



DRAWING REFERENCE	LIBRARY REFERENCE	DESCRIPTION
1	M67	Hosetail 12mm x 3/4"
2	M2	Manifold Inlet - Adaptor Female 20mm x 3/4"
3	M8	Ball Valve PVC 20mm
4	M128	Tee 20mm
5	M49	Elbow 45° 20mm
6	M52	Elbow 90° 20mm
7		PVC Pipe 20mm - cut to 45mm length
8	M129	Tee 20mm x 1/2"
9	M72	Hosetail Elbow 6mm x 1/2" for Sample Point
10	M74	Mini Ball Valve 1/2" for Sample Point
11	M130	Tee 20mm x 3/4"
12	M87	Conductivity Probe - Carbon 3/4"
13	M6	Adaptor Male 20mm x 3/4" - Shortened to fit In Check Valve
14	M40	Check Valve Brass - Valstop 3/4"
15	M12	Barrel Union 20mm
16	M1	Adaptor Female 20mm x 1/2"
17	M56	PED4 Electrode Holder for pH, ORP, Ground Probe and Flow Switch
18	M2	Adaptor Female 20mm x 3/4"
19	M84	Plug Male 3/4"
20	M5	Adaptor Male 20mm x 1/2"
21	M119	SMC Solenoid Valve 1/2"
22	M115	Socket Male 20mm x 1/2"
23		Clear Pipe 20mm - cut to 67mm
24	M112	Bleed Outlet - Socket Female 20mm x 3/4"
25	M6 / M37	Adaptor Male 20mm x 3/4" customised to fit Internal Check Valve
26	M73	Injection Valve - Inhibitor
27	M73	Injection Valve - Biocide A
28	M73	Injection Valve - Chlorine
29	M73	Injection Valve - Bromine
30	M6	Adaptor Male 20mm x 3/4"
31	M2	Manifold Outlet - Adaptor Female 20mm x 3/4"
32	K17	Digichem Plus+ Controller
33	K38	GPO 240VAC for Pump INH - Inhibitor and Pump A - Biocide
34	K38	GPO 240VAC for Pump ORP Chlorine and Bromine
35	K38	GPO 240VAC for Pump DIS-Dispersant and Pump pH-Add
36	K49	Seko Peristaltic Pump 1.3 l/hr - Inhibitor
37	K49	Seko Peristaltic Pump 1.3 l/hr - Biocide A
38	K49	Seko Peristaltic Pump 1.3 l/hr - Chlorine
39	K49	Seko Peristaltic Pump 0.4 l/hr - Bromine
40	K1	BNC for ORP Probe
41	K1	BNC for pH Probe
42	K1	BNC for Flow Switch
43	K3	Cabinet 600x500x180
44	K4	Cabinet Mounting Plate
45		Cabinet Mounting Bracket
46		PVC Board 600x345mm - 10mm thick
47	M82	Pipe Clip 1"
48		Conduit 20mm - cut to 30mm Into 20x25mm reducing bush
49		Conduit 25mm - cut to 62mm
50		Conduit 25mm - cut to 40mm

NOTES

1	For more detail of Cable Glands under Digichem Plus refer to "Controller Base Template"
2	Chlorine and Bromine Injection valves (DWG REF 28 & 29) omitted from manifold if optional mixing chamber is ordered with system



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Ver	Date	Notes	By	Check
1.0	17/03/08	ORIGINAL	LF	LN

Filename	WFILENAME
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Drawn By	LF	Date	17/03/08
Checked By	LN	Date	17/03/08
Scale	N/A		
DIMENSIONS ARE IN MM DO NOT SCALE			

Title		Assembly Diagram	
Project / Part Number		DP-CAPH-RXPP-CAB	
Client		CONVERGENT WATER CONTROLS	
Drawing No		DRAWING NO	
Ver		1.0	