SINCE 1977

R00

Explosion Drawing
Desenho de Explosão

ASTROLAB 2 MB

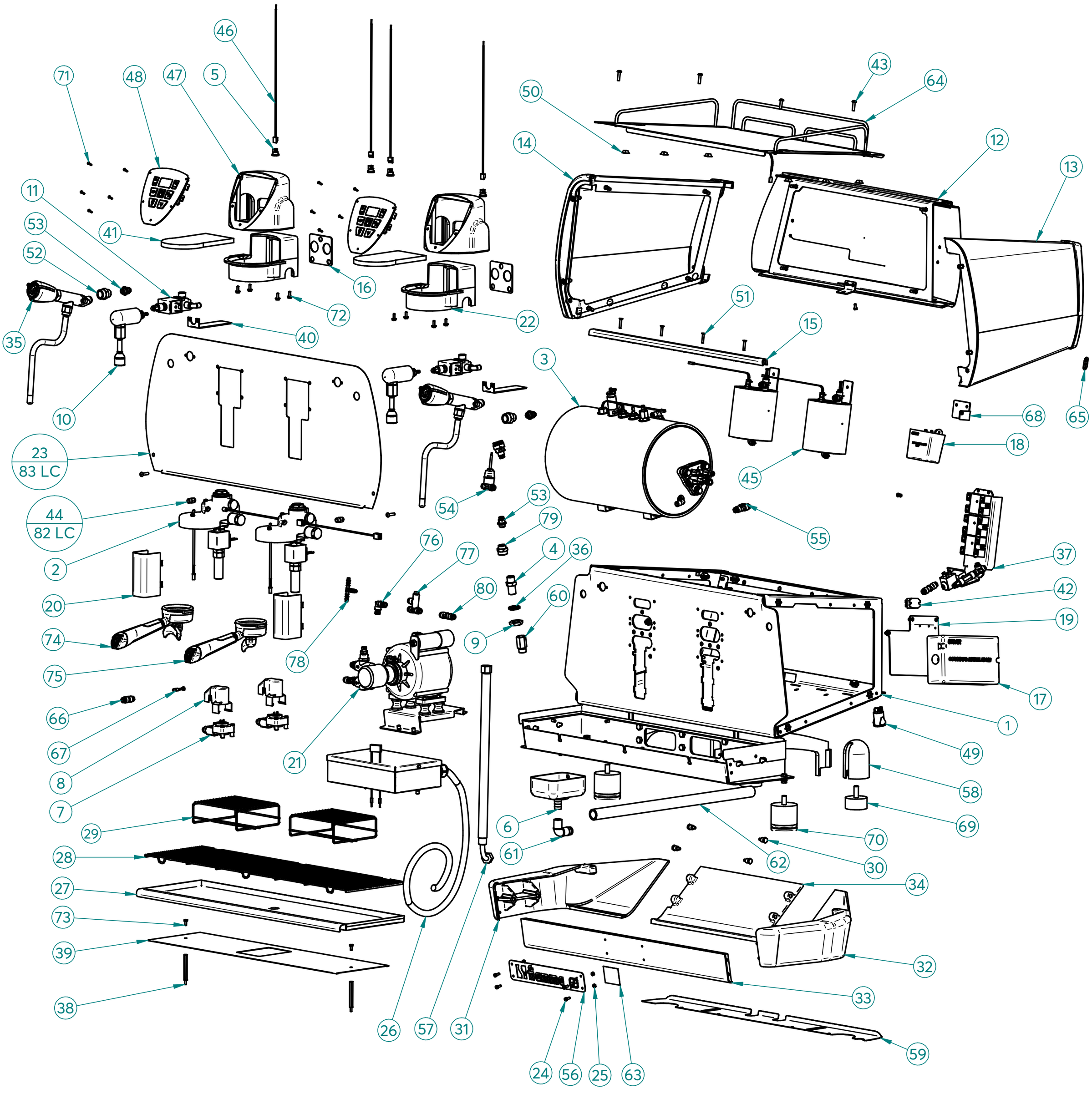
ESPRESSO COFFEE MACHINE • MÁQUINA CAFÉ ESPRESSO

ASTROLAB 2 MB TC STAINLESS STEEL / BLACK - 2.0.037.0010
ASTROLAB 2 MB STAINLESS STEEL / BLACK - 2.0.037.0015

This drawing may be altered without previous notice.
Os elementos deste desenho podem ser alterados sem aviso prévio.

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB



LEGENDA:
LC - Low Cups

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

LISTA DE COMPONENTES E ACESSÓRIOS

Spare parts list

ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	PRE-MONTAGEM	PM-CHASSI CONJ. ASTROLAB 2	PM-OUTER CASING ASS. ASTROLAB 2	1
2	7.0.037.0134	GRUPO CONJ. ASTROLAB MB	GROUP ASSEMB. ASTROLAB	2
3	PRE-MONTAGEM 1	PM-CALDEIRA 10,5LT MB C/ ACESSORIOS CONJ.	10,5LT MB BOILER W/ ACESS. ASS.	1
4	4.0.000.0043	RACORD G3/8-G3/8 (FILTRO ENT. AGUA)	RACORD G3/8-G3/8 (WATER INLET FILTER)	1
5	4.0.007.0040	LED BRANCO Ø16MM 0,36W 12V	WHITE LED LIGHT ø16MM 0,36W 12V	4
6	4.0.000.0840	DEPOSITO ESGOTO PLASTICO	DRAIN TRAY	1
7	PRE-MONTAGEM 2	CONTADOR VOLUMETRICO CONJ. COMPASS MB	VOLUMETRIC COUNTER ASS. COMPASS MB	2
8	5.0.000.1013	BLINDAGEM CONTADOR VOLUMETRICO	SHIELD VOLUMETRIC DOSER	2
9	4.0.160.0063	PORCA G3/8 LATAO NIQ. (SEXT. 27MM)	NIQ. NUT G3/8 (27MM)	1
10	7.0.037.0105	TORNEIRA AGUA CONJ. ASTROLAB	WATER TAP ASSEMB. ASTROLAB	2
11	7.0.037.0126	ELECTROVALVULA MISTURADORA CONJ. ASTROLAB	MIX SOLENOID VALVE ASSEMB. ASTROLAB	2
12	PRE-MONTAGEM 3	PM-PAINEL POSTERIOR CONJ. ASTROLAB 2	PM-REAR PANEL ASSEMB. ASTROLAB 2	1
13	PRE-MONTAGEM 4	PM-PAINEL LATERAL DIR. CONJ. ASTROLAB	PM-RIGHT SIDE PANEL ASS. ASTOLAB	1
14	PRE-MONTAGEM 5	PM-PAINEL LATERAL ESQ. CONJ ASTROLAB	PM-LEFT SIDE PANEL ASS. ASTOLAB	1
15	4.0.037.0028	FRONTAL SUPERIOR ASTROLAB 2	UPPER FRONT ASTROLAB 2	1
16	4.0.028.0002	JUNTA GRUPO ECC-07	ECC-07 GROUP GASKET	2
17	4.0.000.0883	UNIDADE ELECTRONICA CONCERTO ASTROLAB MB	CONCERTO ASTROLAB MB ELECTRONIC UNIT	1
18	4.0.000.0885	FONTE ALIMENTAÇAO 100-240VAC/24VDC-20W	100-240VAC/24VDC-20W POWER SUPPLY	1
19	7.0.037.0056	SUPORTE UNIDADE ELECT. CONCERTO ASTROLAB	CONTROL BOX SUPPORT ASTROLAB	1
20	4.0.037.0010	BLINDAGEM ELECTROVALVULA GRUPO ASTROLAB	ASTROLAB GROUP SOLENOID COVER	2
21	PRE-MONTAGEM 9	PM-MOTOR RPM CONJ. ASTROLAB MB	PM-MOTOR RPM OUTDOOR ASS. ASTROLAB	1
22	7.0.037.0009	BLINDAGEM INFERIOR GRUPO ASTROLAB MB	ASTROLAB GROUP INFERIOR COVER	2
23	7.0.037.0040	PAINEL FRONTAL ASTROLAB 2 TC	FRONT PANEL ASTROLAB 2 TC	1
24	5.0.000.0575	PARAF. UMBRACO M4X10 INOX DIN912	M4X10 INOX DIN912 UMBRACO SCREW	4
25	4.2.000.9171	PORCA M4 ZINC. DIN934	M4 NUT ZINC. DIN934	4
26	7.0.037.0122	CAIXA LIGADOR/CONTACTOR CONJ. ASTROLAB	MAIN SWITCH/CONTACTOR ASTROLAB	1
27	7.0.037.0025	TABULEIRO INFERIOR ASTROLAB 2	LOWER TRAY ASTROLAB 2	1
28	4.0.037.0030	GRELHA TABULEIRO INF. ARAME ASTROLAB 2	WIRE TRAY GRID ASTROLAB 2	1
29	4.0.037.0038-A	GRELHA ARAME CHAVENAS ASTROLAB	CUPS GRID ASTROLAB	2
30	4.0.037.0081	PARAFUSO FIXAÇÃO PAINEL POST. INF ASTROLAB	SCREW REAR LOWER PANEL ASTROLAB	4
31	4.0.037.0002	PAINEL LATERAL INFERIOR ESQ. ASTROLAB	LEFT DOWN SIDE PANEL ASTROLAB	1
32	4.0.037.0001	PAINEL LATERAL INFERIOR DIR. ASTROLAB	RIGTH DOWN SIDE PANEL ASTROLAB	1
33	4.0.037.0003	PAINEL FRONTAL INFERIOR ASTROLAB 2	FRONT DOWN PANEL ASTROLAB 2	1
34	4.0.037.0004	PAINEL POSTERIOR INFERIOR ASTROLAB 2	REAR DOWN PANEL ASTROLAB 2	1
35	PRE-MONTAGEM 10	TORNEIRA VAPOR CONJ. ASTROLAB	COOL TOUCH TAP (STEAM ASS.)	2
36	4.2.000.9140	ANILHA RECART. M16 ZINC. DIN6798A	TOOTHED WASHER M16 DIN6798A	1
37	7.0.037.0114	RELES / ELECTROV. ENTRADA AGUA CONJ. ASTROLAB 2	RELAYS/ELECTOV. WATER INLET ASTROLAB 2	1
38	4.0.037.0112	APOIO BLINDAGEM CV CX INT. GERAL ASTROLAB	SUPPORT SHIELDING MAIN SWITCH ASTROLAB GENERAL	2
39	7.0.037.0020	BLINDAGEM CV CAIXA INT. GERAL ASTROLAB 2	SHIELD MAIN SWITCH ASTROLAB 2	1
40	7.0.037.0058	SUPORTE ELECTROV. MIST. ÁGUA ASTROLAB	ASTROLAB WATER SOLENOID SUPPORT	2
41	4.0.037.0108	ISOLAMENTO GRUPO ASTROLAB	GROUP ISOLATION ASTROLAB	2

