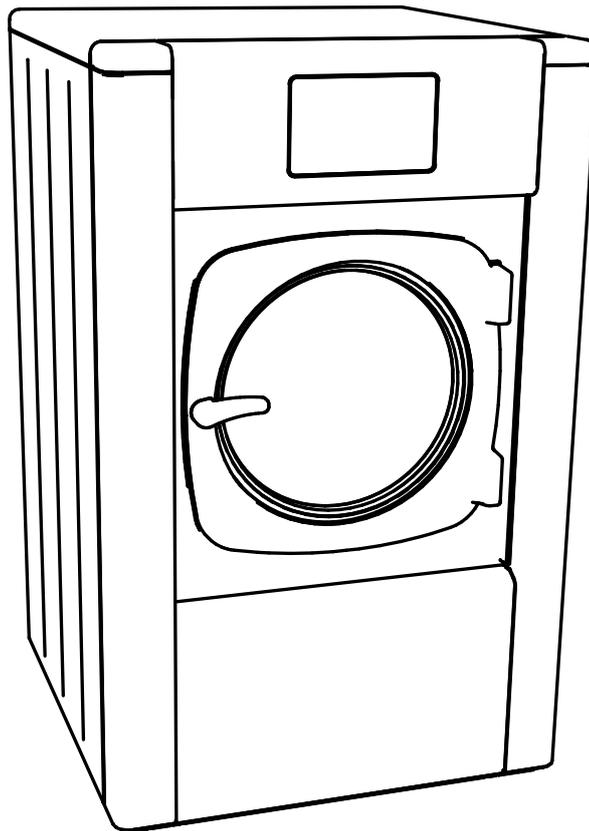


Washers

GS7009 / GS023



Parts Handbook

GIRBAU

GIRBAU

NORTH AMERICA

EN

The information in this manual applies to the following models:

Model	Girbau, SA Catalog No.	Girbau North America, Inc. Catalog No.	From machine No.	To machine No.
HS7009/23 H HS7009/23 E HS7009/23 V	GS7009	GS023	2630000	



Girbau, SA
Ctra de Manlleu, km. 1
08500 Vic (Barcelona) SPAIN
www.girbau.com

GIRBAU NORTH AMERICA Inc.
2500 State Road 44
WI 54904 Oshkosh USA
www.cgilaundry.com

TRANSLATION OF THE ORIGINAL MANUAL

Carefully read these instructions before using the machine.
Unauthorized modifications to the machine will void the warranty.
Keep this manual for future reference.

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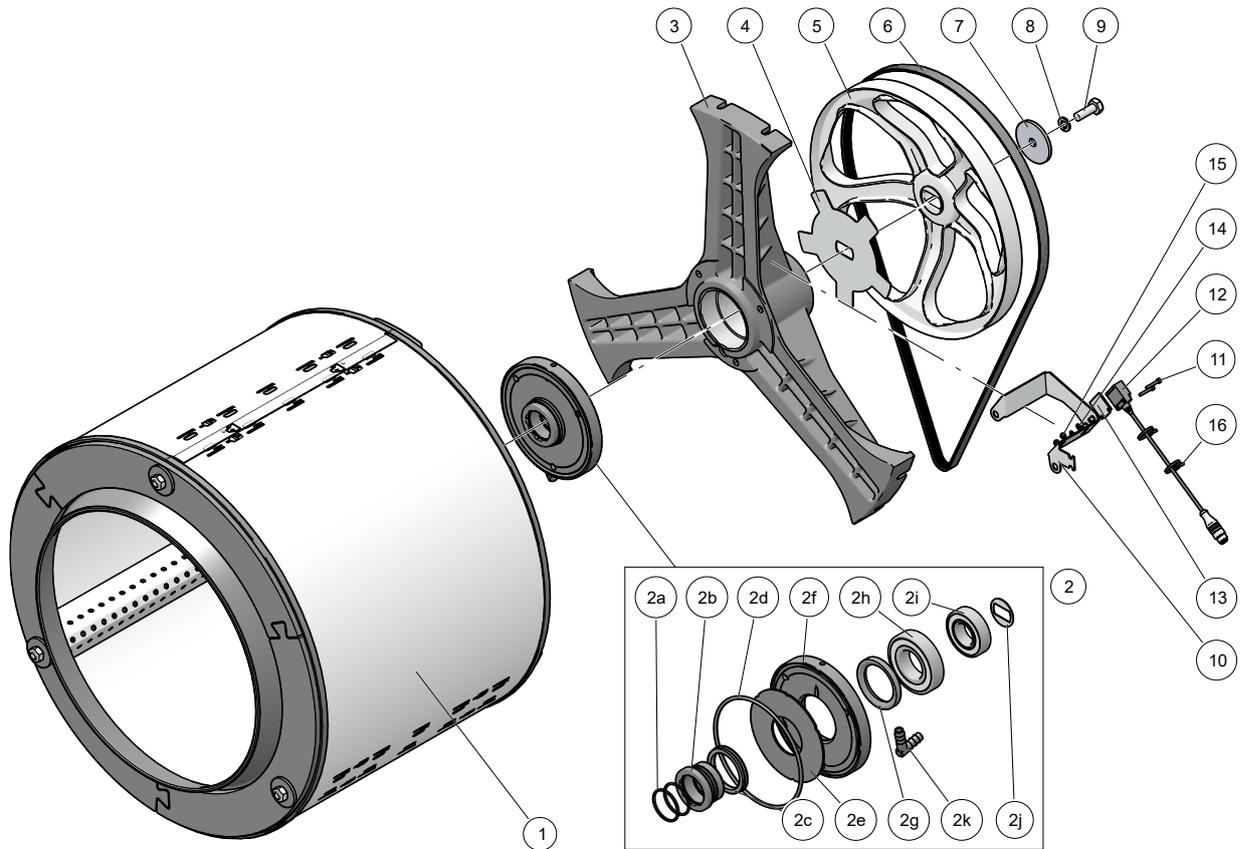




Cylinder

Drum assembly

Figure 1



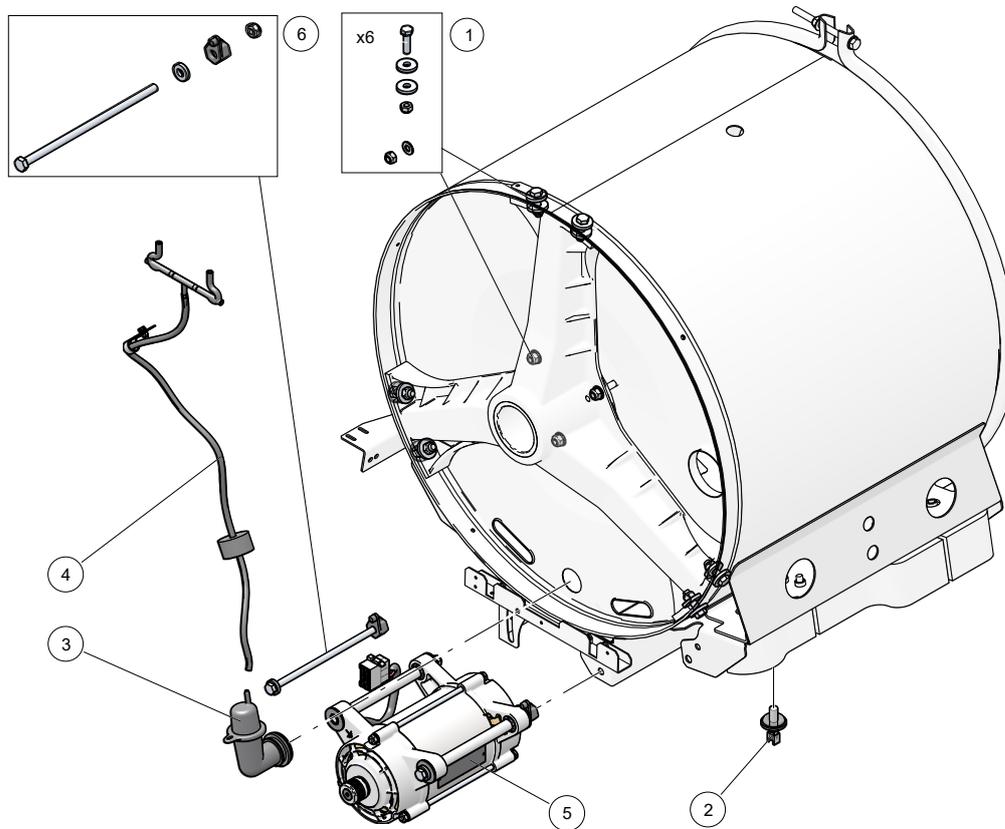
Item No.	Part Number	Part Name	Qty	Remarks
1	10125763	DRUM	1	
2	12791125	ASSY. BEARING	1	
2a	338947	O-RING OR NBR70 Ø40XØ2	2	
2b	11380649	RETAINING RING	1	
2c	343715	RING V-RING V-85A VITON	1	
2d	333153	SPONGEABLE SEAT SPACER	1	
2e	11379922	V-RING PLATE	1	
2f	11379807	OUTER DRUM SPACER	1	
2g	338913	SEAL BA ø125xø100x12 NBR70	1	
2h	305789	BALL BEARING Ø40xØ80x18	1	
2i	172072	BALL BEARING Ø30xØ62x16	1	
2j	10398444	SPACER	1	
2k	332304	Ø10 ELBOW	1	
3	10962470	BEARING HOUSING	1	
4	10398352	ROTATION DETECTOR	1	
5	321638	DRUM PULLEY	1	
6	10054153	NON-CONDUCTIVE RIBBED BELT L1439	1	



Item No.	Part Number	Part Name	Qty	Remarks
7	406421	WASHER $\varnothing 57 \times \varnothing 11 \times 4$ TRIVALENT	1	
8	149799	GROWER WASHER DIN 127 M10 TRIVALENT	1	
9	146506	HEX SCREW DIN-933 8,8 M10x30 TRIVALENT	1	
10	12419701	MINI SWITCH BRACKET	1	
11	10004273	ALLEN SCREW DIN-912 8,8 M3x20 TRIVALENT	2	
12	10088490	INDUCTIVE SENSOR	1	(B3)
13	10589554	SPACING PLATE	2	
14	152132	WASHER DIN 125B M3 A2	2	
15	129692	SELF-LOCKING NUT DIN-985 8 M3 TRIVALENT	2	
16	140434	CABLE TIE 2.5x101 NATURAL	2	

