



ESPRESSO MACHINES

#236ECM1 • 1 Group

#236ECM2 • 2 Group

#236ECM3 • 3 Group

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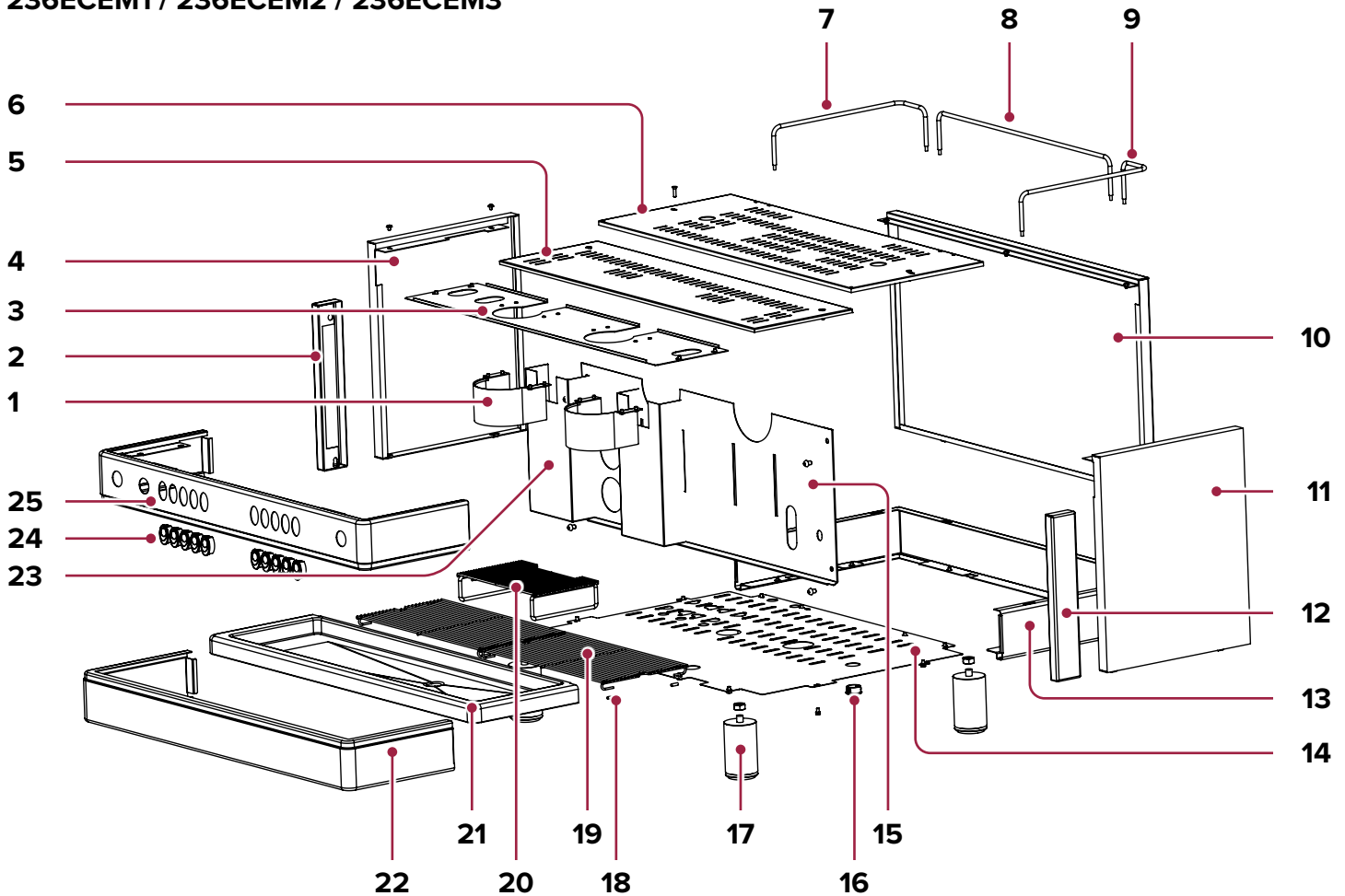