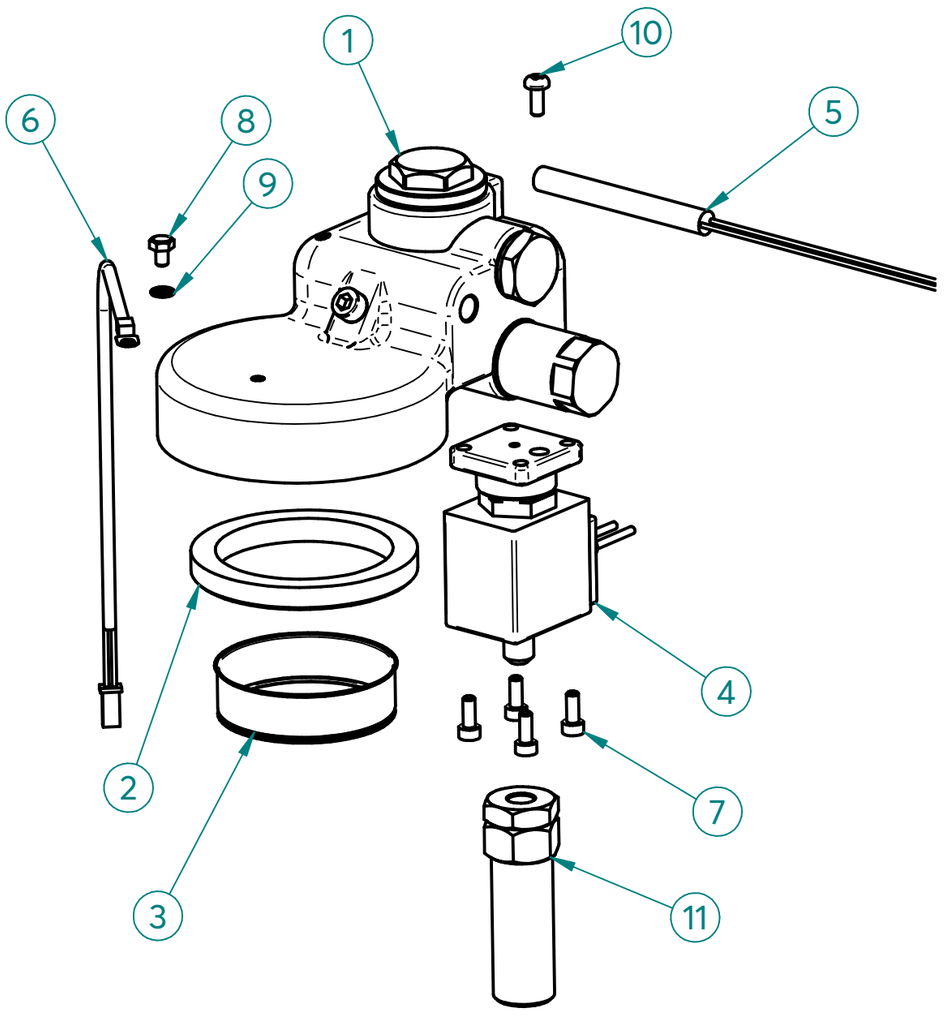
ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
42	4.0.000.1000	RELE ESTATICO 25A FASTON 6,3X0,8	STATIC RELAY 25A FASTON 6,3X0,8	1
43	4.2.000.9620	PARAFUSO CAB. OVAL UMBR. M5X20 INOX	M5X20 STNAILESS STEEL HEXAGON SOCKET BUTTON HEAD SCREW	6
44	4.0.000.0100	RACORD G1/8 TUBO TEFLON ø4	ø4 G1/8 TEFLON TUBE RACORD	2
45	7.0.037.0110	CALDEIRA INOX 0,5LT 1500W CONJ. ASTROLAB	1500W 0,5L INOX BOILER ASS. ASTROLAB	2
46	4.0.007.0044	CABO LED BRANCO Ø16MM LIGADOR	WHITE LED CABLE Ø16MM TERMINAL BLOCK	4
47	4.0.037.0006	BLINDAGEM SUPERIOR GRUPO S/ E-LEVER ASTROLAB	ASTROLAB UPPER GROUP SHIELDING	2
48	4.0.000.1020	TECLADO 7T C/ AGUA DOSEADA E DISPLAY OLED FIAMMA	PUSH-BUTTON 7 BTS W/ AUT. WATER AND OLED DISPLAY FIAMMA	2
49	5.0.000.0238	INTERRUPTOR AMARELO (GRUPO)	YELLOW SWITCH (GROUP)	1
50	4.0.000.0917	PE ADESIVO 5,8MM	ADHESIVE FOOT 5,8MM	6
51	4.2.000.9131	PARAFUSO CAB. EMB. PH M4X20 ZINC. DIN965	SCREW M4X20	4
52	4.0.000.1008	RACORD G1/4F-G3/8F INOX	FITTING G1/4F-G3/8F	2
53	4.0.000.0099	RACORD G1/4 TUBO ø6	FITTING G1/4 - Ø6 PIPE	3
54	7.0.037.0100	SENSOR DE PRESSAO CONJ. TUBO TEFLON Ø6 - 4 PIN	PRESSURE SENSOR TUBE Ø6-4PIN	1
55	4.0.000.0098	CONECTOR RAPIDO Y TUBO ø6	Y CONNECTOR TUBE ø6	3
56	4.0.037.0125	PAINEL PERS. FRONTAL ASTROLAB	FRONT CUSTOM PANEL ASTROLAB	1
57	4.0.000.0818	TUBO ALIMENTAÇÃO C/ CURVA 1500MM	WATER INLET PIPE 1500MM	1
58	7.0.037.0029	PROTEÇAO PE POSTERIOR CROM. ASTROLAB	REAR FOOT PROTECTION ASTROLAB	2
59	7.0.037.0008	BLINDAGEM FUNDO ASTROLAB 2	BOTTOM SHIELD ASTROLAB 2	1
60	4.0.000.0040	PORTA FILTRO ENT. AGUA C/ FILTRO NIPLESS	FILTER HOLDER OF WATER INLET	1
61	4.0.000.0845	RACORD L DEPOSITO ESGOTO PLASTICO	ANGLE RACORD	1
62	4.0.000.0222	TUBO ESGOTO	DRAIN TUBE	1
63	4.0.037.0126	ETIQUETA 50X40 RED ASTROLAB	RED STICKER 50X40 ASTROLAB	1
64	PRE-MONTAGEM 7	TABULEIRO SUP. CONJ. ASTROLAB 2	UPPER TRAY ASSEMB. ASTROLAB 2	1
65	4.0.037.0123	AUTOCOLANTE ON/OFF ASTROLAB	ON/OFF STICKER ASTROLAB	1
66	4.0.000.0097	CONECTOR RAPIDO TUBO ø6	FAST TUBE CONNECTOR ø6	1
67	4.0.000.0093	TAMPAO TUBO ø6	TUBE COVER ø6	1
68	7.0.037.0055	SUPORTE FONTE 24V ASTROLAB MB	POWER SUPPLY 24V SUPPORT ASTROLAB MB	1
69	4.0.000.0799	PE MAQ. CAFE BORRACHA Ø50x25 - M10	FEET FOR COFFE MACHINE Ø50X25-M10	2
70	4.0.000.0804	PE MAQ. DE CAFE 60x60	FEET FOR COFFE MACHINE 60X60	2
71	4.2.000.9618	PARAFUSO CAB. OVAL UMBR. M3X10 INOX	SCREW M3x10	10
72	4.2.000.9113	PARAFUSO ROSCA PLASTICO K40X12 ZINC.	SCREW K40X12	8
73	4.2.000.9646	PARAFUSO CAB. SEXT. M4X10 INOX DIN933	SCREW M4X10 DIN933	3
74	5.0.000.0630	PORTA FILTRO INOX CONJ. RST BRANCO - 2 BICAS	FILTER HOLD. REINF. ASSEMB. RST WHITE - 1 COFFEE CUP	1
75	5.0.000.0627	PORTA FILTRO INOX CONJ. RST BRANCO - 1 BICA	FILTER HOLD. REINF. ASSEMB. RST WHITE - 1 COFFEE CUP	1
76	4.0.000.0113	RACORD L TUBO Ø6	"L" FITTING - ø6 PIPE	1
77	5.0.042.0013	VALVULA DE EXPANSÃO TUBO Ø6	EXPANSION VALVE TUBE Ø6	1
78	4.0.000.0096	CONECTOR RAPIDO T TUBO Ø6	T QUICK CONNECTOR TUBE Ø6	1
79	4.0.000.0116	RACORD G1/4F-G3/8F NIQ.	G1/4F-G3/8F NICKEL RACORD	1
80	5.0.042.0010	VALVULA ANTI-RETORNO TUBO Ø6	NON-RETURN VALVE - Ø6 PIPE	1
82*	4.0.000.0103	RACORD L G1/8-TUBO Ø4 INOX	STAINLESS STEEL "L" FITTING G1/8-TUBO Ø4	1
83*	7.0.037.0044	PAINEL FRONTAL ASTROLAB 2	FRONT PANEL ASTROLAB 2	1