Outer drum assembly

Figure 2



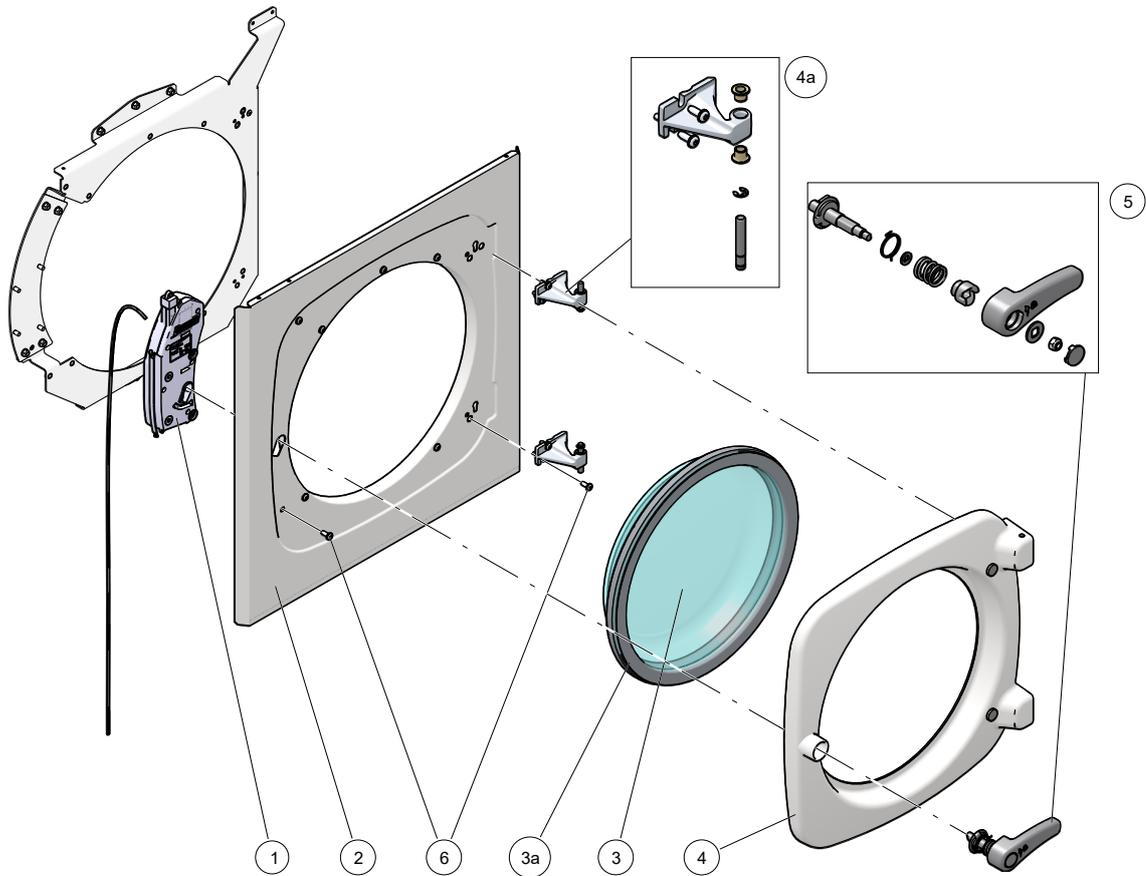
Item No.	Part Number	Part Name	Qty	Remarks
1	12746673	ASSY. BEARING BOX SCREWS	1	
2	10470128	ASSY. TEMP. SENSOR AND SHEATH LODGING	1	(B2)
3	10470136	ASSY. PRESSURE SW. BODY AND GROMMET	1	
4	10441822	ASSY. PRESSOSTAT HOSE	1	
5	10525558	MT110-55-120/2 MOTOR ASSEMBLY	1	(M1)
5a	12746681	ASSY. MOTOR BALL BEARINGS	1	
6	12746699	ASSY. AXIS MOTOR STRUCTURE	1	



Door

Door assembly

Figure 3



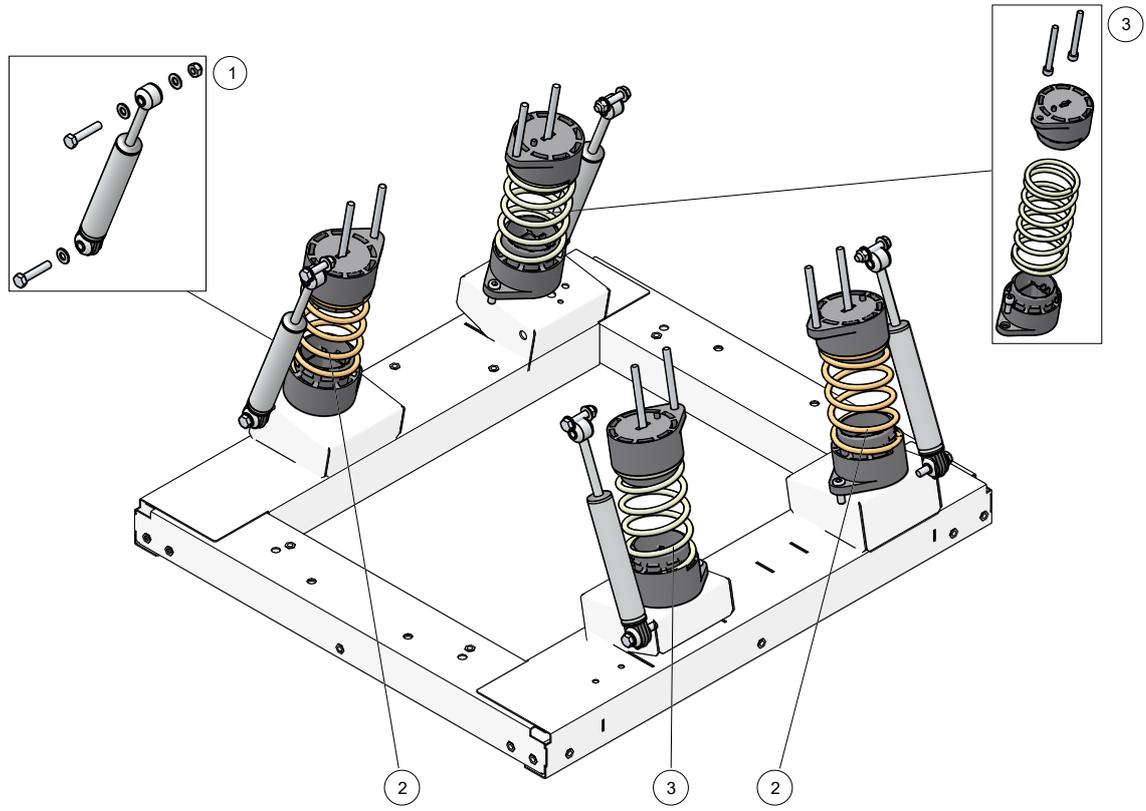
Item No.	Part Number	Part Name	Qty	Remarks
1	10469989	ASSY. LOCK AND SCREWS	1	(E3) (Includes rope)
2	11204898	ASSY. FRONT PANEL COVER AND SCREWS	1	
3	10442234	ASSY. GLASS AND GASKET	1	
3a	10630994	DOOR GASKET	1	
4	11204138	ASSY. DOOR AND HINGES	1	[For chromed door option]
4	10441939	ASSY. DOOR AND HINGES	1	[For painted door option]
4a	10442242	ASSY. HINGE	2	
5	10469955	ASSY. HANDLE DOOR	1	
6	333294	SCREW T25 AR.18ESTR.M 6X15 INOX		



Frame

Frame assembly

Figure 4



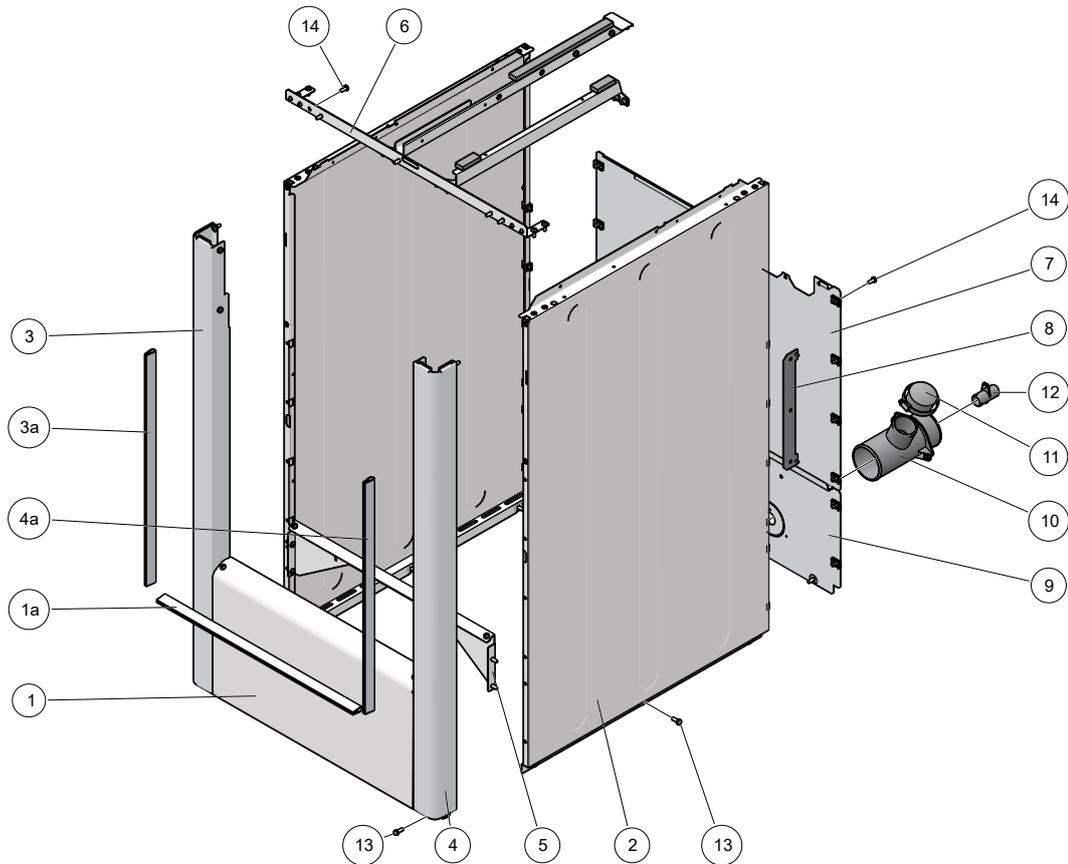
Item No.	Part Number	Part Name	Qty	Remarks
1	10532554	ASSY. DAMPER	4	
2	11125192	ASSY. LEVOROTATION SPRING	2	
3	11125184	ASSY. DEXTROROTATION SPRING	2	



