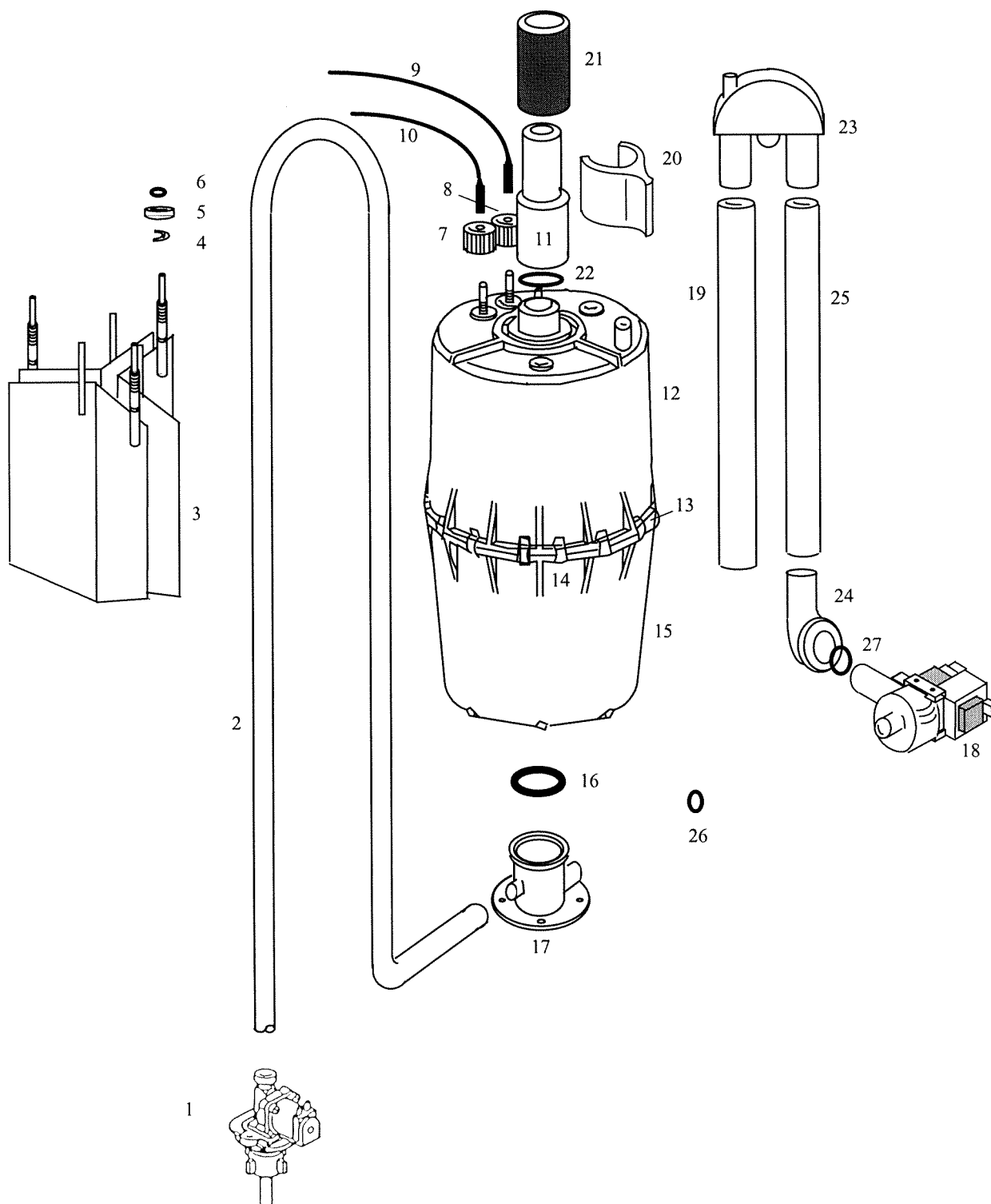


5.1 Exploded View Illustration



*	HY1	HY2	HY3	HY4	HY5	HY6	HY7	Articel No.	Description
									Cabinet
	1							B-3120107	Cabinet HY1, L-, EM-, MP-electronic, stainless steel
		1						B-2120207	Cabinet HY2, L-, EM-, MP-electronic, stainless steel
			1					B-2120307	Cabinet HY3, L-, EM-, MP-electronic, stainless steel
				1				B-2120407	Cabinet HY4, L-, EM-, MP-electronic, stainless steel
					1			B-2120507	Cabinet HY5, L-, EM-, MP-electronic, stainless steel
						1		B-2120607	Cabinet HY6, EM-, MP-electronic, stainless steel
							1	B-2120707	Cabinet HY7, EM-, MP-electronic, stainless steel
									Steam generation
	1							B-3204031	Steam cylinder CY8 compl. with electrodes and hand nuts
		1						B-2204101	Steam cylinder CY17 DN 25 compl. with electrodes and hand nuts
			1					B-2204111	Steam cylinder CY17 DN 40 compl. with electrodes and hand nuts
				1		2		B-2204105	Steam cylinder CY30 compl. with electrodes and hand nuts
					1		2	B-2204109	Steam cylinder CY45 compl. with electrodes and hand nuts
12	1							E-3226005	Top part of steam cylinder CY8 DN 25/12, leer
12		1						E-2206068	Top part of steam cylinder CY17 DN 25/12, leer
12			1					E-2206082	Top part of steam cylinder CY17 DN 40/12, leer
12				1		2		E-2206069	Top part of steam cylinder CY30 DN 40/12, leer
12					1		2	E-2207001	Top part of steam cylinder CY45 2 x DN 40/12, leer
15	1							B-3216007	Lower part of steam cylinder compl. with strainer
15		1	1					B-2206046	Lower part of steam cylinder compl. with strainer
15				1		2		B-2206071	Lower part of steam cylinder compl. with strainer
15					1		2	B-2207002	Lower part of steam cylinder compl. with strainer
	1							B-3204025	Top part of steam cylinder CY8, compl. with electrodes + hand nuts
		1						B-2204095	Top part of steam cylinder CY17 DN25, compl. with electr. + hand nuts
			1					B-2204097	Top part of steam cylinder CY17 DN40, compl. with electr. + hand nuts
