



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	M128	Tee 20mm
14	M1	Adaptor Female 20mm x 1/2"
15	M155	Ball Valve Male 1/2" x 1/2" - Sample Point
16	M88	Ground Probe 3/4"
17	M2	Adaptor Female 20mm x 3/4"
18	M37/M6	Check Valve inserted inside Adaptor Male 20mm x 3/4"
19	M138	Slide Outlet 20mm x 1/2"
20	M129	Tee 20mm x 1/2"
21	M73	Injection Valve - Inhibitor
22	M73	Injection Valve - Biocide A
23	M73	Injection Valve - Chlorine, replaced with 1/2" Male Plug if optional mixing chamber is ordered with system (Injection valve fitted in mixing chamber)
24	M73	Injection Valve - Bromine, omitted if optional mixing chamber is ordered with system (Injection valve fitted in mixing chamber)
25	M12	Barrel Union 20mm - Manifold Outlet
26		PVC Pipe 20mm - cut to 38mm, omitted if optional mixing chamber is ordered with system
27	M5	Adaptor Male 20mm x 1/2"
28	M119	Solenoid Valve 1/2"
29	M115	Socket Male 20mm x 1/2"
30		PVC Pipe 20mm - cut to 50mm
31		PVC Pipe 20mm - cut to 190mm
32	M45	Coupling 20mm
33		Clear Pipe 20mm - cut to 67mm
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-RXP-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
44	K49	Seko Peristaltic Pump 1.3 l/hr - Chlorine
45	K49	Seko Peristaltic Pump 0.4 l/hr - Bromine
46	K38	GPO 240VAC for Pump ORP - Chlorine and Bromine
47	K38	GPO 240VAC for Pump DIS - Dispersant and Pump pH - Acid
48	K38	GPO 240VAC for Pump INH - Inhibitor and Pump A - Biocide
49		Conduit 20mm - cut to 30mm into 20x25mm reducing bush
50	K37	Conduit Adaptor 25mm - joined with 25mm conduit cut to 35mm
51		Conduit 25mm - cut to 72mm
52	K3	Cabinet 600x500x180
53	K4	Cabinet Mounting Plate
54		Cabinet Mounting Bracket



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Ver	Date	Notes	By	Check
3.1	10/1/13	Probes changed to M10	LF	LN
3.0	3/6/11	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-CA-PH-RXP-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-CA-PH-RXP-CAB, DP-CA-RXP-CAB

Client
CONVERGENT WATER CONTROLS

Drawing No
DRAWING NO

Ver
3.1