Cabinet

Cover assembly

Figure 5



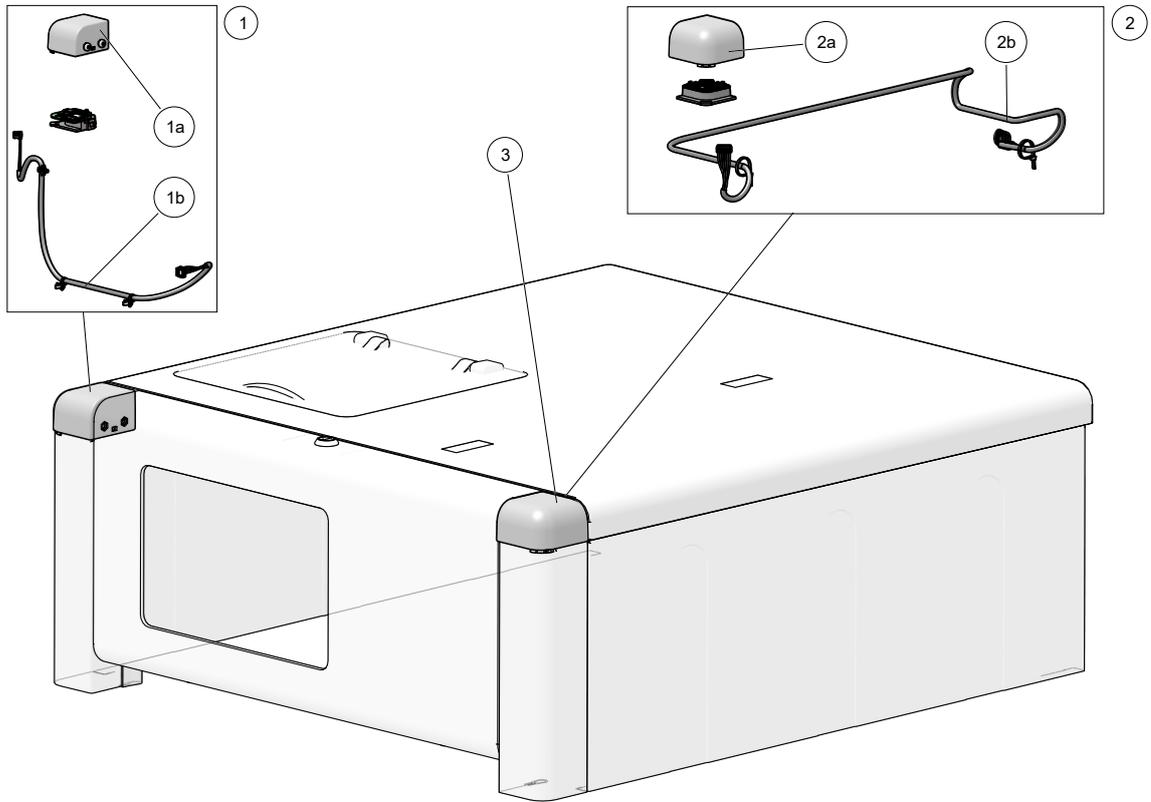
Item No.	Part Number	Part Name	Qty	Remarks
1	11131000	ASSY. FRONT PANEL COVER INOX	1	[For inox option] (Includes hardware needed)
1	11131075	ASSY. FRONT PANEL COVER TPC	1	[For pre-coated option] (Includes hardware needed)
1a	10502979	EPDM PROFILE L=548	1	
2	11130978	ASSY. SIDE COVER INOX	1	[For inox option] (Includes hardware needed)
2	11131042	ASSY. SIDE COVER TPC	1	[For pre-coated option] (Includes hardware needed)
3	11130986	ASSY. LEFT COLUMN INOX	1	[For inox option] (Includes hardware needed)
3	11131059	ASSY. LEFT COLUMN TPC	1	[For pre-coated option] (Includes hardware needed)
3a	10520955	EPDM PROFILE L=562	1	
4	11130994	ASSY. RIGHT COLUMN INOX	1	[For inox option] (Includes hardware needed)
4	11131067	ASSY. RIGHT COLUMN TPC	1	[For pre-coated option] (Includes hardware needed)
4a	10520955	EPDM PROFILE L=562	1	



Item No.	Part Number	Part Name	Qty	Remarks
5	12761623	ASSY. FRONT COVER BRACKET AND SCREWS	1	(Includes hardware needed)
6	11131034	ASSY. UPPER SUPPORTS PROFILE	1	(Includes hardware needed)
7	11131018	ASSY. UPPER REAR COVER	1	(Includes hardware needed)
8	11131026	ASSY. PROTECTION PLATE AND SCREWS	1	(Includes hardware needed)
9	11131083	ASSY. LOWER BACK COVER	1	(Includes hardware needed)
10	10136729	ASSY. DRAIN SLEEVE AND SCREWS	1	[For gravity drain option] (Includes hardware needed)
11	11131646	ASSY. ROUND OUTER CAP AND CLAMP	1	[For gravity drain option]
12	11131661	ASSY. DRAIN PUMP SLEEVE	1	[For pump drain option] (Includes hardware needed)
13	144881	HEX SCREW DIN-933 A2-70 M6x16		
14	333294	SCREW T25 AR.18ESTR.M 6X15 INOX		

Corner assembly

Figure 6



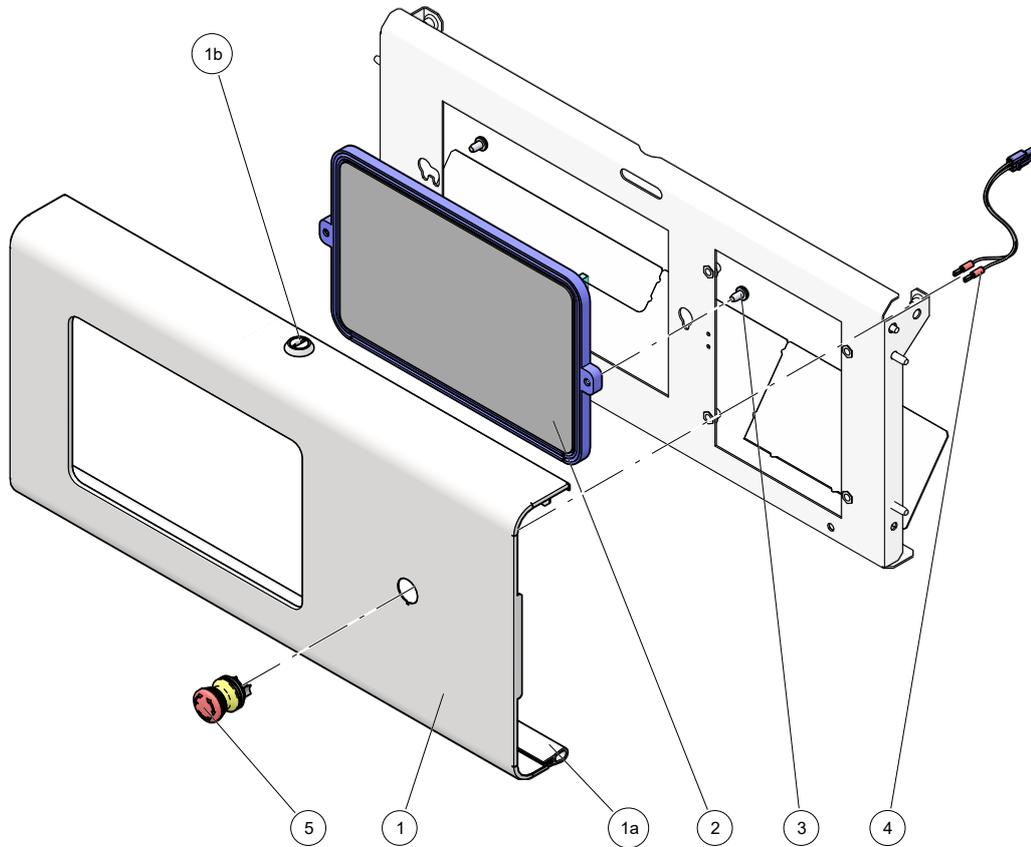
Item No.	Part Number	Part Name	Qty	Remarks
1	11297850	ASSY. SAPPHIRE CONNECT. MODULE S	1	(A7) (Includes hardware needed) (Sapphire Connectivity Board)
1a	11297835	ASSY. CORNER COVER	1	(Includes hardware needed)
1b	10443687	A1-X20 A6 ELECTRICAL WIRING	1	(HMI-1 PRO Board - Sapphire Connectivity Board)
2	11297868	ASSY. LED MODULE S	1	[For led module option] (A8) (Includes hardware needed)
2a	11297876	ASSY. LED CORNER COVER	1	[For led module option] (Includes hardware needed)
2b	10448777	A1-X25 A7 ELECTRICAL WIRING	1	[For led module option] (HMI-1 PRO Board - Led RGB corner)
3	11297835	ASSY. CORNER COVER	1	(Includes hardware needed)