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

2 - 7.0.037.0134 - GRUPO CONJ. ASTROLAB MB

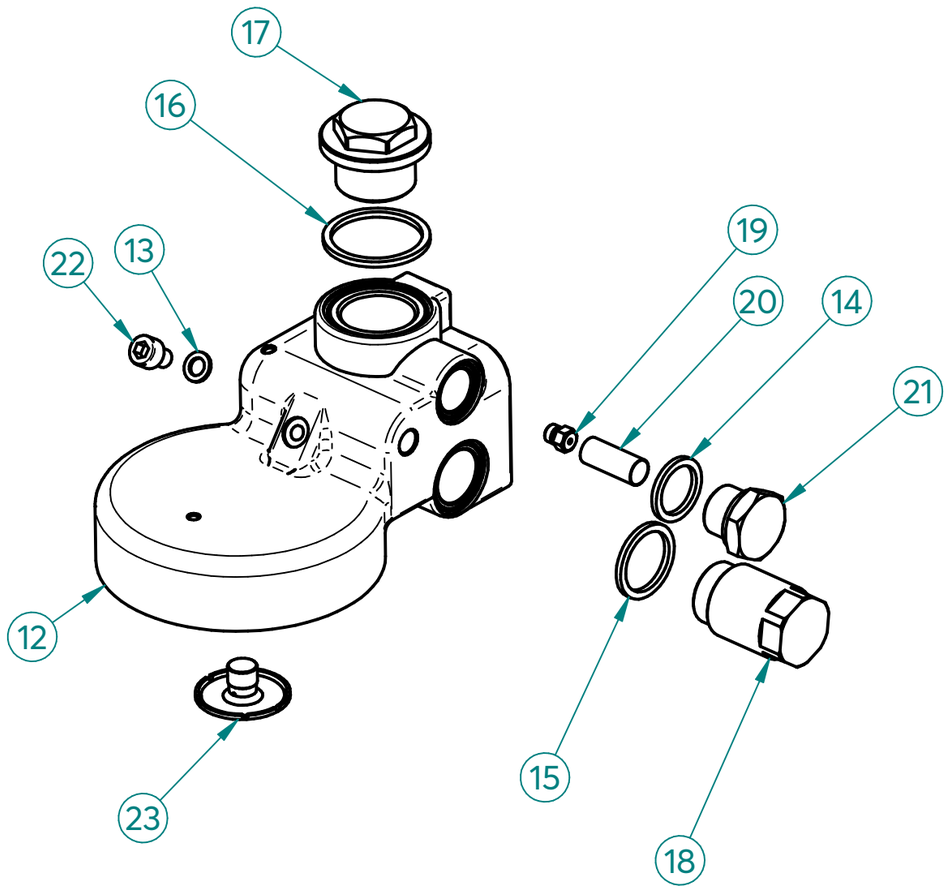
2- GROUP ASSEMB. ASTROLAB MB



ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	4.0.028.0000	GRUPO ECC-07 C/ RESIST.	ECC-07 GROUP W/ RESIST.	1
2	5.0.025.0012	JUNTA PORTA FILTRO 58X74X8, 5MM (GR B-61/ECC-07)	FILTER HOLDER GASKET	1
3	5.0.025.0010	CRIVO GRUPO B-61/ECC-07	GROUP B-61 SIEVE	1
4	4.0.037.0102	ELECTROVALVULA 3 VIAS 230V C/ BOBINE BVA (ODE) - GRUPO	3-WAY SOL.VALVE 230V - GROUP	1
5	4.0.028.0060	RESISTENCIA CARTUCHO ø8 150W-230V	CARTRIDGE HEAT. ELEM. Ø8 150W 230V W/TERM.	1
6	4.0.000.0940	SONDA TEMPERATURA Ø4,25	TEMPERATURE PROBE Ø4,25	1
7	5.0.000.0575	PARAF. UMBRACO M4X10 INOX DIN912	M4X10 INOX DIN912 UMBRACO SCREW	4
8	4.2.000.9061	PARAFUSO CAB. SEXT. M4X6 NIQ. DIN933	M4X6 NIQ. DIN933 HEX HEAD SREW	1
9	4.2.000.9135	ANILHA RECART. M4 ZINC. DIN6798A	ZINC-PLATED TOOTHED WASHER M4 DIN6798A	1
10	4.2.000.9125	PARAFUSO CAB. PH M4X10 ZINC. C/ RECART.	M4X10 ZINC. PH HEAD SREW	1
11	5.0.037.0020	RACORD DESCARGA GRUPO CONJ. CROM. L=70MM	ASS. GROUP DRAIN FITTING CROM. L=70MM	1

1 - 4.0.028.0000 - GRUPO ECC-07 C/ RESIST.

1 - ECC-07 GROUP W/ RESIST.