Intertek
3058215

CONFORMS TO UL STD. 197
CONFORMS TO NSF/ANSI STD. 4

BODY ASSEMBLY

236ECEM1 / 236ECEM2 / 236ECEM3

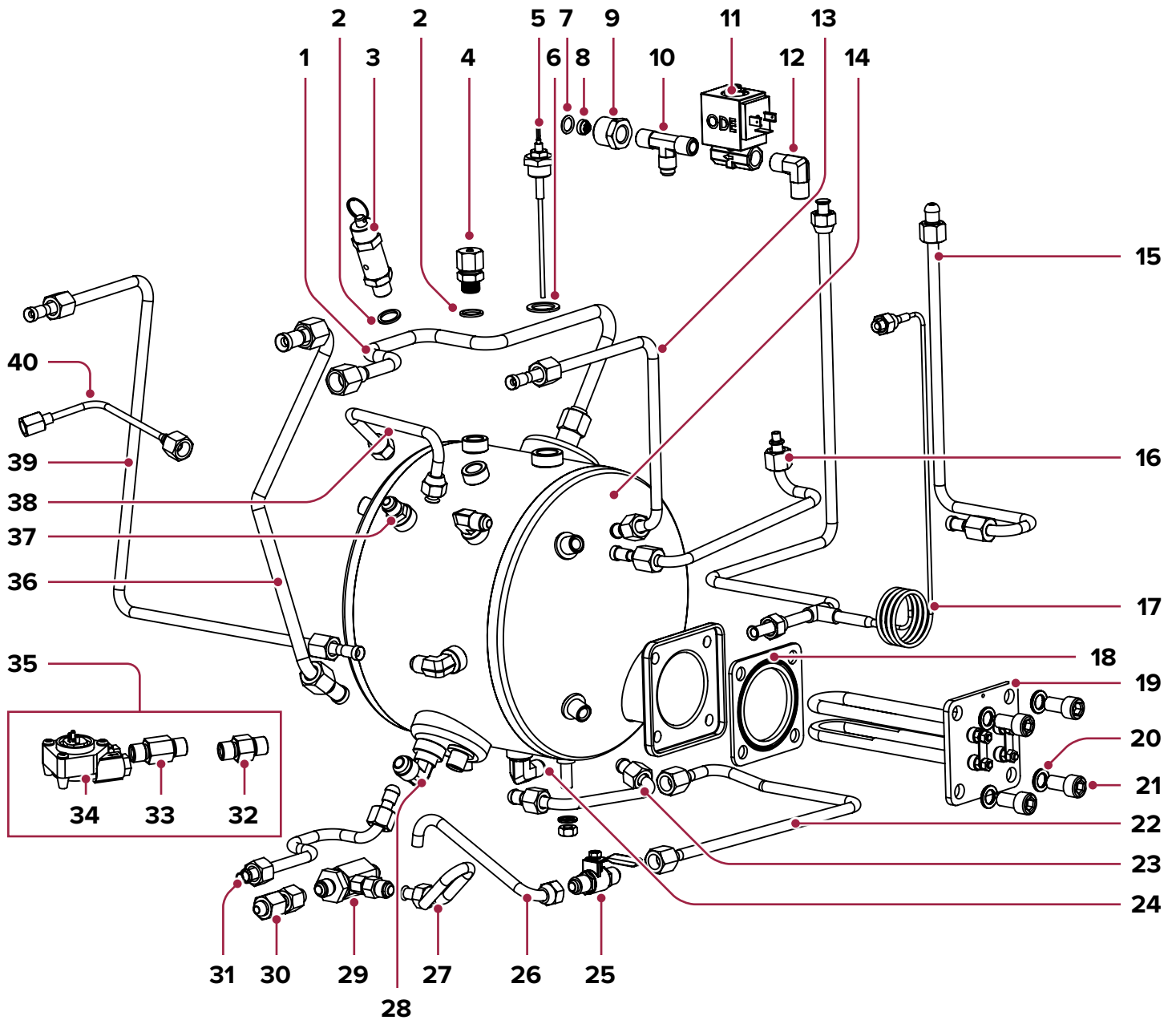


Key	Description	Item Number
1	Surround Steel	—
2	Front Left Cover	—
3	Cable Cover	—
4	Left Side Panel	—
5	Group Cover	—
6	Upper Grill	—
7	Left Rail	236PECEM109
8A	Middle Rail for ECEM1	236PECEM110
8B	Middle Rail for ECEM2	236PECEM111
8C	Middle Rail for ECEM3	236PECEM112
9	Right Rail	236PECEM108
10	Back Panel	—
11	Right Side Panel	—
12	Front Right Cover	—

Key	Description	Item Number
13	Rear Base Surround Panel	—
14	Bottom Metal Cover	—
15	Boiler Cover	—
16	Cable Protection Ring	—
17	Foot	236PTPM1
18	Silicone Pipe	—
19A	Lower Drain Pan for ECEM1 and ECEM3	236PECEM93
19B	Lower Drain Pan for ECEM2	236PECEM94
20	Cup Rack	236PECEM95
21	Drain Pan	236PECEM114
22	Front Base Surround	—
23	Valve Cover	—
24	Control Panel	—
25	Control Frame	—

BOILER HYDRAULIC

236ECM1



BOILER HYDRAULIC

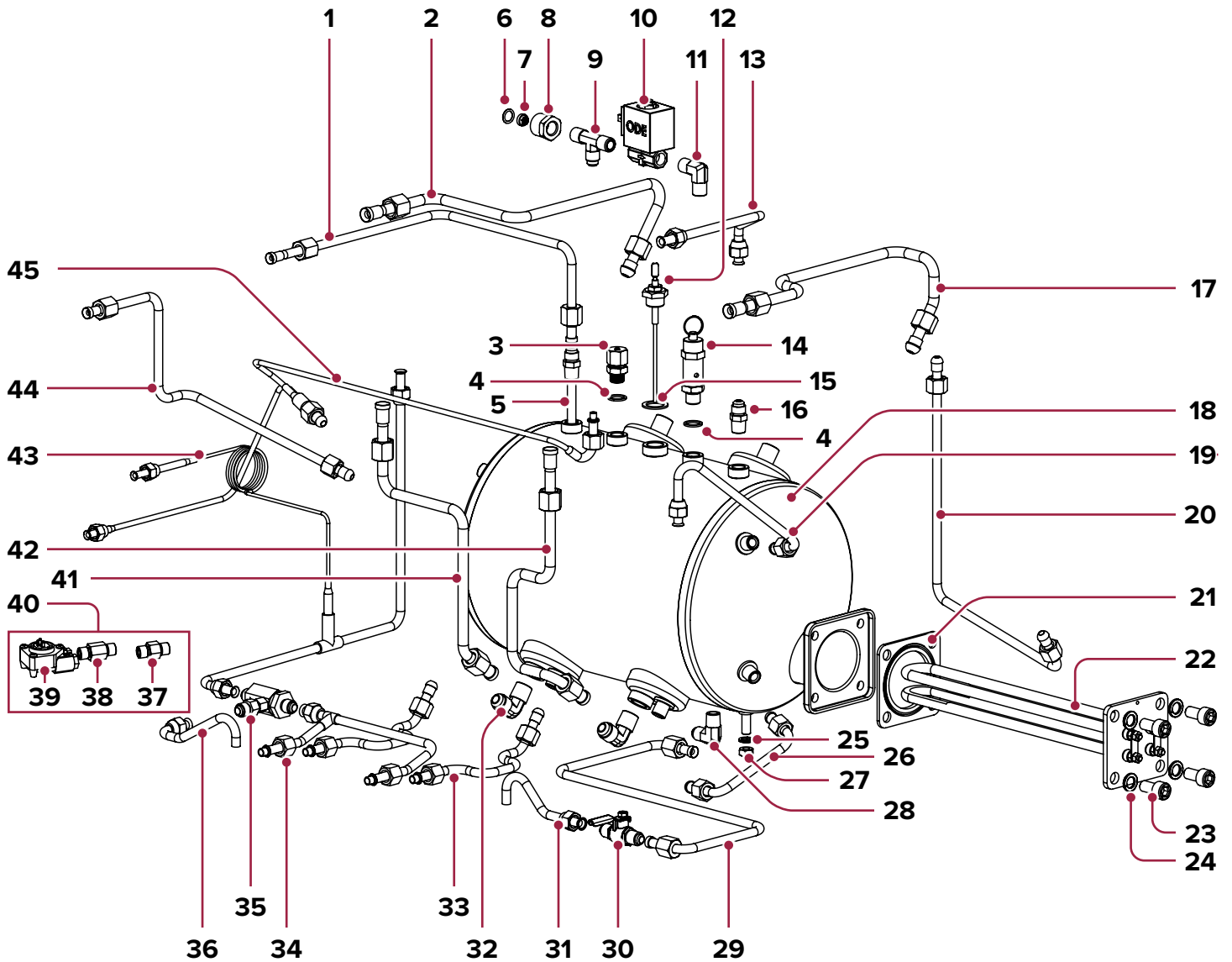
236ECEM1

Key	Description	Item Number
1	Heat Exchanger Outlet Tube	—
2	Brass Valve Gasket	236PTPM6
3	Safety Valve	236PECEM57
4A	Anti-Eddy Valve	236PECEM97
4B	Silica Gel Boiler O-Ring	236PECEM14
5	Boiler Water Level Probe Assembly	236PECEM17
6	Brass Valve Gasket	236PTPM5
7	O-Ring for Water Refill Assembly	236PTPM30
8	Spherical Conical Filter	236PTPM29
9	Brass Connector	236PTPM28
10	Brass Connector	236PTPM27
11	Boiler Solenoid Valve	236PECEM12
12	Brass Elbow Connector	236PTPM25
13	Right Front Steam Outlet Tube	236PTPM7
14	6 Qt. Boiler Assembly	236PECEM103
15	Rear Water Refill Tube	236PECEM84
16	Pressure Gauge Copper Tube	—
17	Water Intake Tube Assembly	236PECEM113
18	Boiler Element Gasket	236PECEM10
19	1500W Boiler Element	236PECEM7
20	Spring Washer	—