Control panel

Pro Control panel assembly

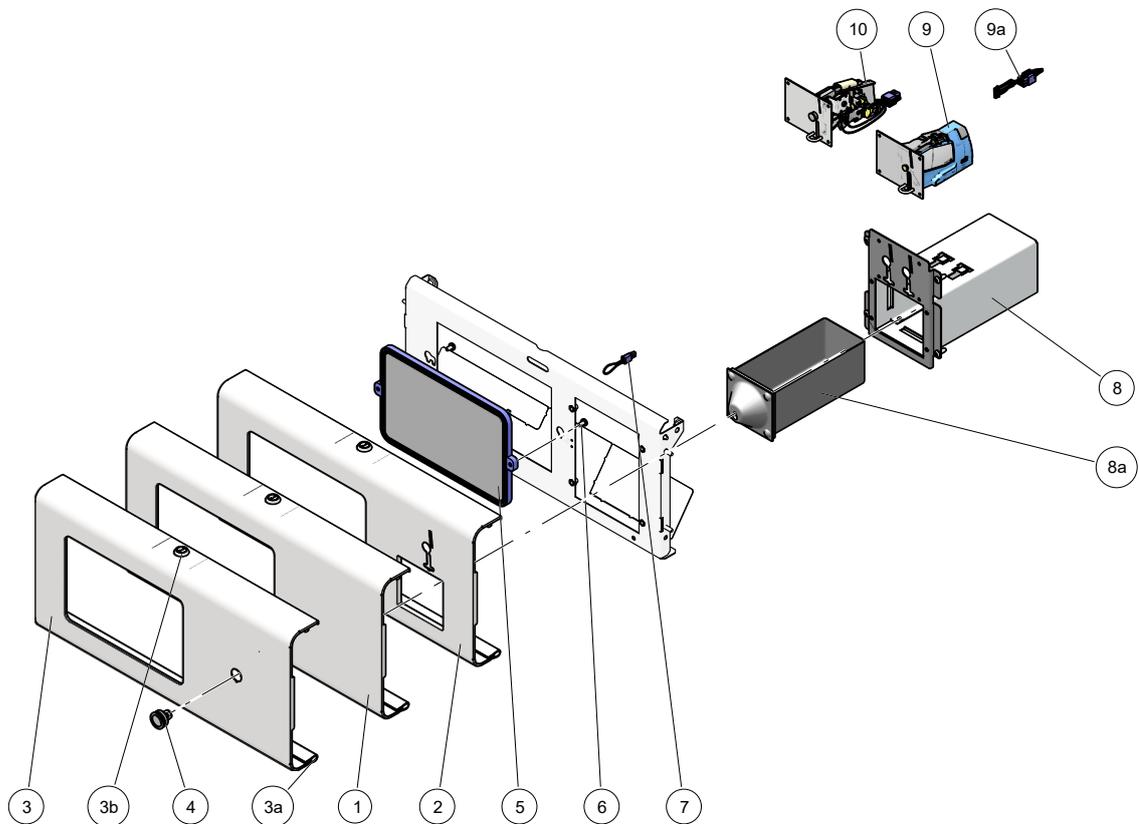
Figure 7



Item No.	Part Number	Part Name	Qty	Remarks
1	11131216	ASSY. OPL CONTROL PANEL INOX	1	[For inox option] (Includes hardware needed)
1	11131224	ASSY. OPL CONTROL PANEL TPC	1	[For pre-coated option] (Includes hardware needed)
1a	10502979	EPDM PROFILE L=548	1	
1b	196915	LOCK REF 20.00.02.05	1	
2	10042943	GS7 PANELLED	1	(A1,A2)
3	328245	PAN HEAD SCREW T25 AR.18ESTR.M 6X10	2	
4	10215044	XSB S1 ELECTRICAL WIRING	1	(XSB - Emergency stop)
5	10082816	EMERGENCY STOP	1	(S1)
	13444625	KIT EMERGENCY STOP	1	

Vended Control panel assembly

Figure 8



Item No.	Part Number	Part Name	Qty	Remarks
1	11134855	ASSY. CTRL. PANEL INOX WO COINMETER	1	[For inox option] [Without coinmeter] (Includes hardware needed)
1	11134863	ASSY. CTRL. PANEL TPC WO COINMETER	1	[For pre-coated option] [Without coinmeter] (Includes hardware needed)
1a	10502979	EPDM PROFILE L=548	1	
1b	196915	LOCK REF 20.00.02.05	1	
2	11134830	ASSY. CTRL. PANEL INOX COINMETER	1	[For inox option] [With coinmeter] (Includes hardware needed)
2	11134848	ASSY. CTRL. PANEL TPC COINMETER	1	[For pre-coated option] [With coinmeter] (Includes hardware needed)
2a	10502979	EPDM PROFILE L=548	1	
2b	196915	LOCK REF 20.00.02.05	1	
3	11131216	ASSY. OPL CONTROL PANEL INOX	1	[For inox option] [For card payment option] (Includes hardware needed)
3	11131224	ASSY. OPL CONTROL PANEL TPC	1	[For pre-coated option] [For card payment option] (Includes hardware needed)



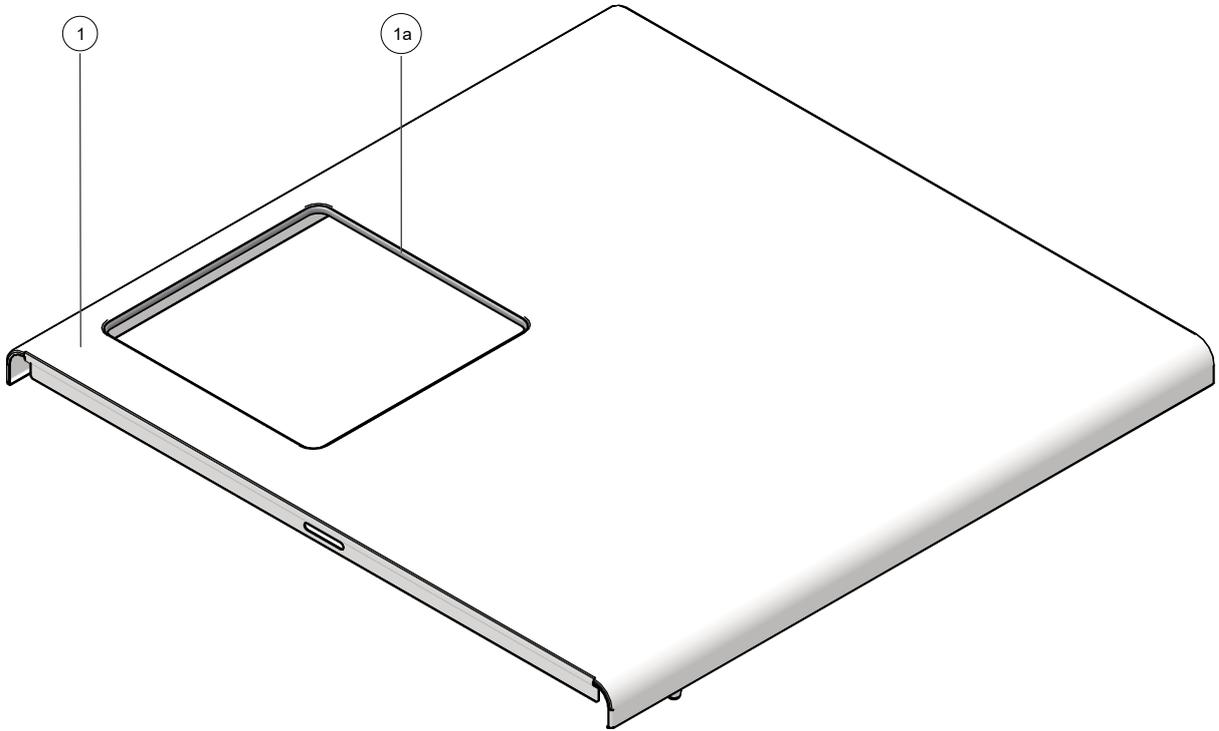
Item No.	Part Number	Part Name	Qty	Remarks
3a	10502979	EPDM PROFILE L=548	1	
3b	196915	LOCK REF 20.00.02.05	1	
4	10243046	USB DUMMY TOP	1	
5	10042943	GS7 PANELLED	1	(A1,A2)
6	328245	PAN HEAD SCREW T25 AR.18ESTR.M 6X10	2	
7	10215572	XSB ELECTRICAL WIRING	1	
8	10192664	ASSY. COIN BOX	1	
8a	591586	COIN BOX UG800C	1	
9	10222354	ASSY. ELECTR. COIN SEL. TKN 147710	1	(B7) (TKN)
9	10222586	ASSY. ELECTR. COIN SELECT. INR+TKN	1	(B7) (INR+TKN)
9	10222362	ASSY. ELECTR. COIN SELECTOR AUD	1	(B7) (AUD)
9	10222388	ASSY. ELECTR. COIN SELECTOR CAD	1	(B7) (CAD)
9	10222339	ASSY. ELECTR. COIN SELECTOR EUR	1	(B7) (EUR)
9	10222529	ASSY. ELECTR. COIN SELECTOR ILS	1	(B7) (ILS)
9	10222479	ASSY. ELECTR. COIN SELECTOR ISK	1	(B7) (ISK)
9	10222461	ASSY. ELECTR. COIN SELECTOR JPY	1	(B7) (JPY)
9	10222578	ASSY. ELECTR. COIN SELECTOR MYR	1	(B7) (MYR)
9	10222552	ASSY. ELECTR. COIN SELECTOR SGD	1	(B7) (SGD)
9	10222453	ASSY. ELECTR. COIN SELECTOR USD	1	(B7) (USD)
9a	10431864	B7 - XCB ELECTRICAL WIRING	1	(Electr. coin selector - XCB)
10	10222602	ASSY. COIN METER 0.25USD	1	(B6) (0.25USD)
10	10222610	ASSY. COIN METER 10NTD	1	(B6) (10NTD)
10	10222628	ASSY. COIN METER 500KRW	1	(B6) (500KRW)



Upper cover

Upper cover assembly

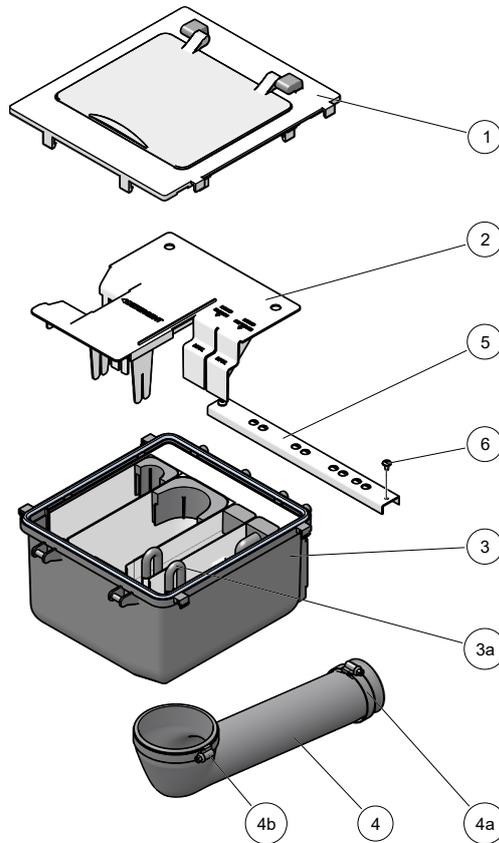
Figure 9



Item No.	Part Number	Part Name	Qty	Remarks
1	10918449	TOP COVER	1	[For pre-coated option]
1	10942910	TOP COVER	1	[For inox option]
1a	165472	EPDM PROFILE	1	

