



NOTES	
1	For more detail of Cable Glands under Digichem Plus refer to "Controller Base Template"

DRAWING REFERENCE	LIBRARY REFERENCE	DESCRIPTION
1	M145	True Union Ball Valve 20mm - Manifold Inlet
2	M87	Conductivity Probe - Carbon 3/4"
3	M130	Tee 20mm x 3/4"
4	M6	Adaptor Male 20mm x 3/4"
5	M151	Clear Block to hold EMEC flow switch
6	M150	Flow Switch - PVC float style with BNC
7	M52	Elbow 20mm
8	M12	Barrel Union 20mm
9		PVC Pipe 20mm - cut to 80mm
10	M129	Tee 20mm x 1/2" - mounted at 45° angle to mount pH Probe (Tee is plugged with 1/2" Male Plug if no pH is required)
11	M129	Tee 20mm x 1/2" - mounted at 45° angle to mount ORP Probe
13	M156	Moulded Cross 20mm
14	M1	Adaptor Female 20mm x 1/2"
15	M155	Ball Valve Male 1/2" x 1/2" - Sample Point
16		Clear Pipe 20mm - cut to 67mm
17	M5	Adaptor Male 20mm x 1/2"
18	M119	Solenoid Valve 1/2"
19	M12	Barrel Union 20mm - To Brominator
20	M88	Ground Probe 3/4"
21	M2	Adaptor Female 20mm x 3/4"
22	M37/M6	Check Valve Inserted Inside Adaptor Male 20mm x 3/4"
23	M138	Side Outlet 20mm x 1/2"
24	M129	Tee 20mm x 1/2"
25	M83	Male Plug 1/2"
26	M73	Injection Valve - Inhibitor
27	M73	Injection Valve - Biocide A
28	M12	Barrel Union 20mm - Manifold Outlet
29	M128	Tee 20mm
30	M115	Socket Male 20mm x 1/2"
31		PVC Pipe 20mm - cut to 50mm
32		PVC Pipe 20mm - cut to 190mm
33	M45	Coupling 20mm
34	M12	Barrel Union 20mm - Manifold Bleed
35	M67	Hosetail 12mm x 3/4"
36	M82	Pipe Clip 1"
37		PVC Board 600x345mm - 10mm thick
38	K17	Digichem Plus+ Controller
39	K1	BNC for ORP Probe
40	K1	BNC for pH Probe - BNC Short connected to BNC and wired into Ground Terminal If pH probe not required as per DP-CA-RXB-CAB
41	K1	BNC for Flow Switch
42	K49	Seko Peristaltic Pump 1.3 l/hr - Inhibitor
43	K49	Seko Peristaltic Pump 1.3 l/hr - Biocide A
	K38	GPO 240VAC for Pump DIS - Dispersant and Pump pH - Acid
	K38	GPO 240VAC for Pump INH - Inhibitor and Pump A - Biocide
44		Conduit 20mm - cut to 30mm into 20x25mm reducing bush
45		Conduit 25mm - cut to 72mm
46	K3	Cabinet 600x500x180mm
47	K4	Cabinet Mounting Plate
48		Cabinet Mounting Bracket



Convergent Water Controls

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Ver	Date	Notes	By	Check
3.1	10/1/13	Probes changed to M10	LF	LN
3.0	23/2/11	New Manifold	LF	LN
2.0	18/11/10	Vertical Orientation of Cabinet	LF	LN
1.0	14/12/07	ORIGINAL	LF	LN

Filename
S:\Data Files\Product Files\DIGICHEM Plus+ \Assembly\DP-CAH-RXB-CAB

Drawn By
LF

Date
14/12/07

Checked By
LN

Date
14/12/07

Scale
N/A

DIMENSIONS ARE IN MM
DO NOT SCALE

Title
Assembly Diagram

Project / Part Number
DP-CAPH-RXB-CAB, DP-CA-RXB-CAB

Client
CONVERGENT WATER CONTROLS

Drawing No
DRAWING NO

Ver
3.1