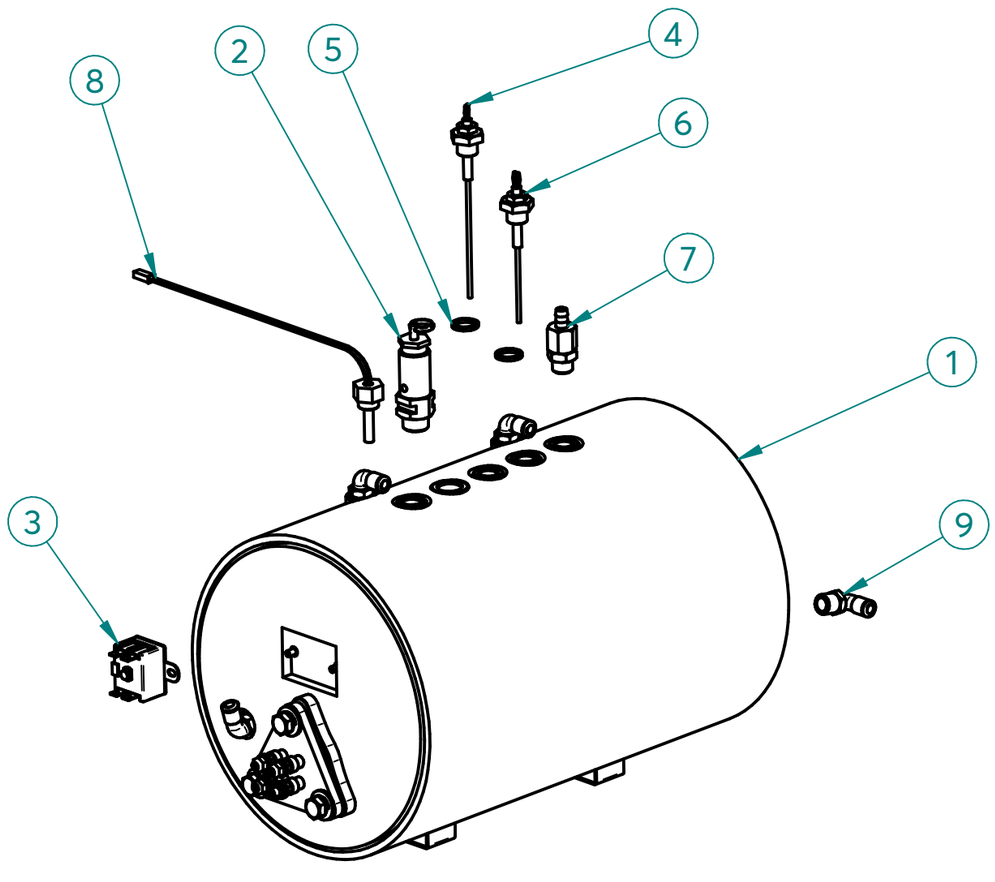
ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
12	5.0.028.0100	CORPO GRUPO MB	BODY OF THE GROUP MB	1
13	5.0.025.0015	JUNTA TEFLON 10X6X1	TEFLON GASKET	1
14	5.0.025.0022	JUNTA TEFLON 22X17X2	TEFLON GASKET	1
15	5.0.016.0106	JUNTA TEFLON 26X 21X2	TEFLON GASKET	1
16	5.0.025.0002	JUNTA TEFLON 35X30X2	TEFLON GASKET	1
17	5.0.016.0102	TAMPAO SUPERIOR M26X1,5 CROM. GR ECC-07	UPPER CHROM. COVER M26X1,5 (GR ECC-07)	1
18	5.0.016.0105	INFUSOR GRUPO ECC-07	INFUSER OF GROUP ECC-07	1
19	5.0.016.0110	INJECTOR 0.7 M6X0,75 (GR ECC-07)	INJECTOR 0,7 M6X0,75 (GR ECC-07)	1
20	5.0.025.0023	FITRO INOX INJECTOR	GROUP GIGLEUR FILTER	1
21	5.0.025.0021	TAMPAO G3/8 CROM. (GR B-61/GR EC-07)	CHROM. COVER G3/8 (GR B-61/GR ECC-07)	1
22	5.0.025.0003	PARAFUSO UMBRACO M6X10 INOX (GR B-61/ECC-07)	FRONT INOX SCREW M6X10 OF THE GROUP B-61	1
23	5.0.025.0009	DISTRIBUIDOR GRUPO B-61/ECC-07	OUTLET GROUP B-61/ECC-07	1

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

3 - PM-CALDEIRA 10,5 LT MB C/ ACESSORIOS CONJ.

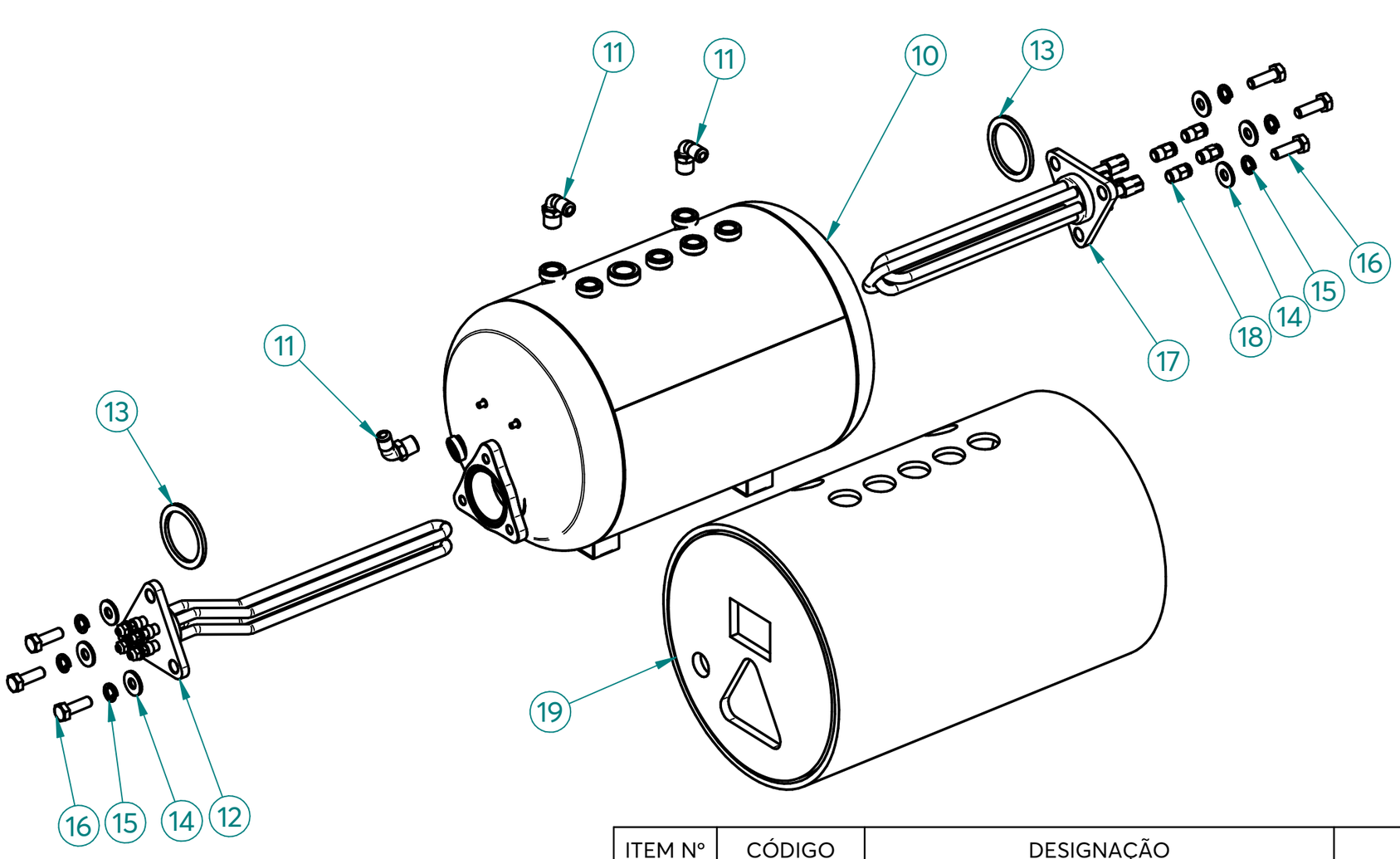
3 - 10,5 LT MB BOILER W/ ACESS. ASS.



ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	7.0.000.0552	CALDEIRA 10,5LT MB C/ PERM. E ACESS.	10,5LT MB BOILER W/ EXCHANGER W/ ACESS.	1
2	4.0.000.0051	VALVULA SEGURANÇA CALDEIRA	BOILER SECURITY VALVE	1
3	4.0.000.0250	TERMOSTATO SEGURANÇA 130°	SAFETY THERMOSTAT 130°	1
4	7.0.025.0002	SONDA ø2,5X135MM CONJ.	ø2,5X135MM PROBE ASS.	1
5	5.0.000.0315	JUNTA TEFLON 18X13,5X2MM	TEFLON GASKET	2
6	7.0.016.0070	SONDA ø2,5X105MM CONJ.	ø2,5X105MM PROBE ASS.	1
7	5.0.000.1002	VALVULA ANTI-VACUO	ANTI VACUUM VALVE	1
8	4.0.000.0941	SONDA TEMPERATURA G1/4-280MM	TEMPERATURE PROBE G1/4-280MM	1
9	4.0.000.0109	RACORD L G1/4 TUBO TEFLON ø6	ø6 G1/4 TEFLON TUBE L RACORD	1

1 - 7.0.000.0552 - CALDEIRA 10,5LT MB C/ PREMUTADOR E ACESS.

1 - BOILER 10,5LT WITH EXCHANGER AND ACESS.



ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
10	7.0.000.0551	CALDEIRA 10,5LT MB C/ PERMUTADOR	10,5LT MB BOILER WITH EXCHANGER	1
11	4.0.000.0109	RACORD L G1/4 TUBO TEFLON ø6	ø6 G1/4 TEFLON TUBE L RACORD	3
12	4.0.000.0221	RESISTENCIA FLANGE TRIANG. 3000W	TRIANGULAR HEATING ELEMENT (3000 W)	1
13	5.0.000.0307	JUNTA RESISTENCIA REDONDA	HEATING ELEMENT GASKET	2
14	7.2.000.0015	ANILHA PLANA 2X20X8,5 ZINC.	FLAT RING 2X20X8.5	6
15	4.2.000.9147	ANILHA MOLA M8 ZINC. DIN127B	M8 SPRING WASHER	6
16	4.2.000.9086	PARAFUSO CAB. SEXT. M8X25 ZINC. DIN933	SCREW M8X25	6
17	7.0.000.0582	PERMUTADOR C/ FLANGE TRIANGULAR	EXCHANGER W/TRIANG. FLANGE	1
18	4.0.000.0100	RACORD G1/8 TUBO TEFLON ø4	ø4 G1/8 TEFLON TUBE RACORD	4
19	4.0.000.0420	ISOLAMENTO CALDEIRA 10,5LT MB	BOILER INSULATION 10,5LT	1

MÁQ. CAFÉ ASTROLAB 2 MB

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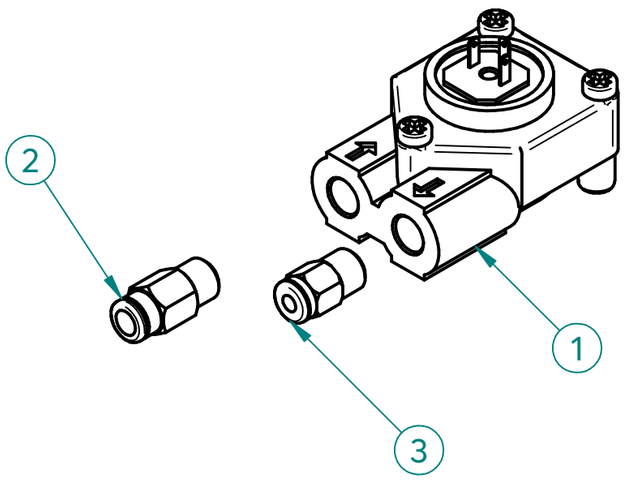
7 - PM_CONTADOR VOLUMETRICO CONJ. COMPASS MB

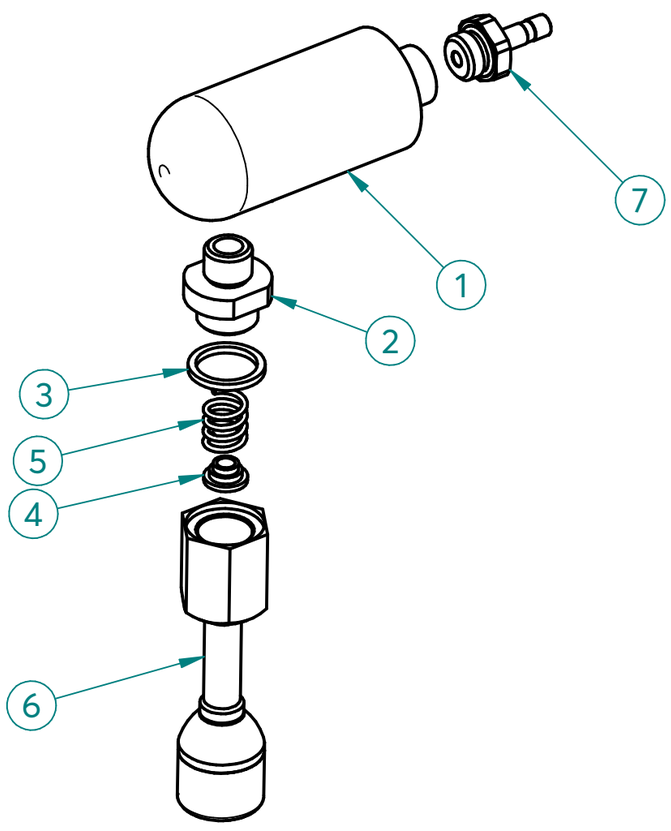
7 - VOLUMETRIC COUNTER ASS. COMPASS MB



ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	5.0.000.1012	CONTADOR VOLUMETRICO D1, 15-G1/8 C/ LED	VOLUMETRIC DOSER D1,15-G1/8 W/ LED	1
2	4.0.000.0104	RACORD G1/8 TUBO TEFLON ø6	ø6 G1/8 TEFLON TUBE RACORD	1
3	4.0.000.0100	RACORD G1/8 TUBO TEFLON ø4	ø4 G1/8 TEFLON TUBE RACORD	1

10 - 7.0.037.0105 - TORNEIRA AGUA CONJ. ASTROLAB

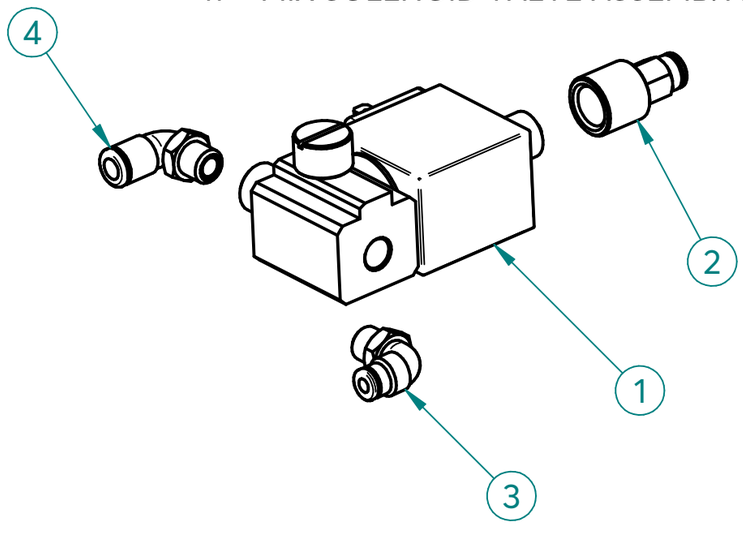
10 - WATER TAP ASSEMB. ASTROLAB



ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	4.0.037.0079	RACORD EXTENSÃO TORNEIRA AGUA ASTROLAB	WATER TAP FITTING EXTENSION ASTROLAB	1
2	4.0.037.0078	RACORD SAIDA TORNEIRA AGUA ASTROLAB	WATER OUT FITTING ASTROLAB	1
3	5.0.025.1386	JUNTA TEFLON 21X16,8X2	TEFLON GASKET	1
4	5.0.025.6508	GUIA MOLA TUBO AGUA/VAPOR TORN. EVOL.	GUIDE BUSH	1
5	5.0.025.7060	MOLA TUBO AGUA/VAPOR TORN. EVOL.	SPRING TAP	1
6	5.0.037.0330	TUBO TORNEIRA AGUA INOX ASTROLAB (CONJ.)	WATER TAP PIPE ASSEMB. ASTROLAB	1
7	4.0.000.0091	ADAPTADOR G1/4 TUBO Ø6	G1/4 ADAPTER Ø6 PIPE	1

11 - 7.0.037.0126 - ELECTROVALVULA MISTURADORA CONJ. ASTROLAB

11 - MIX SOLENOID VALVE ASSEMB. ASTROLAB



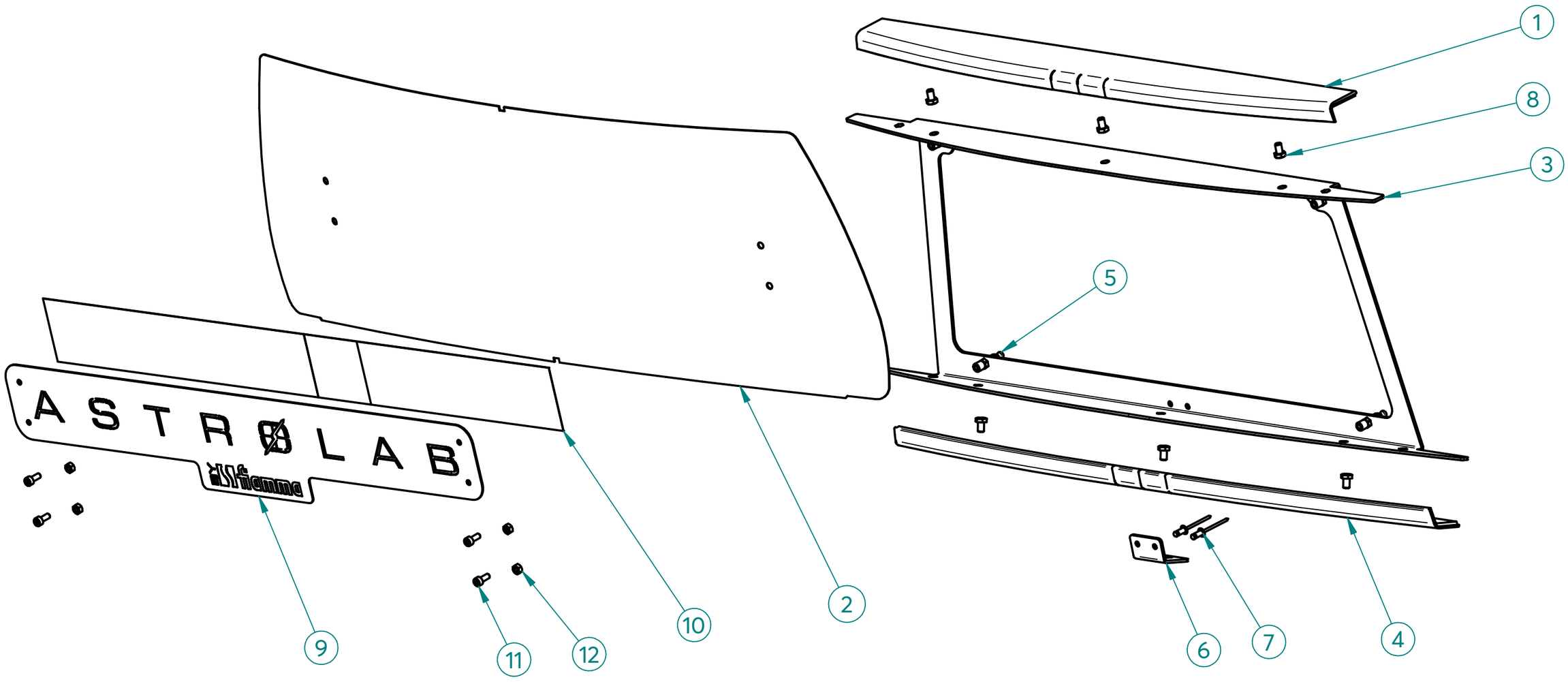
ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	4.0.028.0017	ELECTROVALVULA 3 VIAS 230V MISTURADORA	3 WAY 230V SOLENOID MIXER	1
2	4.0.000.0106	RACORD G1/4F TUBO TEFLON ø6	ø6 G1/4F TEFLON TUBE RACORD	1
3	4.0.000.0102	RACORD L G1/8 TUBO TEFLON ø4	ø4 G1/8 TEFLON TUBE L RACORD	1
4	4.0.000.0108	RACORD L G1/8 TUBO TEFLON ø6	ø6 G1/8 TEFLON TUBE L RACORD	1