Dispenser assembly

Figure 10



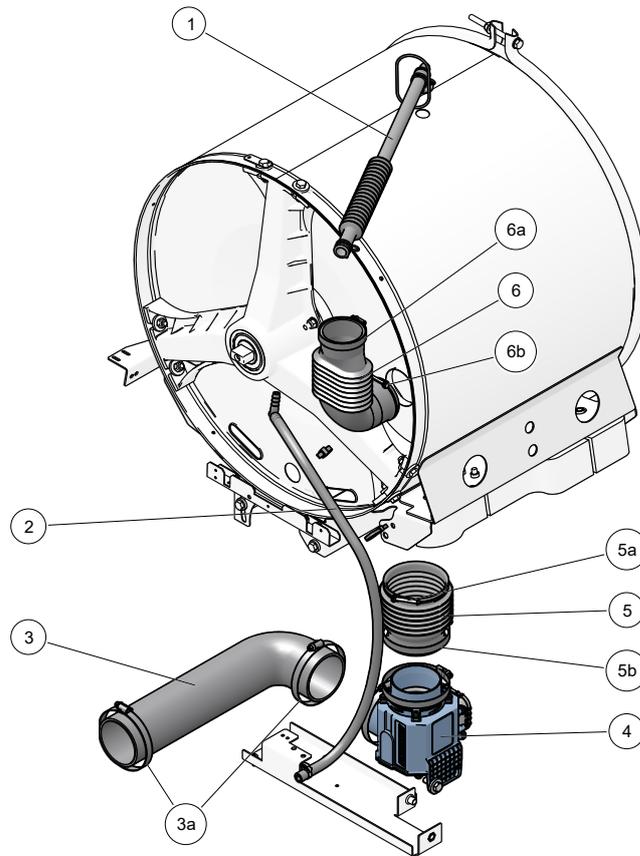
Item No.	Part Number	Part Name	Qty	Remarks
1	11199361	ASSY. DISPENSER COVER 3 BOX	1	[For 3 box option]
1	11199353	ASSY. DISPENSER COVER 4 BOX	1	[For 4 box option]
2	344101	SOAP DOSING INSERT	1	[For 3 box option] (For vended USA)
3	511584	DISPENSER ASSEMBLY	1	
3a	339598	ASPIRATION HOSE	2	
4	12746996	ASSY. DISPENSER ELBOW AND HOSES	1	
4a	132290	HOSE CLAMP W2 Ø50-70	1	
4b	132340	HOSE CLAMP W2 Ø80-100	1	
5	10958817	SECURING PROFILE	1	
6	183400	PLATE SCREW M4x12 T25	2	



Drain

Gravity drain assembly

Figure 11



Item No.	Part Number	Part Name	Qty	Remarks
1	10136901	ASSY. VAPOUR HOSE AND CLAMPS	1	
2	12747101	ASSY. BEARING BOX HOSE AND CLAMPS	1	
3	12747119	ASSY. DRAIN HOSE AND CLAMPS	1	
3a	132340	HOSE CLAMP W2 Ø80-100	2	
4	10222321	ASSY. DRAIN AND CLAMPS	1	(M3) (Includes hardware needed)
4a	132340	HOSE CLAMP W2 Ø80-100	2	
5	11135217	ASSY. DRAIN BELLOWS AND CLAMPS	1	
5a	323220	WIRE HOSE CLAMP Ø103xØ95	1	
5b	132340	HOSE CLAMP W2 Ø80-100	2	
6	12772083	ASSY. OUTER-DRUM COLLECTOR BELLOWS	1	
6a	132290	HOSE CLAMP W2 Ø50-70	1	
6b	338905	WIRE HOSE CLAMP Ø70xØ60	1	



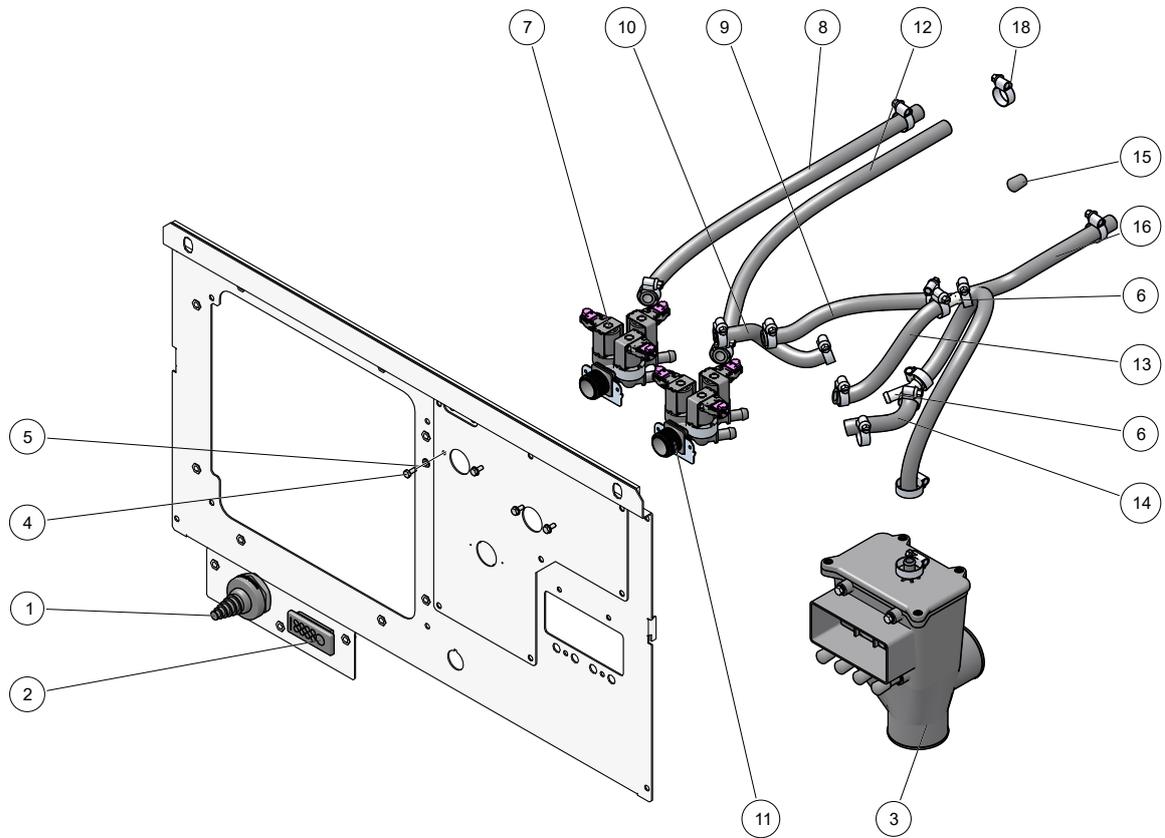
Item No.	Part Number	Part Name	Qty	Remarks
7	12751947	ASSY. PUMP ELECTR. INST. E	1	[For electr. heating option] (F2) (KA3)
8	12751970	ASSY. PUMP ELECTR. INST. H	1	[For hot water option] (F2) (KA3)



Rear panel

Rear panel assembly, top dispenser, 3 compartments

Figure 13



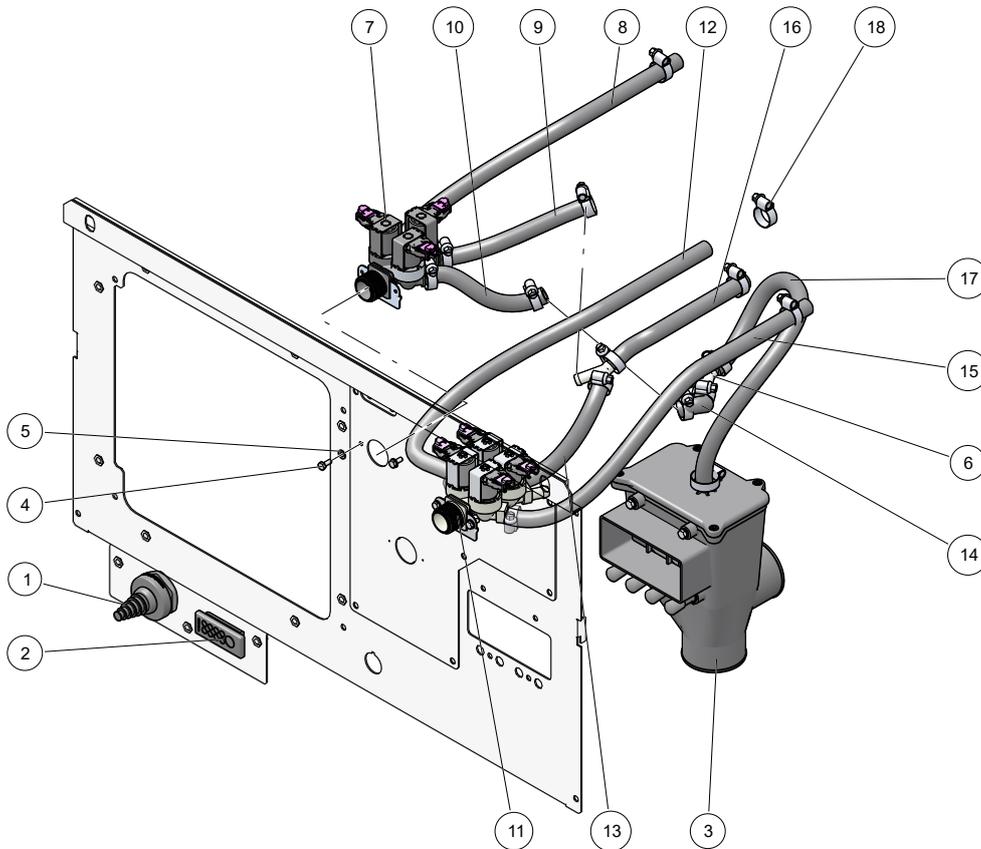
Item No.	Part Number	Part Name	Qty	Remarks
1	10492676	PYRAMID M32 CABLE ENTRY	1	
2	10497642	MEMBRANA ENTRADA CABLE 46x18	1	
3	12753489	ASSY. DISTRIBUTOR	1	
4	144832	HEX SCREW DIN-933 A2-70 M4x10	4	
5	149328	WASHER DIN 125B M4 A2	4	
6	152165	BRANCH	2	
7	10136349	3-WAY SOLENOID VALVE	1	(Y2,Y6,Y8)
7a	510933	REGULATOR 4L/MIN (LIGHT RED)	1	
7b	156257	REGULATOR 8L/MIN (RED)	1	
8	12745410	ASSY. WATER INLET HOSE AND CLAMPS	1	
9	10445708	ASSY. WATER INLET HOSE AND CLAMPS	1	
10	12745386	ASSY. WATER INLET HOSE AND CLAMPS	1	
11	11335312	3-WAY SOLENOID VALVE	1	(Y1,Y5,Y7)
11a	156265	REGULATOR 3L/MIN (BLACK)	1	
11b	156257	REGULATOR 8L/MIN (RED)	1	
12	10445591	ASSY. WATER INLET HOSE AND CLAMPS	1	
13	12745428	ASSY. WATER INLET HOSE AND CLAMPS	1	



Item No.	Part Number	Part Name	Qty	Remarks
14	12745386	ASSY. WATER INLET HOSE AND CLAMPS	1	
15	156679	ROUND FLEXIBLE FERRULE $\varnothing 10$	1	
16	12745402	ASSY. WATER INLET HOSE AND CLAMPS	1	
17	12745394	ASSY. WATER INLET HOSE AND CLAMPS	1	
18	155150	HOSE CLAMP W2 $\varnothing 8-16$		