				1		2		B-2204099	Top part of steam cylinder CY30, compl. with electrodes + hand nuts
					1		2	B-2204079	Top part of steam cylinder CY45, compl. with electrodes + hand nuts
13	1							E-3216010	O-ring seal for cylinder flange, transparent cylinder
13		1	1					E-2206050	O-ring seal for cylinder flange, transparent cylinder
13				1		2		E-2206051	O-ring seal for cylinder flange, transparent cylinder
13					1		2	E-2207011	O-ring seal for cylinder flange, transparent cylinder
16	1							E-3216011	O-ring seal for cylinder base
16		1	1	1	1	2	2	E-2204022	O-ring seal for cylinder base
3	1							B-3204021	Elektrodes, incl. pos. 4-6 without hand nuts, set=3pc. for CY8
3		1						B-2204087	Electrodes, incl. pos. 4-6 without hand nuts, set=3pc. for CY17
3			1	1		2		B-2204089	Electrodes, incl. pos. 4-6 without hand nuts, set=6pc. for CY17/CY30 DN40
3					1		2	B-2204091	Electrodes, incl. pos. 4-6 without hand nuts, set=6pc. for CY45 DN40
	1							B-3204029	Sensor electrode compl. without hand nuts
		1	1	1	1	2	2	B-2204073	Sensor electrode compl. without hand nuts
7	1							E-3204014	Hand nut for electrode fastening, M6x75, colour: red
7	1							E-3204016	Hand nut for electrode fastening, M6x75, colour: black
7	1							E-3204018	Hand nut for electrode fastening, M6x75, colour: grew
7		1	2	2		4		E-2204068	Hand nut for electrode fastening, M8x75, colour: red
7		1	2	2		4		E-2204070	Hand nut for electrode fastening, M8x75, colour: black
7		1	2	2		4		E-2204072	Hand nut for electrode fastening, M8x75, colour: grew
7					2		4	E-2204074	Hand nut for electrode fastening, M10x75, colour: red
7					2		4	E-2204076	Hand nut for electrode fastening, M10x75, colour: black
7					2		4	E-2204078	Hand nut for electrode fastening, M10x75, colour: grew
7	1	1	1	1	1	2	2	E-3204018	Hand nut for sensorelectrode fastening, M6x75, colour: grew
5	3							E-3204010	Retainer for O-ring, electrode
5		3	6	6		12		E-2204062	Retainer for O-ring, electrode
5					6		12	E-2204064	Retainer for O-ring, electrode