Key	Description	Item Number
21	Screw	—
22	Rear Boiler Drain Tube	—
23	Lower Water Level Tube	236PTPM10
24	Brass Elbow Connector	236PTPM9
25	Bulk Pressure Release Tap	236PTPM16
26	Expansion Drain Tube	—
27	Front Boiler Drain Tube	—
28	3/8" Brass Elbow	236PECEM45
29	Three Way Valve	236PECEM36
30	Flow Inlet Tube	236PECEM37
31	Heat Exchanger Inlet Tube	—
32	Brass Fitting	—
33	Brass Fitting	—
34	Flowmeter Doser	236PTPM44
35	Boiler Flowmeter	236PECEM18
36	Heat Exchanger Return Tube	—
37	1/2" Brass Connector	236PECEM91
38	Upper Water Level Tube	236PTPM19
39	Rear Hot Water Outlet Tube	—
40	Steam Pressure Gauge Tube	—

BOILER HYDRAULIC

236ECEM2



BOILER HYDRAULIC

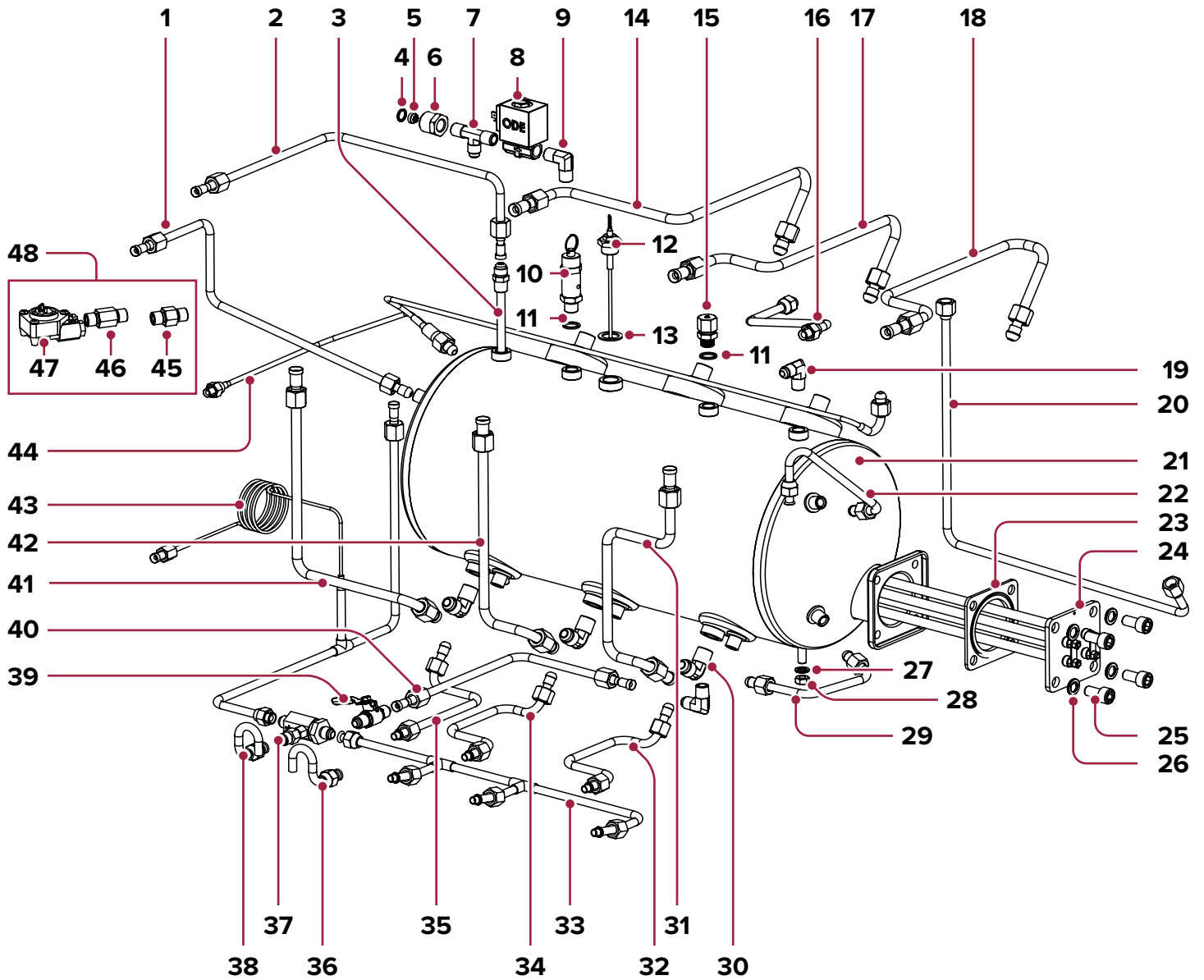
236ECEM2

Key	Description	Item Number
1	Rear Hot Water Outlet Tube	236PECEM81
2	Heat Exchanger Left Outlet Tube	236PECEM100
3A	Anti-Eddy Valve	236PECEM97
3B	Silica Gel Boiler O-Ring	236PECEM14
4	Brass Valve Gasket	236PTPM6
5	Hot Water Conduct Tube	236PECEM80
6	O-Ring for Water Refill Assembly	236PTPM30
7	Spherical Conical Filter	236PTPM29
8	Brass Connector	236PTPM28
9	Brass Connector	236PTPM27
10	Boiler Solenoid Valve	236PECEM11
11	Brass Elbow Connector	236PTPM25
12	Boiler Water Level Probe Assembly	236PECEM17
13	Front Right Steam Outlet Tube	—
14	Safety Valve	236PECEM57
15	Brass Valve Gasket	236PTPM5
16	1/2" Brass Connector	236PECEM91
17	Right Heat Exchanger Outlet Tube	236PECEM90
18	13 Qt. Boiler Assembly	236PECEM104
19	Upper Water Level Tube	236PTPM40
20	Rear Auto Water Refill Tube	—
21	Boiler Element Gasket	236PECEM10
22	4000W Boiler Element	236PECEM8

Key	Description	Item Number
23	Screw	—
24	Spring Washer	—
25	Spring Washer	—
26	Lower Water Level Tube	236PTPM10
27	Nut	—
28	Brass Elbow Connector	236PTPM9
29	Rear Water Drain Tube	236PECEM105
30	Bulk Pressure Release Tap	236PTPM16
31	Front Boiler Drain Group Assembly	236PTPM13
32	3/8" Brass Elbow	236PECEM45
33	Heat Exchanger Inlet Tube	—
34	Flowmeter Inlet Tube	—
35	Three Way Valve	236PECEM36
36	Expansion Drain Tube	236PTPM49
37	Brass Fitting	—
38	Brass Fitting	—
39	Flowmeter Doser	236PTPM44
40	Boiler Flowmeter	236PECEM18
41	Heat Exchanger Left Return Tube	236PECEM101
42	Right Heat Exchanger Return Tube	236PTPM41
43	Auto Water Refill Tube	—
44	Front Left Steam Outlet Tube	—
45	Steam Pressure Gauge Copper Tube	236PECEM106