Rear panel assembly, top dispenser, 4 compartments

Figure 14



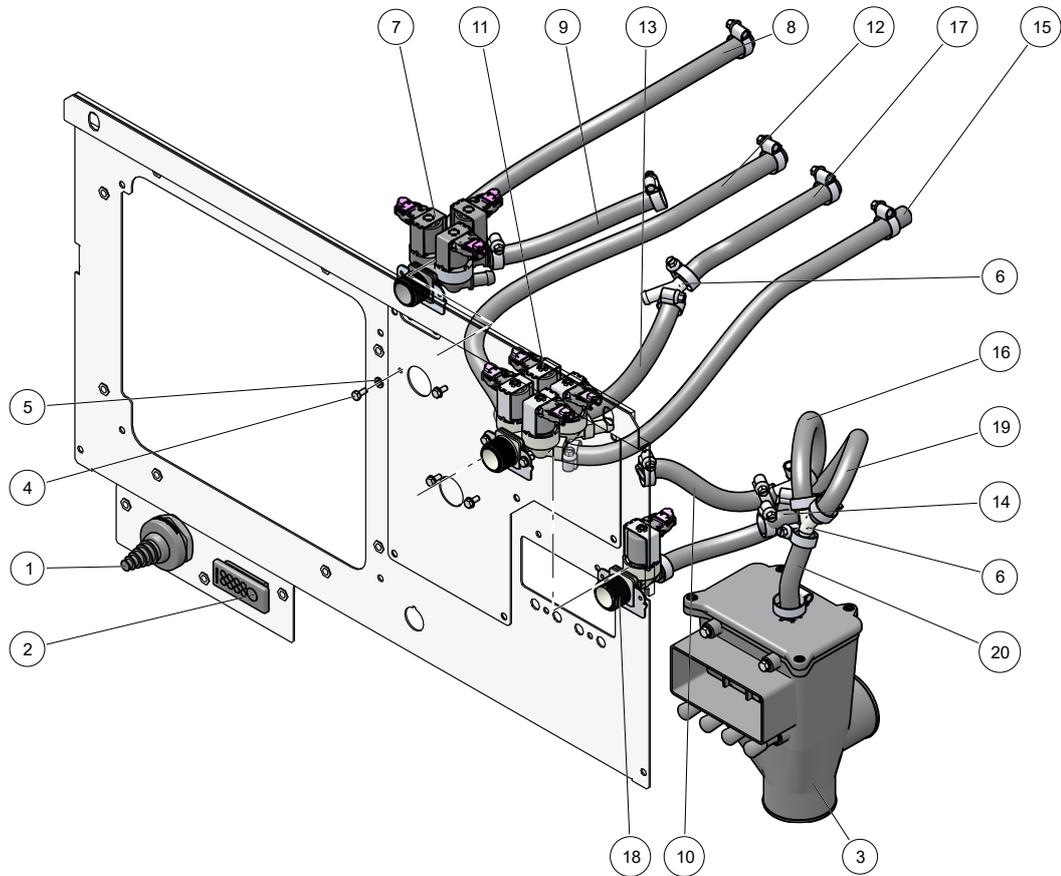
Item No.	Part Number	Part Name	Qty	Remarks
1	10492676	PYRAMID M32 CABLE ENTRY	1	
2	10497642	MEMBRANA ENTRADA CABLE 46x18	1	
3	12753489	ASSY. DISTRIBUTOR	1	
4	144832	HEX SCREW DIN-933 A2-70 M4x10	4	
5	149328	WASHER DIN 125B M4 A2	4	
6	152165	BRANCH	2	
7	11334513	3-WAY SOLENOID VALVE	1	(Y2,Y6,Y8)
7a	510933	REGULATOR 4L/MIN (LIGHT RED)	1	
8	12745410	ASSY. WATER INLET HOSE AND CLAMPS	1	
9	12745428	ASSY. WATER INLET HOSE AND CLAMPS	1	
10	12745436	ASSY. WATER INLET HOSE AND CLAMPS	1	
11	10430627	4-WAY SOLENOID VALVE	1	(Y1,Y4,Y5,Y7)
11a	156265	REGULATOR 3L/MIN (BLACK)	1	
12	10445815	ASSY. WATER INLET HOSE AND CLAMPS	1	
13	12745428	ASSY. WATER INLET HOSE AND CLAMPS	1	
14	12745428	ASSY. WATER INLET HOSE AND CLAMPS	1	
15	10445591	ASSY. WATER INLET HOSE AND CLAMPS	1	



Item No.	Part Number	Part Name	Qty	Remarks
16	10264091	ASSY. WATER INLET HOSE AND CLAMPS	1	
17	12745394	ASSY. WATER INLET HOSE AND CLAMPS	1	
18	155150	HOSE CLAMP W2 Ø8-16		

Rear panel assembly, top dispenser, 4 compartments, 3 water inlets

Figure 15



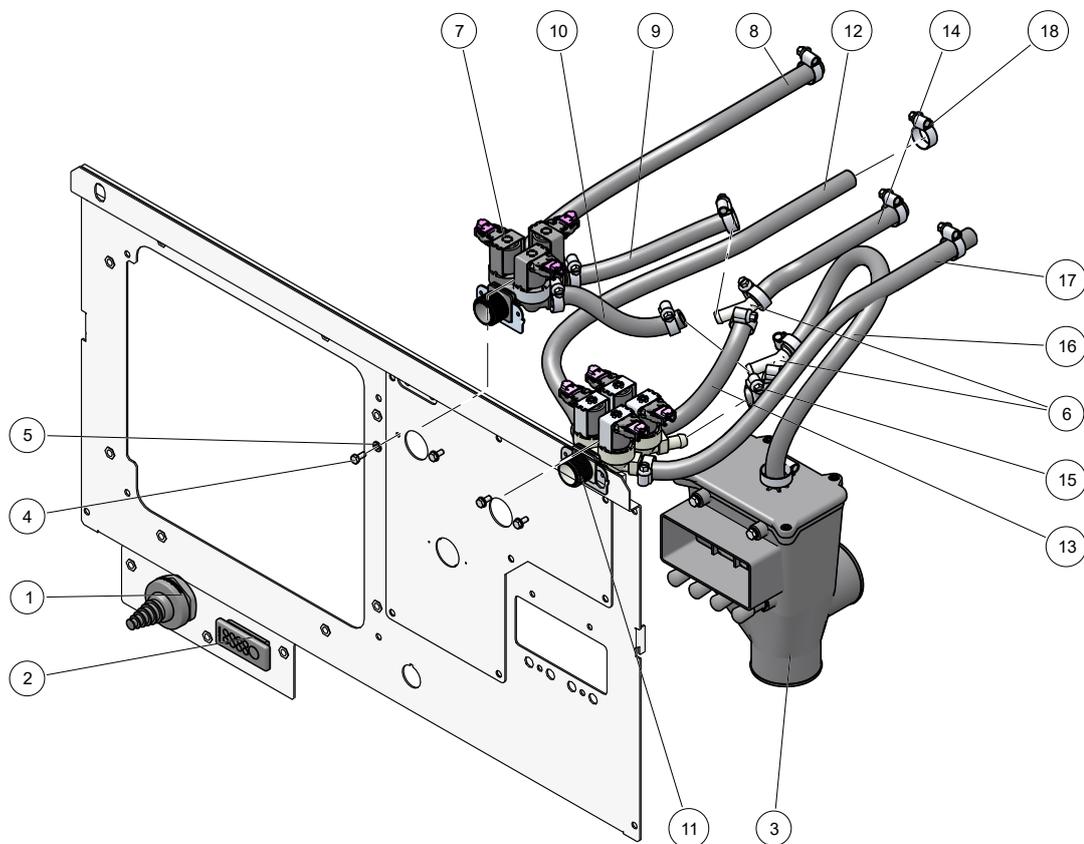
Item No.	Part Number	Part Name	Qty	Remarks
1	10492676	PYRAMID M32 CABLE ENTRY	1	
2	10497642	MEMBRANA ENTRADA CABLE 46x18	1	
3	12753489	ASSY. DISTRIBUTOR	1	
4	144832	HEX SCREW DIN-933 A2-70 M4x10	6	
5	149328	WASHER DIN 125B M4 A2	6	
6	152165	BRANCH	3	
7	11334513	3-WAY SOLENOID VALVE	1	(Y2,Y6,Y8)
7a	510933	REGULATOR 4L/MIN (LIGHT RED)	1	
8	12745410	ASSY. WATER INLET HOSE AND CLAMPS	1	
9	12745428	ASSY. WATER INLET HOSE AND CLAMPS	1	
10	12745436	ASSY. WATER INLET HOSE AND CLAMPS	1	
11	10430627	4-WAY SOLENOID VALVE	1	(Y1,Y4,Y5,Y7)
11a	156265	REGULATOR 3L/MIN (BLACK)	1	
12	10445815	ASSY. WATER INLET HOSE AND CLAMPS	1	
13	12745428	ASSY. WATER INLET HOSE AND CLAMPS	1	
14	12745386	ASSY. WATER INLET HOSE AND CLAMPS	1	



Item No.	Part Number	Part Name	Qty	Remarks
15	10445591	ASSY. WATER INLET HOSE AND CLAMPS	1	
16	10264091	ASSY. WATER INLET HOSE AND CLAMPS	1	
17	10264091	ASSY. WATER INLET HOSE AND CLAMPS	1	
18	10268597	SOLENOID VALVE 1 WAY 3/4"	1	(Y3)
19	12753463	ASSY. WATER INLET HOSE AND CLAMPS	1	
20	12753455	ASSY. WATER INLET HOSE AND CLAMPS	1	
21	155150	HOSE CLAMP W2 Ø8-16		

Rear panel assembly, top dispenser, 4 compartments (WRAS)

Figure 16



Item No.	Part Number	Part Name	Qty	Remarks
1	10492676	PYRAMID M32 CABLE ENTRY	1	
2	10497642	MEMBRANA ENTRADA CABLE 46x18	1	
3	12753489	ASSY. DISTRIBUTOR	1	
4	144832	HEX SCREW DIN-933 A2-70 M4x10	4	
5	149328	WASHER DIN 125B M4 A2	4	
6	152165	BRANCH	2	
7	11334513	3-WAY SOLENOID VALVE	1	(Y2,Y6,Y8)
7a	510933	REGULATOR 4L/MIN (LIGHT RED)	1	
8	12745410	ASSY. WATER INLET HOSE AND CLAMPS	1	
9	12745428	ASSY. WATER INLET HOSE AND CLAMPS	1	
10	12745436	ASSY. WATER INLET HOSE AND CLAMPS	1	
11	10430627	4-WAY SOLENOID VALVE	1	(Y1,Y4,Y5,Y7)
11a	156265	REGULATOR 3L/MIN (BLACK)	1	
12	10445815	ASSY. WATER INLET HOSE AND CLAMPS	1	
13	12745428	ASSY. WATER INLET HOSE AND CLAMPS	1	
14	10264091	ASSY. WATER INLET HOSE AND CLAMPS	1	