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

12 - PM-PAINEL POSTERIOR CONJ. ASTROLAB 2

12 - REAR PANEL ASSEMB. ASTROLAB 2



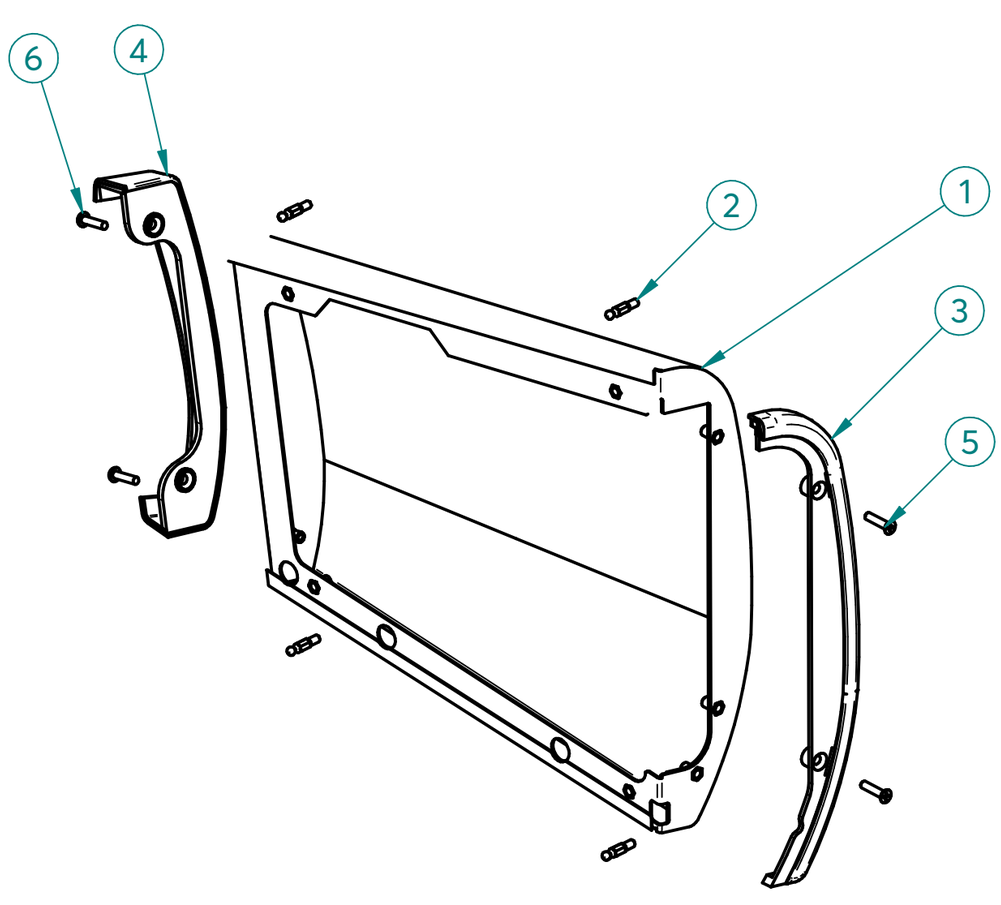
ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	7.0.037.0317BK	POSTERIOR SUPERIOR ASTROLAB 2 BLACK	UPPER REAR ASTROLAB 2 BLACK	1
2	7.0.037.0035	PAINEL POSTERIOR ASTROLAB 2	REAR PANEL ASTROLAB 2	1
3	4.0.037.0094	REFORÇO PAINEL POST. CONJ. ASTROLAB 2	REAR PANEL REINFORCEMENT ASTROLAB 2	1
4	7.0.037.0314BK	POSTERIOR INFERIOR ASTROLAB 2 BLACK	REAR PANEL ASTROLAB 2 BLACK	1
5	4.0.025.0090	PERNO FIXACÇAO PAINEL LAT.	FIXER PIN	4
6	7.0.037.0037	FIXADOR PAINEL POST ASTROLAB	REAR PANEL FIXER ASTROLAB	1
7	4.2.000.9205	REBITE ALUMINIO 4X8	ALUMINIUM REVIT 4X8	2
8	4.2.000.9657	PARAFUSO CAB. SEXT. M5X8 ZINC. DIN933	SEXT. SCREW M5X8 ZINC. DIN933	6
9	4.0.037.0128	PAINEL PERSONALIZADO POSTERIOR ASTROLAB 2	REAR CUSTOM PANEL ASTROLAB 2	1
10	4.0.037.0129	ETIQUETA 575X55 BLACK/RED ASTROLAB	BLACK/RED STICKER 575X55 ASTROLAB	1
11	5.0.000.0575	PARAF. UMBRACO M4X10 INOX DIN912	M4X10 INOX DIN912 UMBRACO SCREW	4
12	4.2.000.9171	PORCA M4 ZINC. DIN934	M4 NUT ZINC. DIN934	4

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

13 - PM-PAINEL LATERAL DIR. CONJ. ASTROLAB

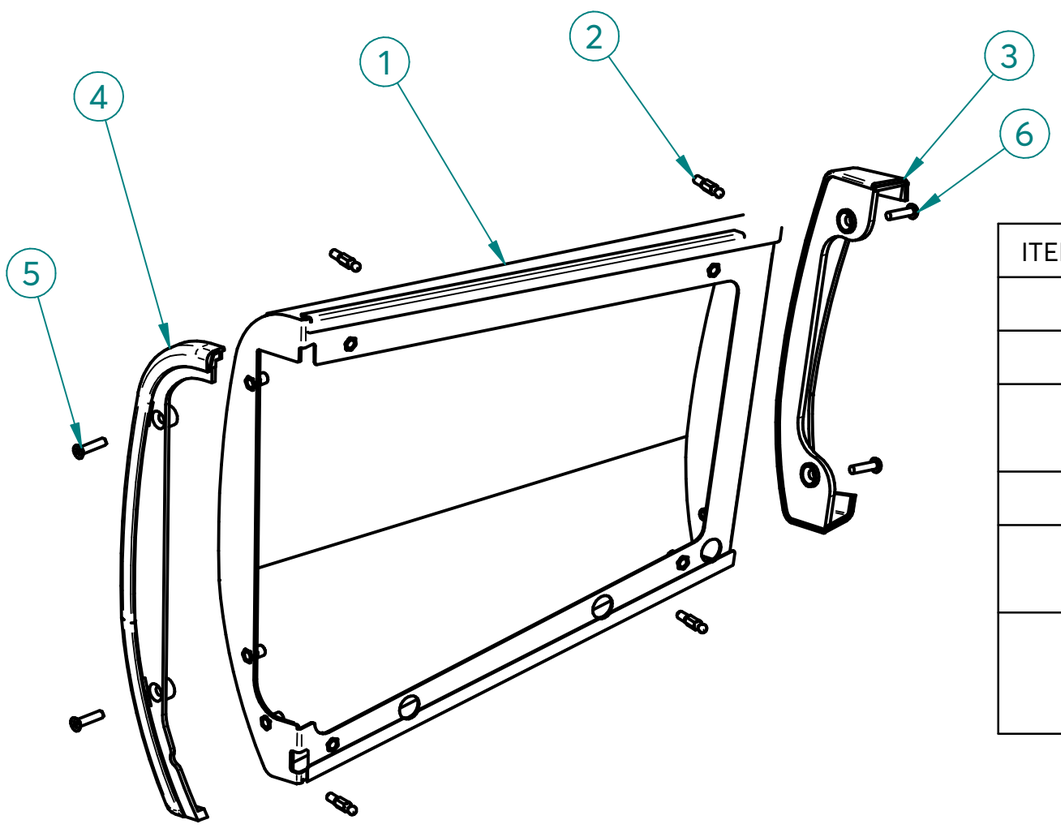
13 - RIGTH SIDE PANEL ASSEMB. ASTROLAB



ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	4.0.037.0084	PAINEL LATERAL DIR. ASTROLAB	RIGTH SIDE PANEL ASTROLAB	1
2	4.0.025.0090	PERNO FIXACÇAO PAINEL LAT.	FIXER PIN	4
3	4.0.037.0026	LATERAL FRONTAL DIR. ASTROLAB	RIGTH FRONT SIDE ASTROLAB	1
4	7.0.037.0320BK	LATERAL POSTERIOR DIR. ASTROLAB BLACK	RIGTH REAR SIDE ASTROLAB BLACK	1
5	4.2.000.9134	PARAFUSO CAB. EMB. PH M5X20 INOX DIN965	SCREW M5X20	2
6	4.2.000.9620	PARAFUSO CAB. OVAL UMBR. M5X20 INOX	M5X20 STNAILESS STEEL HEXAGON SOCKET BUTTON HEAD SCREW	2