BOILER HYDRAULIC

236ECM3



BOILER HYDRAULIC

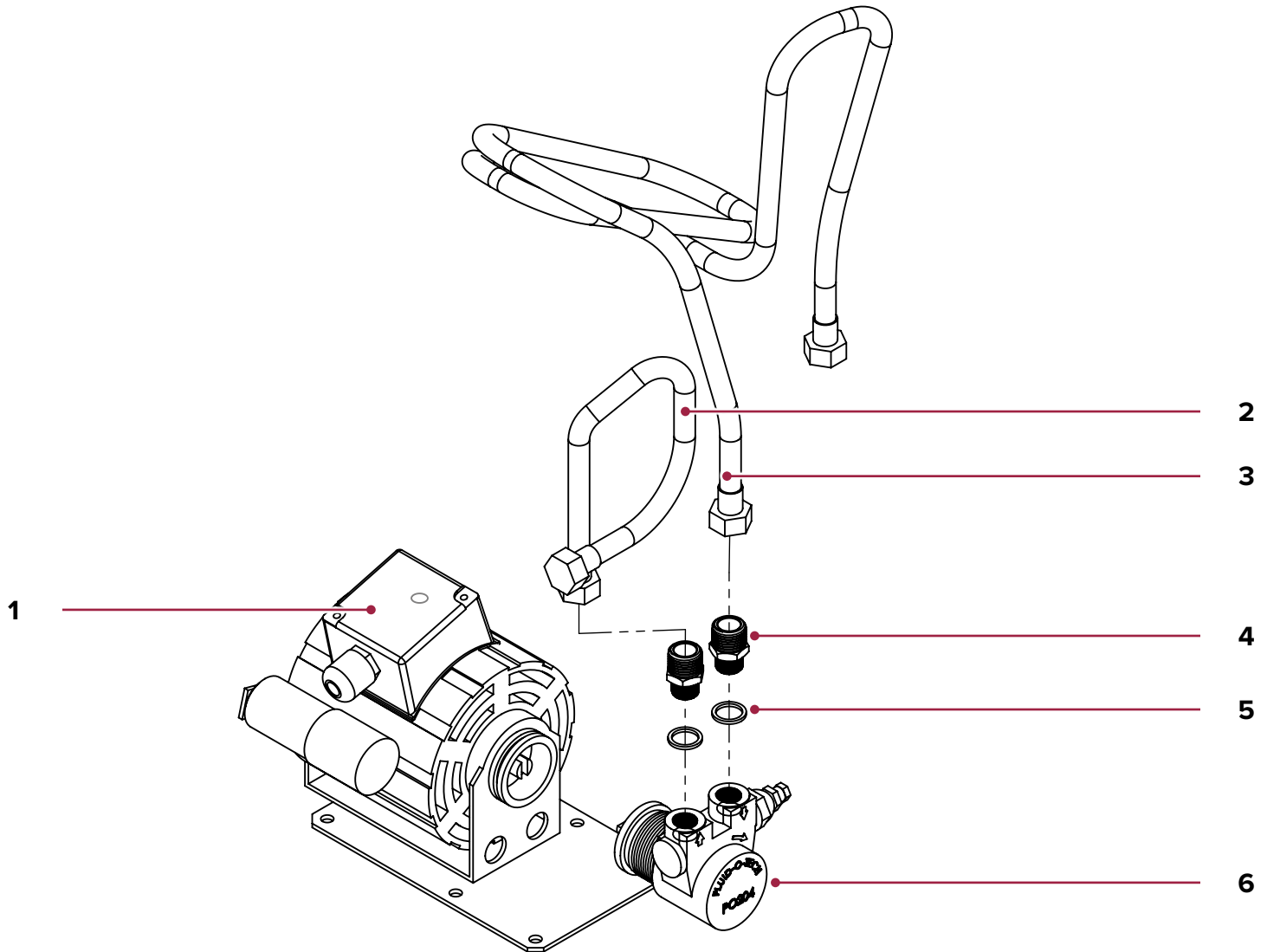
236PECEM3

Key	Description	Item Number
1	Left Steam Tube	—
2	Rear Hot Water Outlet Tube	—
3	Hot Water Conduct Tube	236PECEM80
4	O-Ring for Water Refill Assembly	236PTPM30
5	Spherical Conical Filter	236PTPM29
6	Brass Connector	236PTPM28
7	Brass Connector	236PTPM27
8	Boiler Solenoid Valve	236PECEM11
9	Brass Elbow Connector	236PTPM25
10	Safety Valve	236PECEM57
11	Brass Valve Gasket	236PTPM6
12	Boiler Water Level Probe Assembly	236PECEM17
13	Brass Valve Gasket	236PTPM5
14	Small Boiler Water Outlet Tube Set - Left	—
15A	Anti-Eddy Valve	236PECEM97
15B	Silica Gel Boiler O-Ring	236PECEM14
16	Boiler Steam Tube Set - Right	—
17	Small Boiler Water Outlet Tube Set - Middle	—
18	Small Boiler Water Outlet Tube Set - Right	—
19	Brass Elbow Connector	236PTPM9
20	Big Boiler Water Refill Tube Rear	—
21	19 Qt. Boiler Assembly	236PECEM102
22	Water Level Window Copper Tube Set - Upper	—
23	Boiler Element Gasket	236PECEM10

Key	Description	Item Number
24	6000W Boiler Element	236PECEM9
25	Stainless Steel Hex Socket Screw	—
26	Spring Washer	—
27	Spring Washer	—
28	Stainless Steel Nut	—
29	Water Level Window Copper Tube Set Lower	—
30	3/8" Brass Elbow	236PECEM45
31	Small Boiler Water Return Tube, Right	—
32	Small Boiler Water Inlet Tube Set, Right	—
33	Flowmeter Water Inlet Tube Set	—
34	Small Boiler Water Inlet Tube Set, Middle	—
35	Small Boiler Water Inlet Tube, Left	236PECEM96
36	Boiler Drain Tube Front	—
37	Three Way Valve	236PECEM36
38	Expansion Drain Tube	236PTPM14
39	Bulk Pressure Release Tap	236PTPM16
40	Rear Boiler Drain Tube	236PECEM62
41	Small Boiler Water Return Tube, Left	—
42	Small Boiler Water Return Tube, Middle	—
43	Cool Water Tube Middle	—
44	Steam Pressure Tube Set	—
45	Flowmeter Brass Fitting (Short)	—
46	Flowmeter Brass Fitting (Long)	—
47	Flowmeter Doser	236PTPM44
48	Boiler Flowmeter	236PECEM18