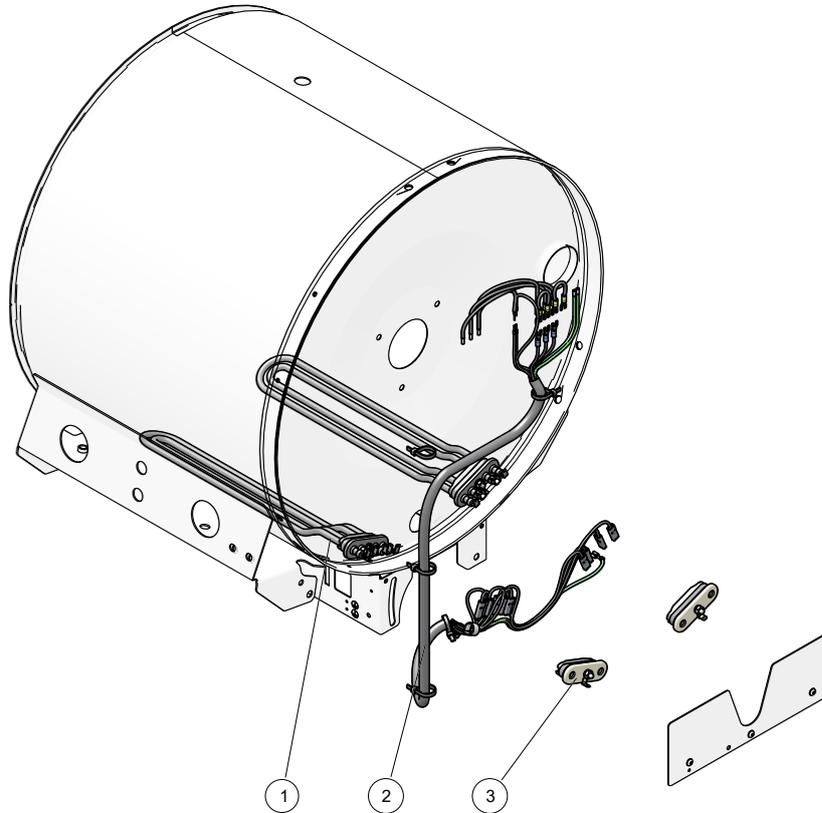
Item No.	Part Number	Part Name	Qty	Remarks
15	12745428	ASSY. WATER INLET HOSE AND CLAMPS	1	
16	12745394	ASSY. WATER INLET HOSE AND CLAMPS	1	
17	10445591	ASSY. WATER INLET HOSE AND CLAMPS	1	
18	155150	HOSE CLAMP W2 Ø8-16		



Heating

Electric heating assembly

Figure 17



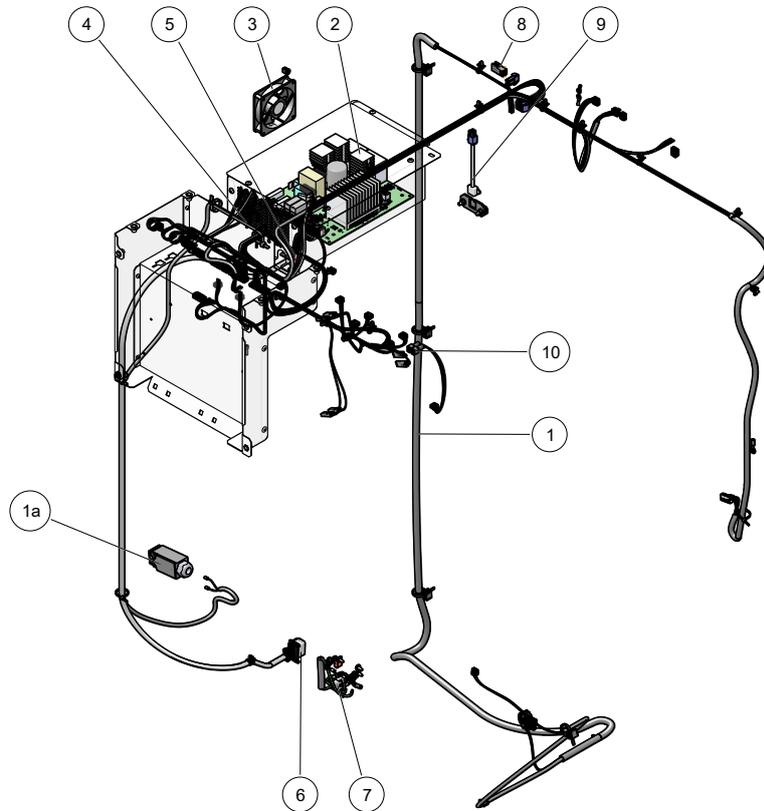
Item No.	Part Number	Part Name	Qty	Remarks
1	332569	HEATER 240V 2000/1000W	2	(R1,R2,R3,R4,R4a,R5,R5a)
2	12527917	ASSY. ELECTR HEATING WIRING	1	
3	121962	HEATER INLET LID	2	[For hot water option]
	13280318	KIT E.H. 1PH 4KW 200-240V ETL 7009	1	
	13280300	KIT E.H. 1PH 4KW 200-240V HS-7009	1	
	13280334	KIT E.H. 1PH 6KW 200-240V ETL 7009	1	
	13280326	KIT E.H. 1PH 6KW 200-240V HS-7009	1	
	13280284	KIT E.H. 3PH 200-240V ETL HS-7009	1	
	13280276	KIT E.H. 3PH 200-240V HS-7009	1	
	13280292	KIT E.H. 3PH 380-415V HS-7009	1	



Electrical wiring

General electrical assembly

Figure 18



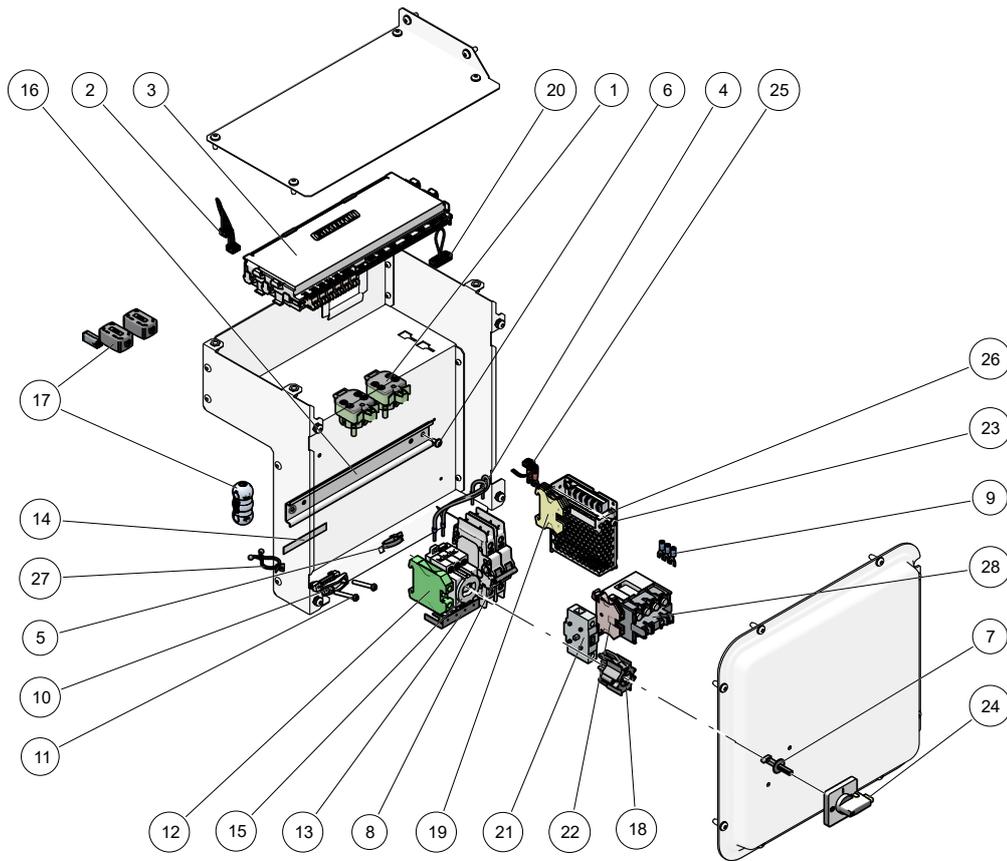
Item No.	Part Number	Part Name	Qty	Remarks
1	10961787	ELECTRICAL WIRING	1	(General harness)
1a	10347516	ASSY. UNBALANCE DETECTOR	1	(S2)
1b	10247104	A1-X6 A5-X29 ELECTRICAL WIRING	1	(HMI-1 PRO Board - EM-1 Board)
1c	10228245	A4-X10 U1-X4 ELECTRICAL WIRING	1	(IO-W1 Board - Frequency inverter)
1d	10246452	A4-X11 U1-X5 ELECTRICAL WIRING	1	(IO-W1 Board - Frequency inverter)
1e	10179083	A4-X12 E3 ELECTRICAL WIRING	1	(IO-W1 Board - Door lock)
1f	10486322	A4-X13 Y1 Y2 ELECTRICAL WIRING	1	(IO-W1 Board - Water input solenoid)
1g	10229474	A4-X14 Y3 ELECTRICAL WIRING	1	(IO-W1 Board - Water input solenoid)
1h	10000974	A4-X16 B4 B5 ELECTRICAL WIRING	1	(IO-W1 Board - Water level detector)
1i	10456697	A4-X17 A1-X1 ELECTRICAL WIRING	1	(IO-W1 Board - HMI-1 PRO Board)
1j	10248466	A4-X17 B3 ELECTRICAL WIRING	1	(IO-W1 Board - Rotation sensor)
1k	10888956	A4-X20 Y4-8 ELECTRICAL WIRING	1	(IO-W1 Board - Dispenser solenoid valve)