* see diagram 5.1

*	HY1	HY2	HY3	HY4	HY5	HY6	HY7	Artikel Nr.	Description
4	3							E-3204022	Safety washer RA5.0, for electrodes
4		3	6	6		12		E-2204086	Safety washer RA6.0, for electrodes
4					6		12	E-2204088	Safety washer RA8.0, for electrodes
6	3							E-3216018	O-ring electrode, 5mm
6		3	6	6		6		E-2204020	O-ring electrode, 8mm
6					6		12	E-2207012	O-ring electrode, 10mm
	1	1	1	1	1	2	2	E-3204010	Retainer for O-ring, for sensorelectrode
	1	1	1	1	1	2	2	E-3204022	Safety washer RA5.0, for sensorelectrodes
	1	1	1	1	1	2	2	E-3216018	O-ring sensorelektrode, 5mm
	1	1	1	1	1	2	2	E-3216025	Plug-in contact with isolating hose for sensorelectrode
	3							E-3216024	Plug-in contact with isolating hose for steam generating electrodes
		3	6	6		12		E-2206059	Plug-in contact with isolating hose for steam generating electrodes
					6		12	E-2207016	Plug-in contact with isolating hose for steam generating electrodes
14	12	18	18	24	24	48	48	E-3216022	Clamp for flange of transparent cylinder
	1	1	1	1	1	2	2	E-2204023	Drain filter
17	1							E-3220000	Cylinder base DN20/25/15/12
17		1	1	1	1	2	2	E-2206086	Cylinder base DN40/25i/15/12
	1	1	1	1	1	1	1	B-3216023	Mounting set for Cylinder base
	1	1	1	1	1	2	2	E-2204035	Condensate plug DN12
11	1							E-3221002	Adapter for steam hose DN25, CY8
11		1						E-2209000	Adapter for steam hose DN25, CY17
11			1					E-2209004	Adapter for steam hose DN40, CY17
11				1		2		E-2209006	Adapter for steam hose DN40, CY 30
11					1		2	E-2209008	Adapter for steam hose DN40, CY 45
20	1	1						E-3221004	Clip for adapter DN25
20			1	1	1	2	2	E-2209002	Clip for adapter DN40
22	1	1						E-3221006	O-ring for adapter DN25
22			1	1	1	2	2	E-2209010	O-ring for adapter DN40
Water feed									
	4	4	5	5	5	10	10	E-2304015	Hose clamp d=12 mm for waterinlet hose
2	0,90	1,60	1,60	1,60	1,90	1,60	1,90	E-2604014	Connecting hose solenoid valve - cylinder base
	1	1	1	1	1	2	2	E-2304080	Potential equalization pipe for waterinlet hose
1	1							B-2304021	Solenoid valve, servo controlled, straight type, 0,2-10bar, 2,5 l/min.
1		1	1	1	1	2	2	B-2304023	Solenoid valve, servo controlled, straight type, 0,2-10bar, 3,5 l/min.
	1							E-3320400	Flow rate controller 2,5 l/min
		1	1	1	1	2	2	E-2321100	Flow rate controller 3,5l /min
	1	1	1	1	1	2	2	E-2304029	Fine filter in the inlet fitting of solenoid valve
	1	1	1	1	1	2	2	B-2304040	Mounting set for solenoid valve
	1	1	1	1	1	2	2	E-2304036	Rubber seal solenoid valve -cabinet
	1	1	1	1	1	2	2	B-2304024	Threaded inlet fitting for solenoid valve, pipe d=10 mm
28	0,40	0,70	0,70	0,70	0,80	0,70	0,80	E-2604010	Manual water drain
	1	1	1	1	1	1	1	E-2604062	Stopper, conical, lock for hose E-2604010
Water drain									
25	0,36	0,58	0,58	0,70	0,75	0,70	0,75	E-2604014	Pump drain hose pump - vent pipe
19	0,40	0,62	0,62	0,72	0,77	0,72	0,77	E-2604014	Pump drain hose vent pipe - drain
23	1	1	1	1	1	2	2	E-2425000	Vent pipe
24	1							E-3425002	Adapter pump - drain hose, straight-model, connections DN25/13
24		1	1	1	1	2	2	E-2425002	Adapter pump - drain hose edge-model, connections DN25/13
27	1	1	1	1	1	2	2	E-3220005	O-ring for adapter pump - drain hose
26	1	1	1	1	1	2	2	E-3220005	O-ring for cylinder base -pump
18	1	1	1	1	1	2	2	B-2404021	Drain pump without mounting set
	1	1	1	1	1	2	2	E-2404008	Drain pump housing
	1	1	1	1	1	2	2	E-2404006	O-ring for drain pump
	1	1	1	1	1	2	2	B-2424014	Mounting set for drain pump