14 - PM-PAINEL LATERAL ESQ. CONJ. ASTROLAB

14 - LEFT SIDE PANEL ASSEMB. ASTROLAB



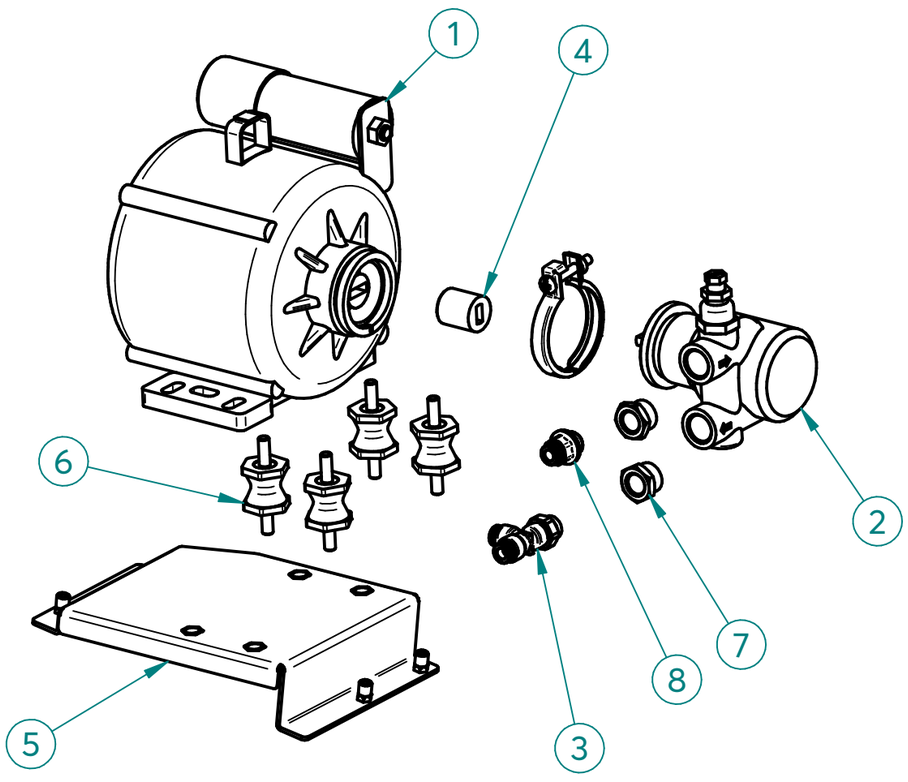
ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	4.0.037.0086	PAINEL LATERAL ESQ. ASTROLAB	LEFT SIDE PANEL ASTROLAB	1
2	4.0.025.0090	PERNO FIXACÇAO PAINEL LAT.	FIXER PIN	4
3	7.0.037.0323BK	LATERAL POSTERIOR ESQ. ASTROLAB BLACK	LEFT REAR SIDE ASTROLAB BLACK	1
4	4.0.037.0027	LATERAL FRONTAL ESQ. ASTROLAB	LEFT FRONT SIDE ASTROLAB	1
5	4.2.000.9134	PARAFUSO CAB. EMB. PH M5X20 INOX DIN965	SCREW M5X20	2
6	4.2.000.9620	PARAFUSO CAB. OVAL UMBR. M5X20 INOX	M5X20 STNAILESS STEEL HEXAGON SOCKET BUTTON HEAD SCREW	2

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

21 - PM_MOTOR CONJ. ASTROLAB MB

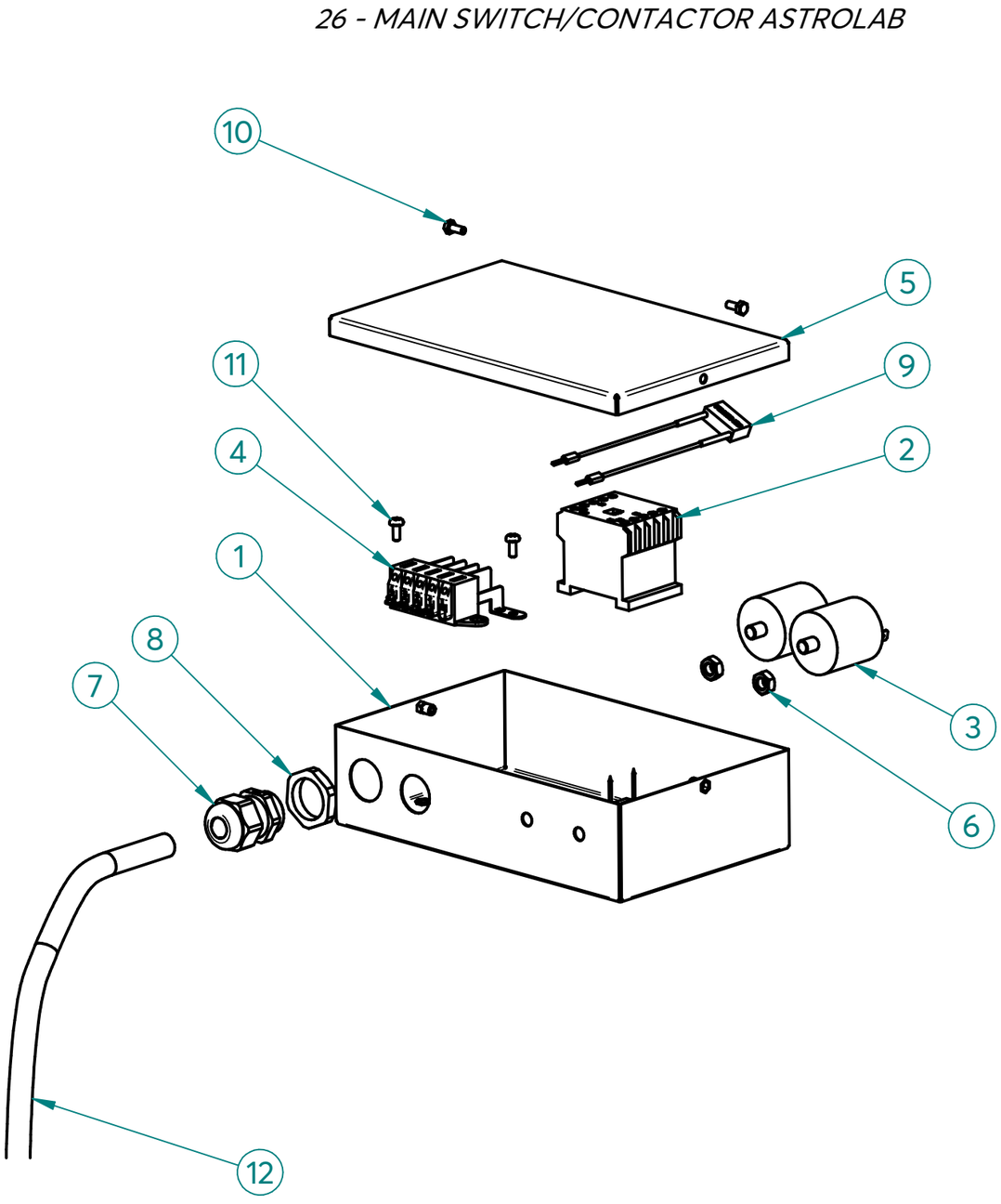
21 - MOTOR ASS. ASTROLAB MB



ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	5.0.000.0475	MOTOR RPM 230V/50HZ P/ ACOPLAMENTO	MOTOR RPM 230V/50HZ W/ COUPLING	1
2	5.0.000.0040	BOMBA AGUA	WATER PUMP	1
3	4.0.000.0095	RACORD T LATERAL G1/4 TUBO ø6	T SIDE FITTING G1/4 - Ø6 PIPE	1
4	5.0.000.0474	ACOPLAMENTO MOTOR/BOMBA	MOTOR/PUMP COUPLING	1
5	7.0.037.0065	APOIO MOTOR ASTROLAB MB	MOTOR SUPPORT ASTROLAB MB	1
6	4.0.000.0032	APOIO MOTOR	MOTOR SUPPORT	4
7	4.0.000.0118	RACORD G3/8-G1/4F NIQ.	G3/8-G1/4F NICKEL RACORD	2
8	4.0.000.0099	RACORD G1/4 TUBO ø6	FITTING G1/4 - Ø6 PIPE	1