Item No.	Part Number	Part Name	Qty	Remarks
1l	10168946	A4-X23 XCA ELECTRICAL WIRING	1	(IO-W1 Board - Electr. coin selector)
1m	10212140	A4-X9 S1 ELECTRICAL WIRING	1	(IO-W1 Board - Emergency stop)
1n	10965762	A4-X22 M3 B2 S2 ELECTRICAL WIRING	1	(IO-W1 Board - Drain motor, temperatura sensor, unbalance switch)
1o	10246619	U1-X3B A1-X3 ELECTRICAL WIRING	1	(Frequency inverter - HMI-1 PRO Board)
2	10889640	E08 INVERTER SR	1	(U1)
2a	12763843	FUSE F 6.3x32 12A	2	
3	10383685	FAN ELECTRICAL WIRING	1	(M2)
4	352237	TORSION CLAMP 20MM	1	
5	350694	ALUMINIUM CLAMP AL4	1	
6	10166791	MOTOR ELECTRICAL WIRING	1	(Frequency inverter - Motor)
7	10633774	UNLOADING RESISTOR	1	(R6)
8	11070844	A1-X8 B1 ELECTRICAL WIRING	1	(HMI-1 PRO Board - Accelerometer)
9	10241917	-	1	(B1)
10	10085868	ELECTRICAL WIRING	2	

Electrical junction box assembly

Figure 19



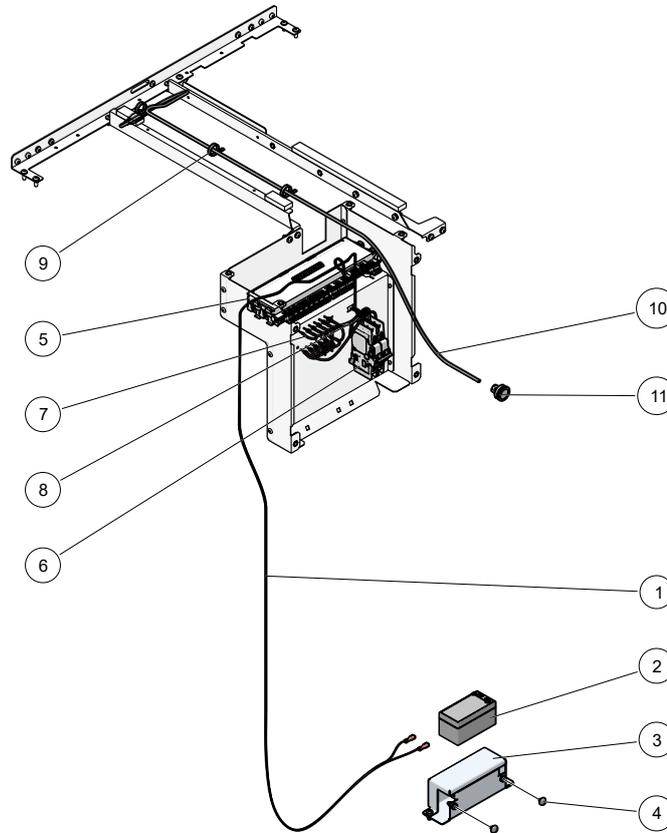
Item No.	Part Number	Part Name	Qty	Remarks
1	10240521	PRESSURE SENSOR	2	(B4,B5)
2	10485563	A4-X8 A5-X1 ELECTRICAL WIRING	1	(IO-W1 Board - EM-1 Board)
3	647164	IO-W1 BOARD	1	(A4)
4	10713618	Q1 F1-2 ELECTRICAL WIRING	1	(Breaker switch - Control circuit breaker, Drain pump circuit breaker)
5	140525	CABLE TIE 4.8x188 BLACK	1	
6	183400	PLATE SCREW M4x12 T25	2	
7	10198604	INTERLOCK SHAFT 44	1	[For hot water option]
7	10198653	INTERLOCK SHAFT 52 METAL	1	[For electr. heating option]
8	10960193	AUTOMATIC SWITCH 10A CURVE D 2 POLES	1	[120V] (F1) (ETL)
8	10468320	AUTOMATIC SWITCH 6A CURVE D 2 POLES	1	(F1) (ETL)
8	10018158	AUTOMATIC SWITCH 6A CURVE D 2 POLES	1	(F1) (Not ETL)
9	10374965	F1-2 A3 ELECTRICAL WIRING	1	(Control circuit breaker, Drain pump circuit breaker - Control power supply 12VDC)



Item No.	Part Number	Part Name	Qty	Remarks
10	10307452	HOSE RETAINING FLANGE	1	
11	10314540	PLASTIC SELF SCREW 4x35	2	
12	312322	GROUND TERMINAL WPE 16	1	
13	10390862	TERMINAL COVER 16A 3P	1	[For hot water option]
13	10392520	TERMINAL COVER 32A 3P	1	[For electr. heating option] [200-240V]
13	10392835	TERMINAL COVER 32A 4P	1	[For electr. heating option] [380-415V]
14	340992	CONNECTING TERMINAL PLATE	1	[1PH]
14	411215	CONNECTION TERMINAL PLATE	1	[3PH] [380-415V]
14	321265	CONNECTION TERMINAL PLATE	1	[3PH] [200-240V]
15	10101442	SECTION SWITCH 16A	1	[For hot water option] (Q1)
15	10118776	SECTION SWITCH 32A	1	[For electr. heating option] (Q1)
16	245571	CONTACTORS FIXATION PROFILE	1	
17	10569952	F1-2 U1-X1 ELECTRICAL WIRING	1	(Control circuit breaker, Drain pump circuit breaker - Frequency inverter)
18	10248870	SHAFT EXTENSION	1	[For hot water option]
19	312280	GROUND TERMINAL WPE 4	2	
20	10177533	A4-X18 ELECTRICAL WIRING	1	
21	10239390	ADDITIONAL NEUTRAL POLE 32 A	1	[380-415V]
22	312298	TERMINAL WDU 6 BEIGE	1	[For electr. heating option]
23	183400	PLATE SCREW M4x12 T25	2	
24	10095610	SWITCH HANDLE	1	
25	10889798	A4-X26 A3 ELECTRICAL WIRING	1	(IO-W1 Board - Control power supply 12VDC)
26	647198	POWER SUPPLY 85-264VAC /12VDC 50W	1	(A3)
27	352237	TORSION CLAMP 20MM	1	
28	357921	RELAY 3PH 12V DC	1	[For electr. heating option] (KM1)

Auxiliary electrical assembly

Figure 20



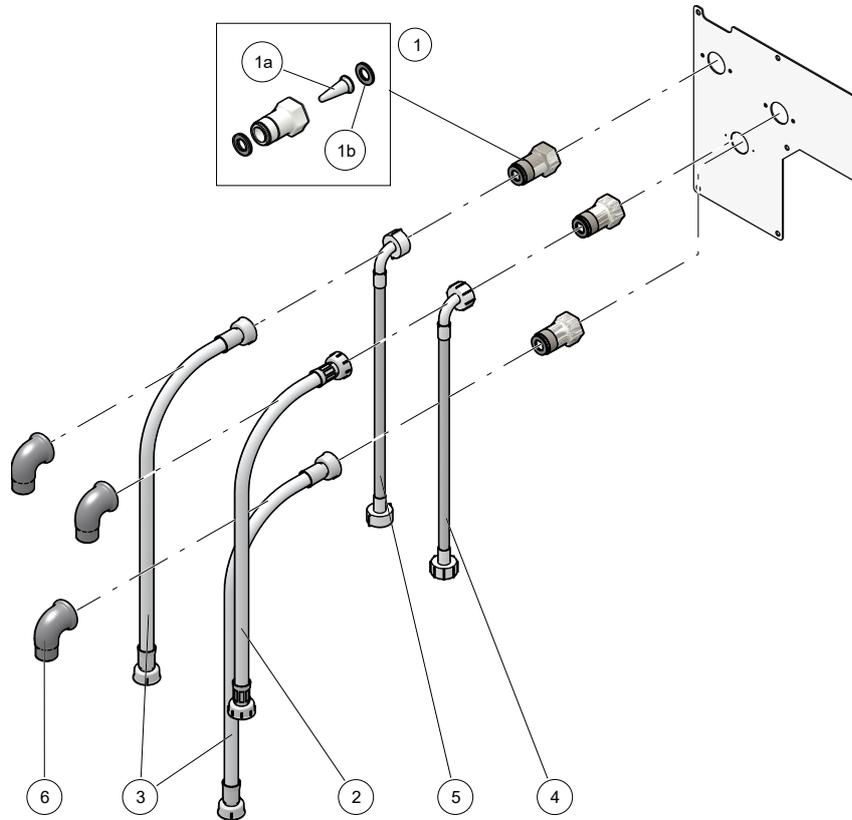
Item No.	Part Number	Part Name	Qty	Remarks
1	10233245	A4-X27 G1 ELECTRICAL WIRING	1	[For battery option] (IO-W1 Board - Battery)
2	647206	BATTERY 12V 1.2Ah	1	[For battery option] (G1)
3	10347490	ASSY. BATTERY BOX	1	[For battery option] (Includes hardware needed)
4	539734	SIDE END-STOP	2	[For not battery option]
5	647172	EM-1 BOARD	1	[For EB EM1 option] (A5)
6	10194462	AUTOMATIC SWITCH 0,5A CURVE D 2 POLES	1	[For ext. dos. supply option]
7	10162485	A4 X1-X6 A5 X7-X12 ELECTRICAL WIRING	1	[For ext. dos. supply option] (IO-W1 Board - EM-1 Board)
8	11437472	F2 - F3 ELECTRICAL WIRING	1	[For ext. dos. supply option]
9	140525	CABLE TIE 4.8x188 BLACK	3	[For USB option]
10	10534758	2M PANEL MOUNT USB	1	[For USB option] (E1)
11	10243046	USB DUMMY TOP	1	[For not USB option]



Additional parts

Water inlet hoses assembly

Figure 21



Item No.	Part Number	Part Name	Qty	Remarks
1	11004967	ASSY. WATER INLET PIPE FILTER	2/3	[For 2/3 water inputs option]
1	11004975	ASSY. WATER INLET PIPE FILTER USA	2/3	[For 2/3 water inputs option] (ETL)
1a	315614	CONICAL FILTER REF 4008-2-1	1	
1b	114348	GASKET MIFLEX $\varnothing 24 \times \varnothing 13.5 \times 2$	2	
2	11004983	ASSY. WATER INLET AF	1	(Includes x2 gaskets 114348)
3	11004991	ASSY. WATER INLET AC	1/2	[For 2/3 water inputs option] (Includes x2 gaskets 114348)
4	11005006	ASSY. WATER INLET AF WRAS	1	(Includes x2 gaskets 114348) (WRAS)
5	11005014	ASSY. WATER INLET AC WRAS	1	(Includes x2 gaskets 114348) (WRAS)
6	129502	ELBOW FIG. 92 3/4" GALV.	1	[For 2/3 water inputs option] (Output 90°)