M12	Barrel Union 20mm
7	M6	Adaptor Male 20mm x 3/4"
8	M151	Acryllic Block to hold EMEC Flow Switch
9	M150	Flow Switch - PVC float style without BNC
10	M88	Ground Probe 3/4"
11	M130	Tee 20mm x 3/4"
12	M129	Tee 20mm x 1/2" - Glued at 45° for mounting ORP Probe
13		Clear Pipe 20mm - Cut to 90mm
14	M12	Brominator Outlet - Barrel Union 20mm
15	M5	Adaptor Male 20mm x 1/2""
16	M119	PRO-MATIC or SMC Solenoid Valve 1/2"
17	M128	Tee 20mm
18	M87	Conductivity Probe - Carbon 3/4"
19	M72	Hosetail Elbow 6mm x 1/2"
20	M138	Side Outlet 20mm x 1/2"
21	M74	Mini Ball Valve 1/2" For Sample Point
22	M115	Socket Male 20mm x 1/2"
23		Clear Pipe 20mm - cut to 67mm for PRO-MATIC valve or 82mm for SMC valve
24	M12	Bleed Outlet - Barrel Union 20mm
25	M52	Elbow 90° 20mm
26	M73	Injection Valve - Inhibitor
27	M73	Injection Valve - Biocide A
28	M129	Tee 20mm x 1/2"
29		Clear Pipe 20mm - Cut to 60mm
30	M12	Manifold Outlet - Barrel Union 20mm
31	M82	Pipe Clip 1"
33	K78	DIGICHEM-ORP-XP2 Controller
34	K10	Cable Gland PG9 - Inhibitor
35	K10	Cable Gland PG9 - Biocide A
36	K1	BNC for ORP Probe
37	K75	Cable Gland 12mm - Ground Probe and Flow Switch (Rear), TDS Probe (Front)
38	K75	Cable Gland 12mm - Mains Power 240VAC (Rear), Spare (Front)
39	K10	Cable Gland PG9 - Brominator Solenoid
40	K10	Cable Gland PG9 - Bleed Solenoid
41	K49	Seko Peristaltic Pump 1.3 l/hr - Inhibitor
42	K49	Seko Peristaltic Pump 1.3 l/hr - Biocide A
44		Cable Track 140mm
45		Cable Track 230mm
46		PVC Board 570x470mm 10mm Thick

Note	
1	When cabinet version is ordered, whole system is mounted inside 500 x 600 x 180mm Cabinet which is hinged on the left hand side

Convergent Water Controls

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Ver	Date	Notes	By	Check
1.0	28/11/11	ORIGINAL	LF	LN

Filename: S:\Data Files\Product Files\DIGICHEM-ORP-XP2\Assembly\DIGI-AB2-RX2A-B

Drawn By: LF — Date: 28/11/11

Checked By: LN — Date: 28/11/11

Scale: N/A

DIMENSIONS ARE IN MM DO NOT SCALE

Title: Assembly Diagram

Project / Part Number: DIGI-AB2RX2A-B — Ver: 1.0

Client: CONVERGENT WATER CONTROLS — Drawing No: DRAWING NO