* see diagram 5.1

*	HY1	HY2	HY3	HY4	HY5	HY6	HY7	Artikel Nr.	Description
									Electronic universal
	1	1						E-2501005	Main contactor 16A, 230V
			1					E-2501006	Main contactor 24A, 230V
				1		2		E-2505007	Main contactor 40A, 230V
					1		2	E-0505009	Main contactor 63A, 230V
	1	1	1	1	1	2	2	B-2525153	Transformer 230V/9V, 12VA
	1	1	1	1	1	2	2	E-2504039	Control fuse 5A, 5x20 mm
	1	1						B-3520009	Connecting cables terminal block - main contactor, set=3pc
			1	1				B-2524043	Connecting cables terminal block - main contactor, set=3pc
				1				B-2524045	Connecting cables terminal block - main contactor, set=3pc
					1			B-2527011	Connecting cables terminal block - main contactor, set=3pc
						2		B-2524119	Connecting cables terminal block - main contactor, set=3pc
							2	B-2524121	Connecting cables terminal block - main contactor, set=3pc, HY7.90
							2	B-2524123	Connecting cables terminal block - main contactor, set=3pc, HY7.116
10	1							B-3526017	Connecting cables for electrodes with plug-in contact, set=3pc
10		1						B-2524019	Connecting cables for electrodes with plug-in contact, set=3pc
10			1	1				B-2524017	Connecting cables for electrodes with plug-in contact, set=6pc
10					1			B-2524139	Connecting cables for electrodes with plug-in contact, set=6pc
10						1		B-2524141	Connecting cables for electrodes with plug., set=6pc, cylinder 1, right
10						1		B-2524143	Connecting cables for electrodes with plug., set=6pc, cylinder 2, left
10							1	B-2524145	Connecting cables for electrodes with plug., set=6pc, cylinder 1, right
10							1	B-2524147	Connecting cables for electrodes with plug., set=6pc, cylinder 2, left
	1							B-3520451	Main wire loom
		1	1	1	1			B-2520451	Main wire loom
						2		B-2520453	Main wire loom
							2	B-2520455	Main wire loom
	1							E-3516057	Grounding cable
		1	1	1	1	11		E-2506036	Grounding cable
	1	1	1	1	1	2	2	E-2525121	Cover for electronic pcg
	1	1	1	1	1	2	2	B-2525122	Mounting set for cover for elctronic pcg
	4	4	4	4	4	8	8	E-3126052	Pcb holder
	x	x	x	x	x	x	x		Mounting rail TS 35
	x	x	x	x	x	x	x	E-3116054	Cable fitting PG 16
	x	x	x	x	x	x	x	E-3116056	Cable fitting PG 21
	x	x	x	x	x	x	x	E-2107031	Cable fitting PG 29
	x	x	x	x	x	x	x	E-3116055	Plug PG 16
	x	x	x	x	x	x	x	E-3116057	Plug PG 21
	x	x	x	x	x	x	x	E-2107032	Plug PG 29
									L-electronic
	1	1	1	1	1			B-3524080	L-electronic pcb without module holder
	1	1	1	1	1			E-2502410	Control switch,single pole, middle position "0"
	1	1	1	1	1			E-3216406	Cover for L-Elektronik
	1							B-3525321	Terminal block compl. for L-electronic
		1						B-2525323	Terminal block compl. for L-electronic
			1					B-2525325	Terminal block compl. for L-electronic
				1				B-2525327	Terminal block compl. for L-electronic
					1			B-2525329	Terminal block compl. for L-electronic
	1							B-3520453	Main wire loom
		1	1	1	1			B-2520475	Main wire loom
	1	1	1	1	1			E-2120570	Mounting plate for electronics, one-cylinder-unit