MOTOR PUMP

236ECEM1 / 236ECEM2 / 236ECEM3

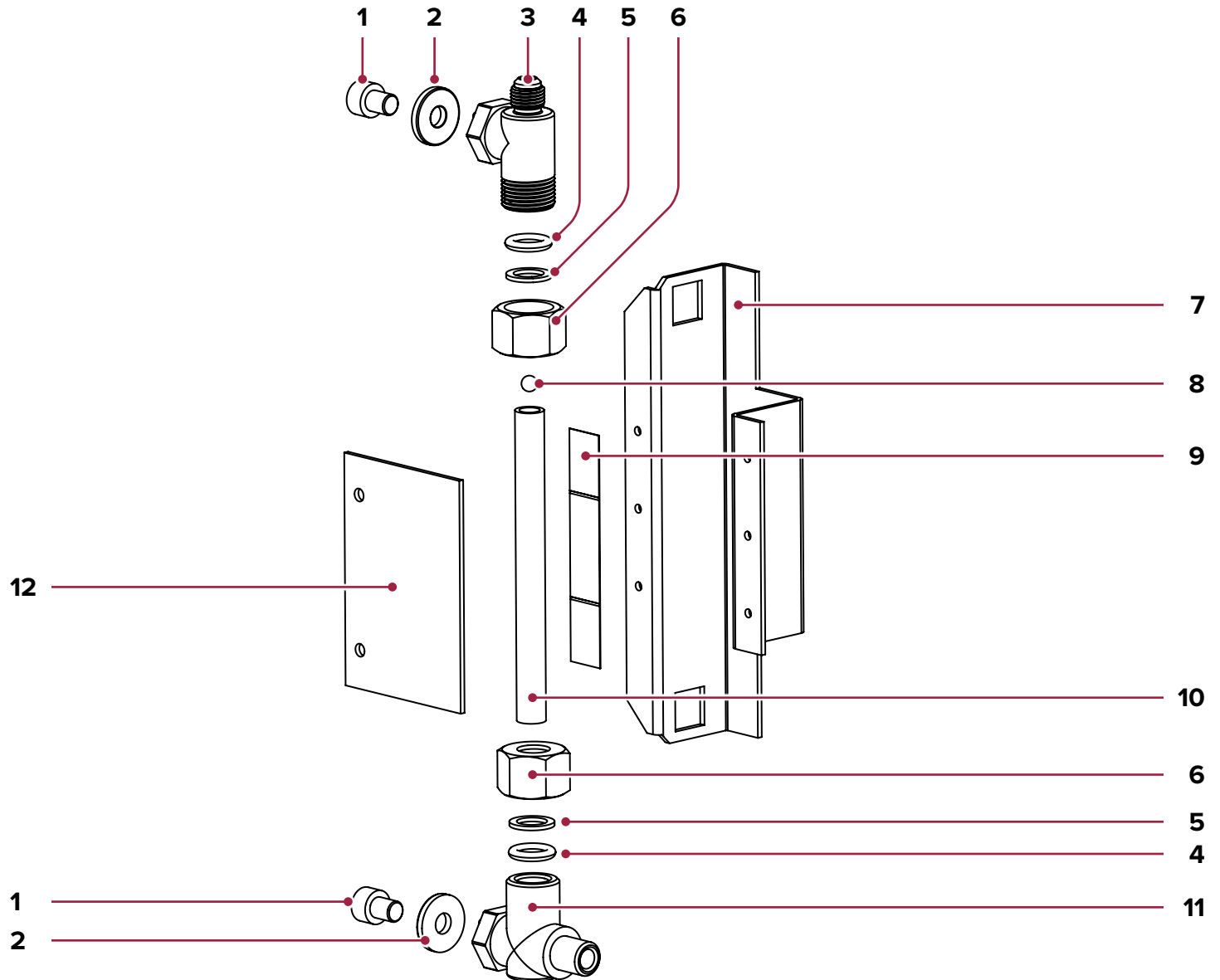


Key	Description	Item Number
1A	Motor for ECEM1, 110-120V	236PECEM107
1B	Motor for ECEM2 and ECEM3, 220-240V	236PECEM61
2	600 mm Steel Wire Pipe	236PTPM68
3	2400 mm Steel Wire Pipe	236PTPM63

Key	Description	Item Number
4	Gas Fitting	236PTPM64
5	PTFE Gasket	236PECEM32
6A	Boiler Pump for ECEM1	236PECEM15
6B	Boiler Pump for ECEM2 and ECEM3	236PECEM16

WATER LEVEL ASSEMBLY (236PECEM40)

236ECEM1 / 236ECEM2 / 236ECEM3

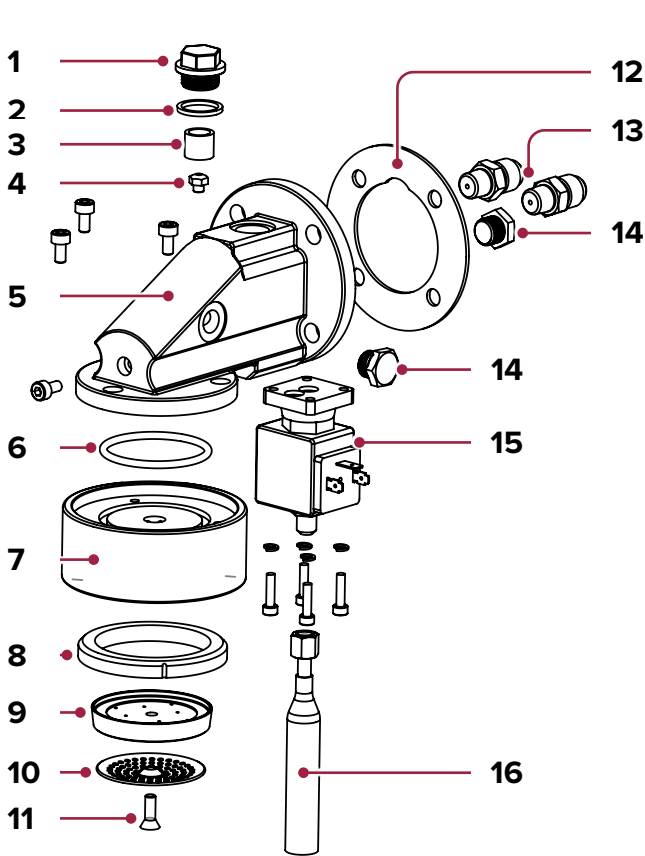


Key	Description	Item Number
1	Hex Screw	—
2	Washer	—
3	Level Connector (Upper)	—
4	Rubber Sight Glass Gasket	236PECEM41
5	Copper Seal	236PECEM42
6	Brass Nut	236PECEM44

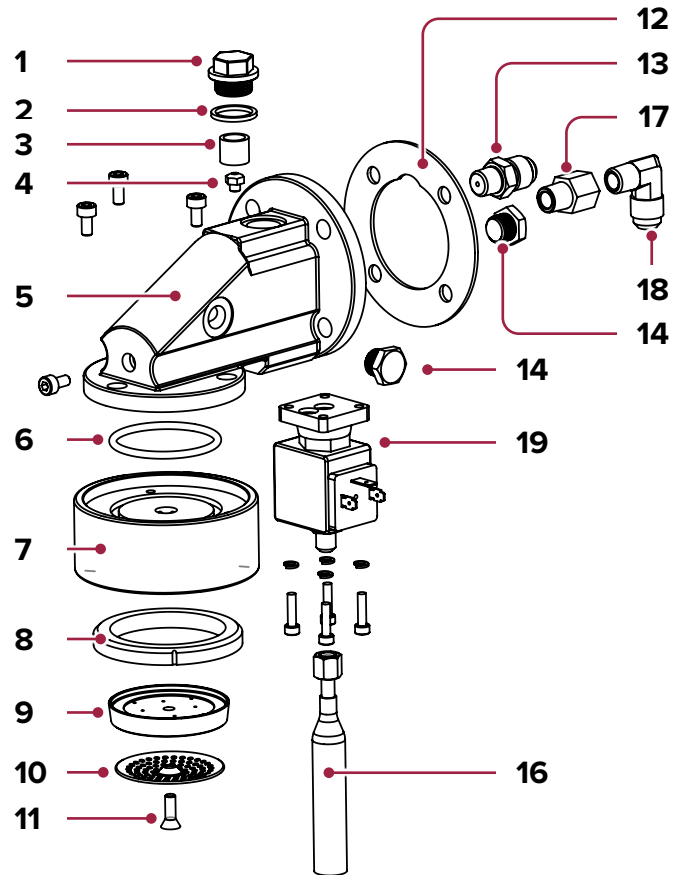
Key	Description	Item Number
7	Sight Glass Rear Cover	—
8	Level-Indicating Ball	—
9	Level Label	—
10	Sight Glass	236PECEM43
11	Level Connector (Lower)	—
12	Panel	—

