


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	Side Outlet 20mm x 1/2" - Injection port for Inhibitor
20	M129	Tee 20mm x 1/2" - Injection port for Biocide A
21	M129	Tee 20mm x 1/2" - Injection port for pH
22	M12	Barrel Union 20mm - Manifold Outlet
23		PVC Pipe 20mm - cut to 38mm - supplied loose, omitted if additional Injection points are not required
24	M129	Tee 20mm x 1/2" - Injection port for Chlorine - supplied loose, omitted if injection point not required
25	M129	Tee 20mm x 1/2" - Injection port for Bromine - supplied loose, omitted if injection point not required
26	M129	Tee 20mm x 1/2" - Injection port for Dispersant - supplied loose, omitted if injection point not required
27	M5	Adaptor Male 20mm x 1/2"
28	M119	Solenoid Valve 1/2"
29	M115	Socket Male 20mm x 1/2"
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
41	K1	BNC for Flow Switch
42	K38	GPO 240VAC for Pump DIS - Dispersant and Pump pH - Acid
43	K38	GPO 240VAC for Pump INH - Inhibitor and Pump A - Biocide
44	K38	GPO 240VAC for Pump ORP - Chlorine and Bromine
45		Conduit 20mm - cut to 30mm Into 20x25mm reducing bush
46		Conduit 25mm - cut to 62mm
47		Conduit 25mm - cut to 40mm

NOTES	
1	For more detail of Cable Glands under Digichem Plus refer to "Controller Base Template"
3	Chlorine and Bromine Injection ports (DWG REF 24 & 25) omitted from manifold if optional mixing chamber is ordered with system

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						Checked By LN	Date 16/11/07	Project / Part Number DP-DCAPH-RXP-X/6S-CAB	
						Scale N/A		Client CONVERGENT WATER CONTROLS	
						DIMENSIONS ARE IN MM DO NOT SCALE		Drawing No DRAWING NO	
								Ver 3.1	
	3.1	10/1/13	Probes changed to M10	LF	LN				
	3.0	1/4/11	New Manifold	LF	LN				
	1.0	16/11/07	ORIGINAL	LF	LN				
	Ver	Date	Notes	By	Check				