* see diagram 5.1

*	HY1	HY2	HY3	HY4	HY5	HY6	HY7	Artikel Nr.	Description
									EM-electronic
	1	1	1	1	1	2	2	B-2525161	EM-electronic pcb compl. without module holder
	1	1	1	1	1	2	2	E-2525131	Display for EM-electronic
	1	1	1	1	1	2	2	B-2502400	Control switch, single pole, incl. protecting cap
	1							B-3525301	Terminal block complete for EM-electronic
		1						B-2525303	Terminal block complete for EM-electronic
			1					B-2525305	Terminal block complete for EM-electronic
				1				B-2525307	Terminal block complete for EM-electronic
					1			B-2525309	Terminal block complete for EM-electronic
						1		B-2525311	Terminal block complete for EM-electronic
							1	B-2525313	Terminal block complete for EM-electronic
	1	1	1	1	1			B-2525002	Wire loom for prop. control EM-electronic
						1	1	B-2525002	Wire loom for prop. control EM-electronic, cylinder 1, right
						1	1	B-2525003	Wire loom for prop. control EM-electronic, cylinder 2, left
	1	1	1	1	1			E-2120570	Mounting plate for electronics, one-cylinder-unit
						1	1	E-2120770	Mounting plate for electronics, double-cylinder-unit
	x	x	x	x	x	x	x	B-2525136	Bus cable EM - RO 0,5 m
	x	x	x	x	x	x	x	B-2525141	RO signal output pcb complete with module holder
	x	x	x	x	x			B-0623023	Signal outputs "Operation" and "Collective fault"
						x	x	B-0623037	Signal outputs "Operation" and "Collective fault", set=2pc.
									MP-electronic
	1	1	1	1	1	2	2	B-2522492	MT-pcb compl. with module holder
	1	1	1	1	1	2	2	B-2522494	MP-electronic/Display for MP-electronic
	1	1	1	1	1	2	2	B-2522451	Bus cable MP - MT 1,05 m
	1	1	1	1	1	2	2	B-2502400	Control switch, single pole, incl. protecting cap
	1							B-3525341	Terminal block complete for MP-electronic
		1						B-2525343	Terminal block complete for MP-electronic
			1					B-2525345	Terminal block complete for MP-electronic
				1				B-2525347	Terminal block complete for MP-electronic
					1			B-2525349	Terminal block complete for MP-electronic
						1		B-2525351	Terminal block complete for MP-electronic
							1	B-2525353	Terminal block complete for MP-electronic
	1	1	1	1				B-2522402	Wire loom for prop. control MP-electronic
					1			B-2522403	Wire loom for prop. control MP-electronic
						1		B-2522405	Wire loom for prop. control MP-electronic
							1	B-2522404	Wire loom for prop. control MP-electronic
	1	1	1	1	1			E-2120560	Mounting plate for electronics, one-cylinder-unit
						2	2	E-2120760	Mounting plate for electronics, double-cylinder-unit
	x	x	x	x	x	x	x	B-2522455	Bus cable MP - MT - RO
	x	x	x	x	x	x	x	B-2525141	RO signal output pcb complete with module holder
									Accessoires
	x	x						E-2604248	Steam distributor, DN 25, 195mm, holes evenly spaced
	x	x						E-2604249	Steam distributor, DN 25, 240mm, holes evenly spaced
	x	x						E-2604251	Steam distributor, DN 25, 400mm, holes evenly spaced
	x	x						E-2604253	Steam distributor, DN 25, 700mm, holes evenly spaced
	x	x						E-2604255	Steam distributor, DN 25, 1000mm, holes evenly spaced
	x	x						E-2604256	Steam distributor, DN 25, 1300mm, holes evenly spaced
			x	x	x	x	x	E-2604400	Steam distributor, DN 40, 300mm, holes evenly spaced
			x	x	x	x	x	E-2604402	Steam distributor, DN 40, 500mm, holes evenly spaced
			x	x	x	x	x	E-2604403	Steam distributor, DN 40, 700mm, holes evenly spaced
			x	x	x	x	x	E-2604404	Steam distributor, DN 40, 900mm, holes evenly spaced
			x	x	x	x	x	E-2604406	Steam distributor, DN 40, 1300mm, holes evenly spaced

* see diagram 5.1

*	HY1	HY2	HY3	HY4	HY5	HY6	HY7	Artikel Nr.	Description
21	x	x						E-2604012	Steam hose DN 25, per m
21			x	x	x	x	x	E-2604013	Steam hose DN 40, per m
	x	x	x	x	x	x	x	E-2604014	Condensate hose DN 12, per m
	x	x						E-2404004	Steam hose clamp DN 25
			x	x	x	x	x	E-2604016	Steam hose clamp DN 40
	x	x	x	x	x	x	x	E-2304015	Condensate hose clamp
	x	x						B-2604026	Steam solenoid valve 0-0,4 bar, cpl. for steam hose DN 25
			x	x	x	x	x	B-2604040	Steam solenoid valve 0-0.4 bar, cpl. for steam hose DN 40
	x	x						E-2604019	Connectors for steam distribution T-piece DN 25
			x	x	x	x	x	E-2604020	Connectors for steam distribution T-piece DN 40
	x	x	x	x	x	x	x	E-2604021	Connectors for condensate T-piece DN 12
	x	x						E-2604030	Elbows 90° DN 25, stainless steel
			x	x	x	x	x	E-2604036	Elbows 90° DN 40, stainless steel
	x							B-2208005	Cylinder star
		x						B-2208007	Cylinder star
			x					B-2208013	Cylinder star, CY 17 DN 40
				x		x		B-2208009	Cylinder star
					x		x	B-2208011	Cylinder star
	x	x						B-2304063	Super flush complete
			x	x	x	x	x	B-2304065	Super flush complete

* see diagram 5.1