DISTRIBUTION GROUP ASSEMBLY

236ECEM1



236ECEM2 / 236ECEM3

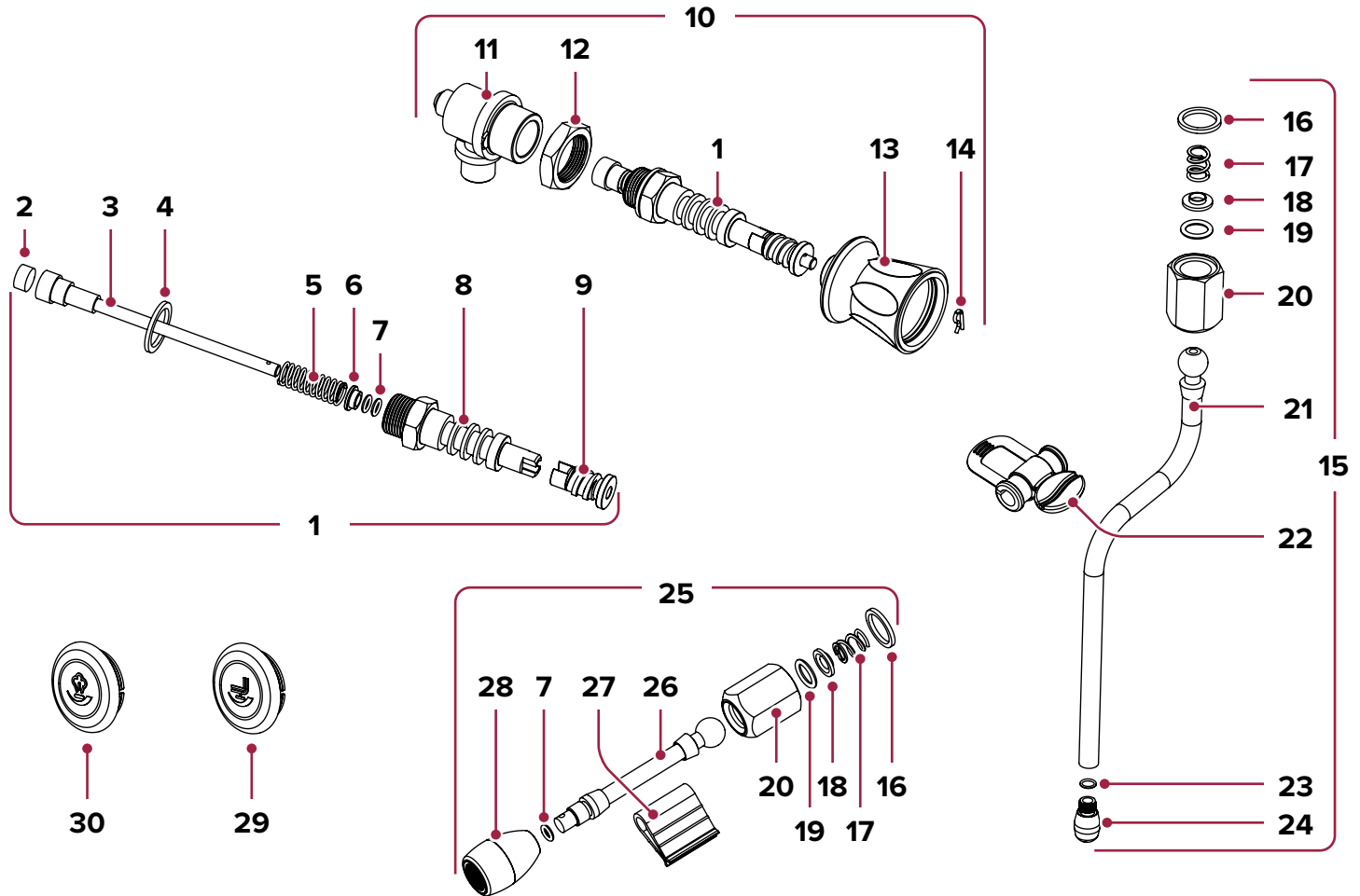


Key	Description	Item Number
1	Distribution Group Cap	236PTPM70
2	Group PTFE Gasket	236PECEM25
3	Resin Exchange Filter	236PECEM26
4	Brass Nozzle	236PECEM19
5	Distribution Group Body	—
6	Group Silica Gel Ring	236PECEM23
7	Chromed Clamping Ring	—
8	Group O-Ring	236PECEM24
9	Water Spout Support	236PECEM82
10	Group Shower Plate	236PECEM83

11	Stainless Steel Group Screw	236PECEM22
12	Group Head Washer	236PTPM73
13	Water Inlet Connector	236PTPM75
14	Brass Plug	236PECEM58
15	Group Solenoid Valve for ECEM1	236PECEM20
16	Pressure Release Drain Tube	236PTPM74
17	Water Recycle Connector	236PTPM76
18	Coffee Brew Group Fitting	236PTPM77
19	Group Solenoid Valve for ECEM2 and ECEM3	236PECEM21

WATER AND STEAM ASSEMBLY

236ECEM1 / 236ECEM2 / 236ECEM3

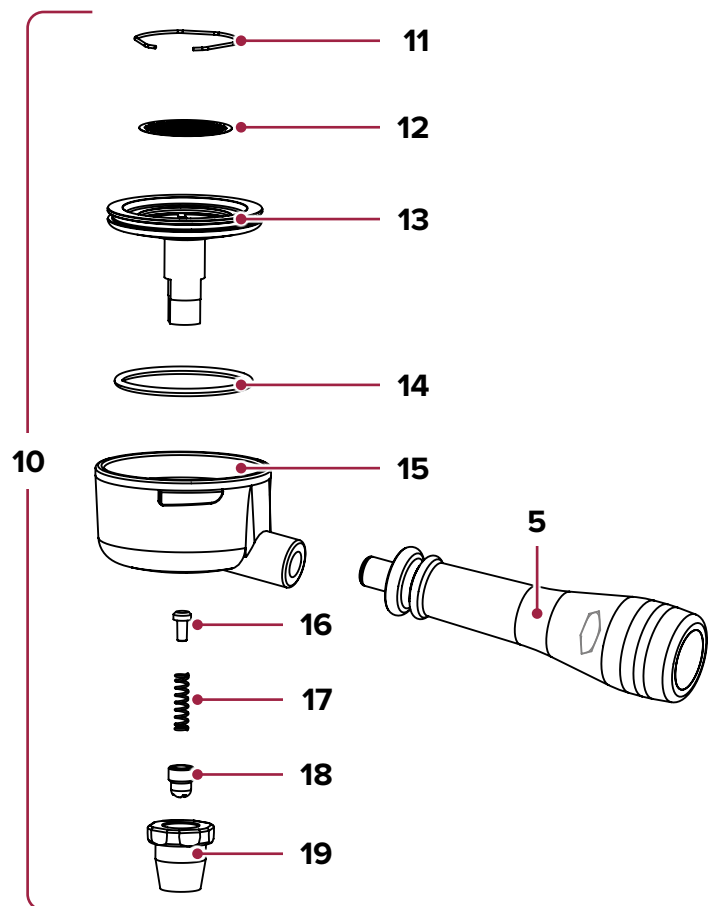
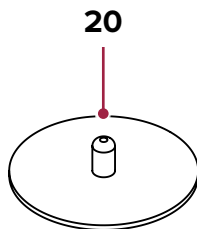
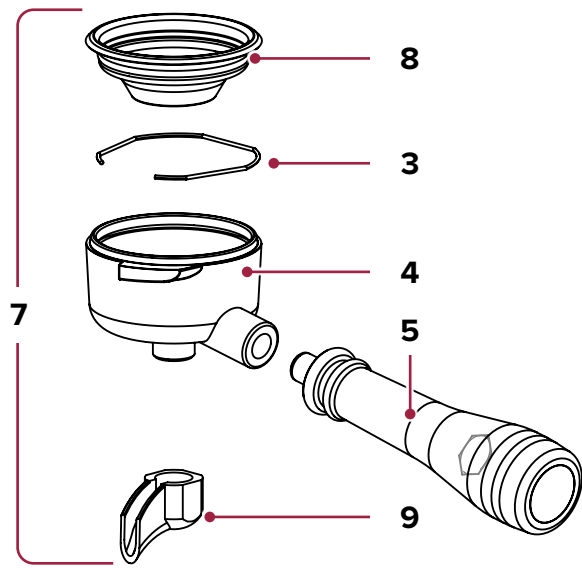
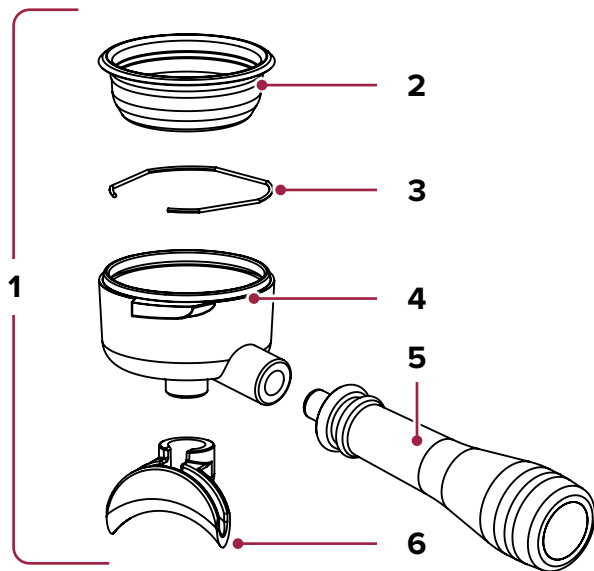


Key	Description	Item Number
1	Water Steam Tap	236PTPM80
2	Water/Steam O-Ring	236PECEM29
3	Hot Water Valve Shaft	—
4	Copper Seal	—
5	Steam Tap Spring	—
6	Gasket	—
7	Silicone Boiler O-Ring	236PECEM27
8	Tap Connector	—
9	Chromed Tap Shaft	—
10	Water Steam Tap Assembly	236PTPM81
11	Tap Body	—
12	Brass Nut	—
13	Knob	—
14	Cotter Pin	—
15	Steam Wand Assembly	236PECEM85

Key	Description	Item Number
16	Water/Steam PTFE Gasket	236PECEM32
17	Steam Tap Spring	—
18	Steam Spring Gasket	236PECEM31
19	Hot Water Tube O-Ring	236PECEM28
20	Steam Pipe Nut	—
21	Steam Wand Tube	236PECEM86
22	Heat Resistant Clip	—
23	Steam Sprayer O-Ring	236PECEM30
24	Steam Sprayer	236PECEM35
25	Hot Water Tubing Kit	236PTPM82
26	Hot Water Tube	—
27	Heat Resistant Clip	—
28	External Sprayer	—
29	Hot Water Knob Cap	236PTPM79
30	Steam Knob Cap	236PTPM78

PORTAFILTER ASSEMBLY

236ECEM1 / 236ECEM2 / 236ECEM3



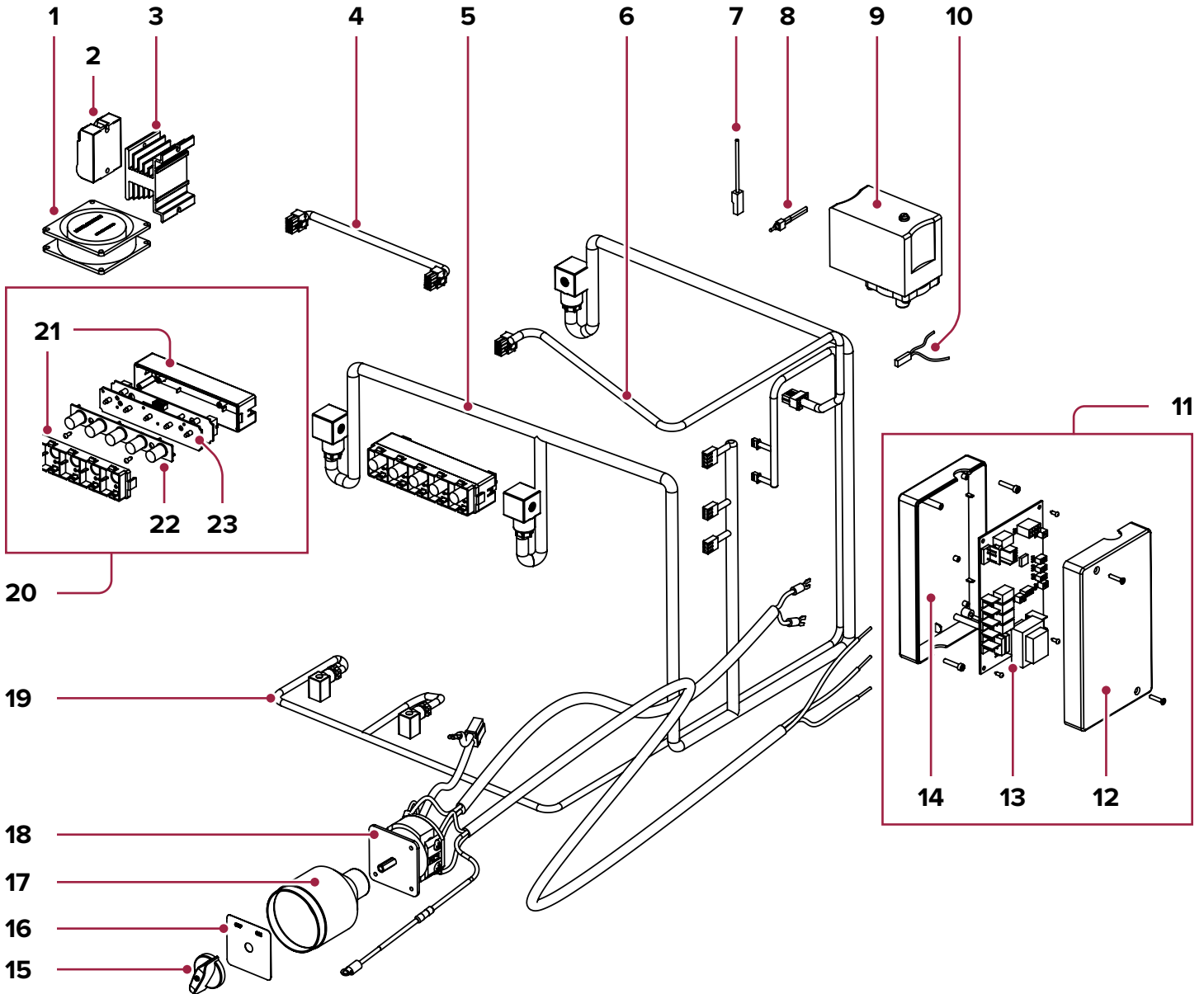
PORTAFILTER ASSEMBLY

236ECEM1 / 236ECEM2 / 236ECEM3

Key	Description	Item Number
1	Double Spout Portafilter	236PFILT2
2	Double Cup Stainless Steel Filter	236PECEM99
3	Filter Clamp Spring	—
4	Filter Support	—
5	Filter Holder Knob Cap	—
6	Brass 2 Cup Spout	236PTPM100
7	Single Spout Portafilter	236PFILT1
8	Single Cup Stainless Steel Filter	236PECEM98
9	Brass 1 Cup Spout	236PTPM103
10	Pod Portafilter	236PFILTPOD
11	Filter Clamp Spring	—
12	Filter	—
13	Filter Base	—
14	Silicone O-Ring	236PTPM106
15	Filter Support	—
16	Stopper	—
17	Steam Tap Spring	—
18	Adjust Valve	—
19	Brass Spout	—
20	Rubber Backflush Disk	236BFDISK

ELECTRICAL SYSTEM ASSEMBLY

236ECM1 / 236ECM2 / 236ECM3



ELECTRICAL SYSTEM ASSEMBLY

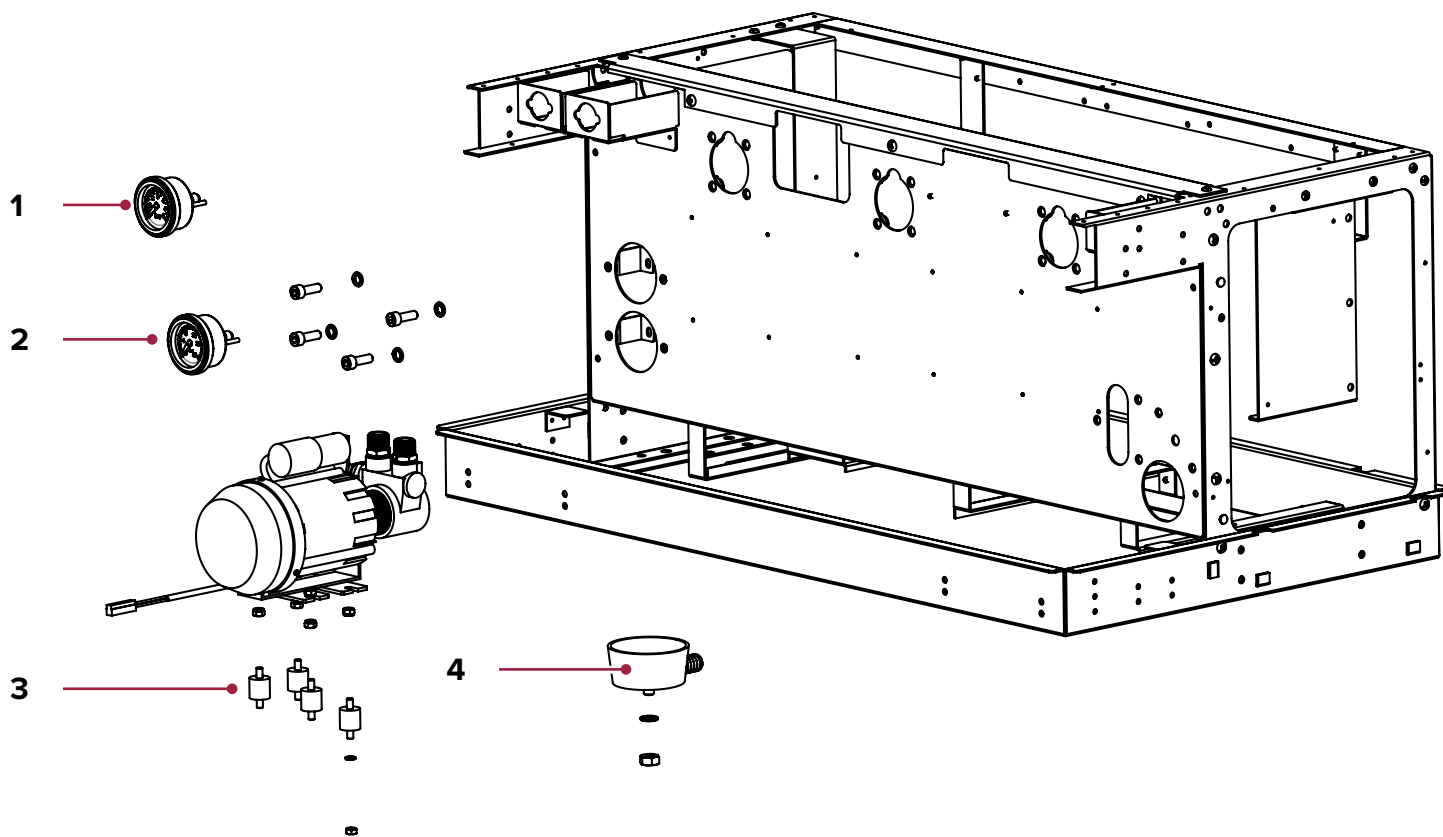
236ECEM1 / 236ECEM2 / 236ECEM3

Key	Description	Item Number
1	Fan	—
2A	Solid State Relay for ECEM1	236PECEM2
2B	Solid State Relay for ECEM2 and ECEM3	236PECEM3
3	Radiator	—
4	Cable Panel	236PTPM90
5	Cable Unit for ECEM3	236PTPM94
6	PCB Cable	236PTPM84
7	Water Level Probe Wire	236PECEM6
8	Select Switch	236PTPM85
9	Pressure Switch	236PECEM1
10	Thermal Protection Fuse	236PECEM92
11	Control Box With IC Board	—
12	Control Box Top Cover	—
13A	Control Mainboard for ECEM1	236PECEM5
13B	Control Mainboard for ECEM2 and ECEM3	236PECEM4
14	Control Box Bottom Cover	—
15	Knob	236PECEM54
16	Main On / Off Dial Plate	236PECEM53
17	Main Switch Cover	236PECEM52
18A	Main Switch Assembly for ECEM1 and ECEM2	236PECEM51
18B	Main Switch Assembly for ECEM3	236PECEM50
19A	Flowmeter Gauge Cable for ECEM2	236PTPM86
19B	Flowmeter Gauge Cable for ECEM1 and ECEM3	—
20	Touch Pad Control PC Mainboard	236PECEM46
21	Operate Box	—
22	Key Board	—

Key	Description	Item Number
23	Control Board	—

OTHER PARTS

236ECEM1 / 236ECEM2 / 236ECEM3



Key	Description	Item Number
1	Steam Pressure Gauge	236PECEM34
2	Water Pressure Gauge	236PECEM33

Key	Description	Item Number
3	Anti-Vibration Foot Fitting	236PTPM65
4	Drain Basin	236PTPM99