26 - 7.0.037.0122 - CAIXA LIGADOR/CONTACTOR CONJ. ASTROLAB

26 - MAIN SWITCH/CONTACTOR ASTROLAB



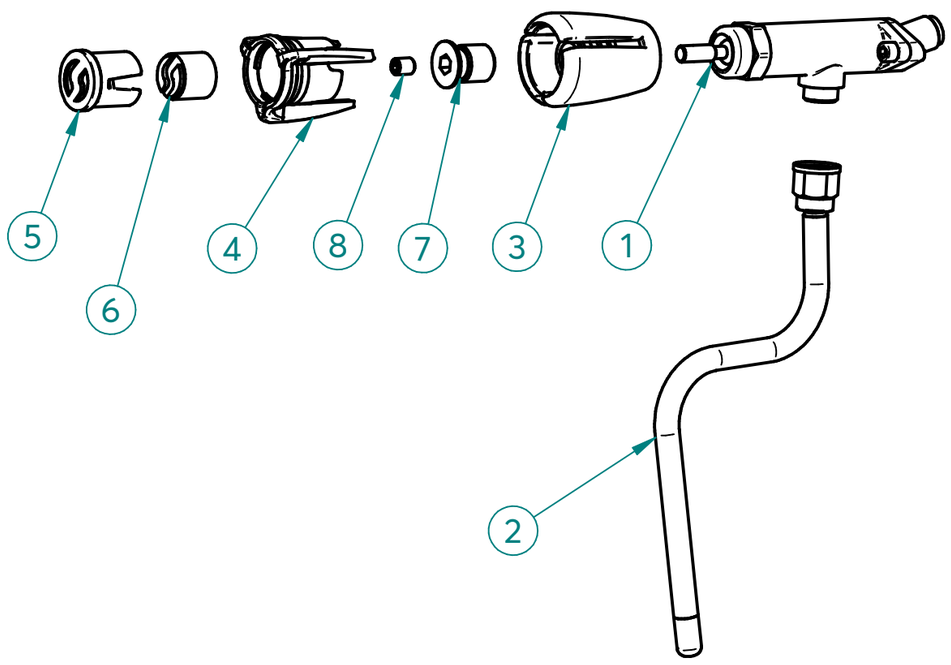
ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	7.0.037.0015	CAIXA INTERRUPTOR GERAL ASTROLAB	MAIN SWITCH BOX ASTROLAB	1
2	4.0.091.0003	CONTACTOR 22A-AC1 BOBINE 230V	CONTACTOR 22A-AC1 230V	1
3	4.0.000.0997	FILTRO EMC MAQ. CAFE	EMC FILTER COFFEE MACHINE	2
4	4.0.028.0015	LIGADOR RAPIDO 5 POLOS	FAST LINKER	1
5	7.0.037.0016	TAMPA CAIXA INTERRUPTOR GERAL ASTROLAB	COVER MAIN SWITCH ASTROLAB	1
6	4.2.000.9174	PORCA M8 ZINC. DIN934	M8 NUT ZINC. DIN934	2
7	4.0.037.0060	CERRA CABOS P/ FURO Ø25,2	CABLE CLAMP (Ø25,2 HOLE)	1
8	4.0.037.0062	PORCA CERRA CABOS P/ FURO Ø25,2	CABLE CLAMP NUT (Ø25,2 HOLE)	1
9	4.0.000.0998	FILTRO RC MAQ. CAFE	COFFEE MACHINE RC FILTER	1
10	4.2.000.9646	PARAFUSO CAB. SEXT. M4X10 INOX DIN933	SCREW M4X10 DIN933	2
11	4.2.000.9125	PARAFUSO CAB. PH M4X10 ZINC. C/ RECART.	M4X10 ZINC. PH HEAD SREW	2
12	4.0.028.0058	CABO H07RN-F 5G4	H07RN-F 5G4 CABLE	1

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

35 - PM - TORNEIRA VAPOR CONJ. ASTROLAB

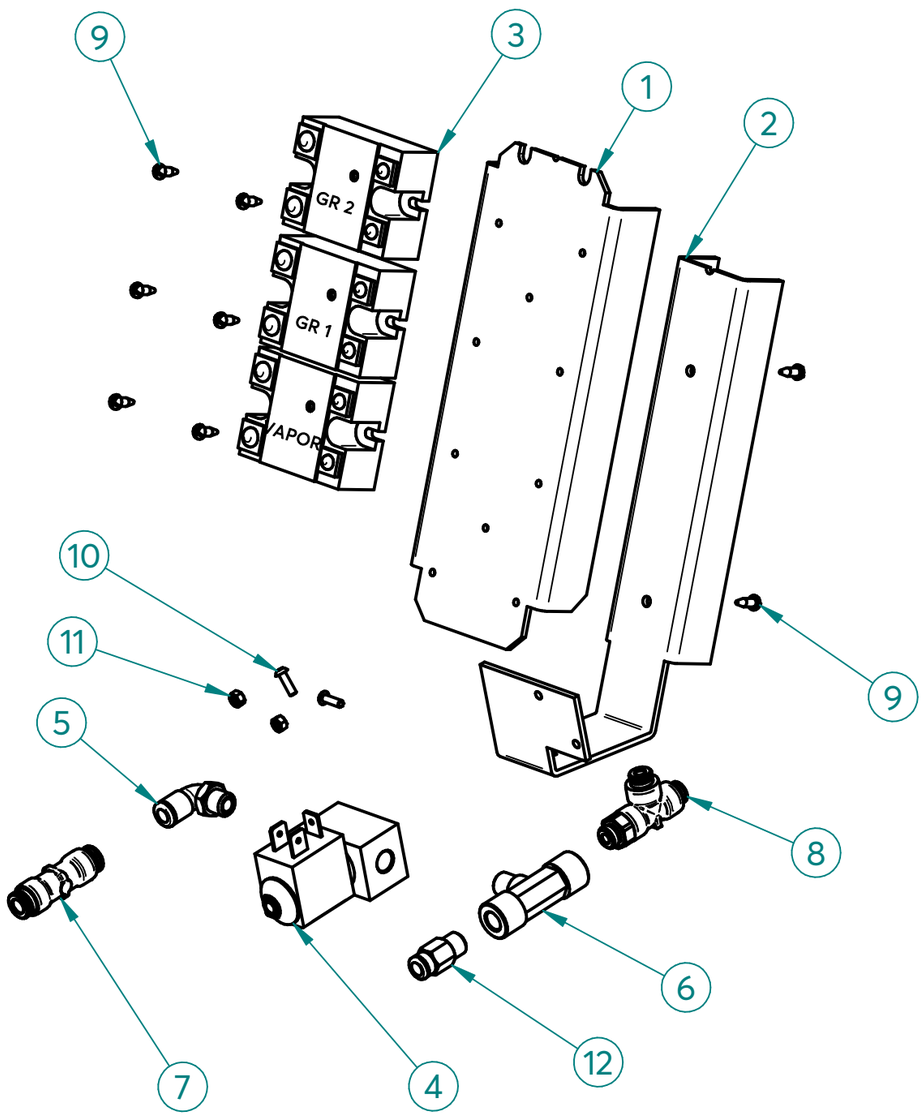
35 - COOL TOUCH TAP ASSEMB. ASTROLAB



ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	5.0.037.0010	TORNEIRA ALAVANCA G1/4-G3/8 CROM. RST	LEVER TAP G1/4-G3/8 CROM. RST	1
2	5.0.028.0340	TUBO TORNEIRA VAPOR COOL TOUCH (CONJ.)	COOL TOUCH STEAM TAP TUBE	1
3	4.0.007.0125	CORPO MANIPULO TORN. RST	BODY TAP KNOB RST	1
4	4.0.007.0127	ANEL CROMADO MAN. TORN. RST	CHROME RING TAP KNOB RST	1
5	4.0.007.0131	TAMPAO MAN. TORN. RST	FILTER HOLDER HANDLE TAP	1
6	4.0.007.0135	SIMBOLO FIAMMA BRANCO MAN. TORN. RST	WHITE SYMBOL FIAMMA TAP KNOB RST	1
7	5.0.007.0011	RACORD ADAPT. TR18X4A2P-M8F TORN. ALAVANCA RST	RACORD ADAPT. LEVER TAP RST	1
8	5.0.007.0012	PARAFUSO SEM CAB. UMBR. M8X10 ZINC. DIN916	ZINC-PLATED SOCKET SET SCREW M8X10 DIN916	1

37 - 7.0.037.0114 - RELÉS / ELECTROV. ENTRADA AGUA CONJ. ASTROLAB 2

37 - RELAYS/ELECTROV. WATER INLET ASSEMB. ASTROLAB 2



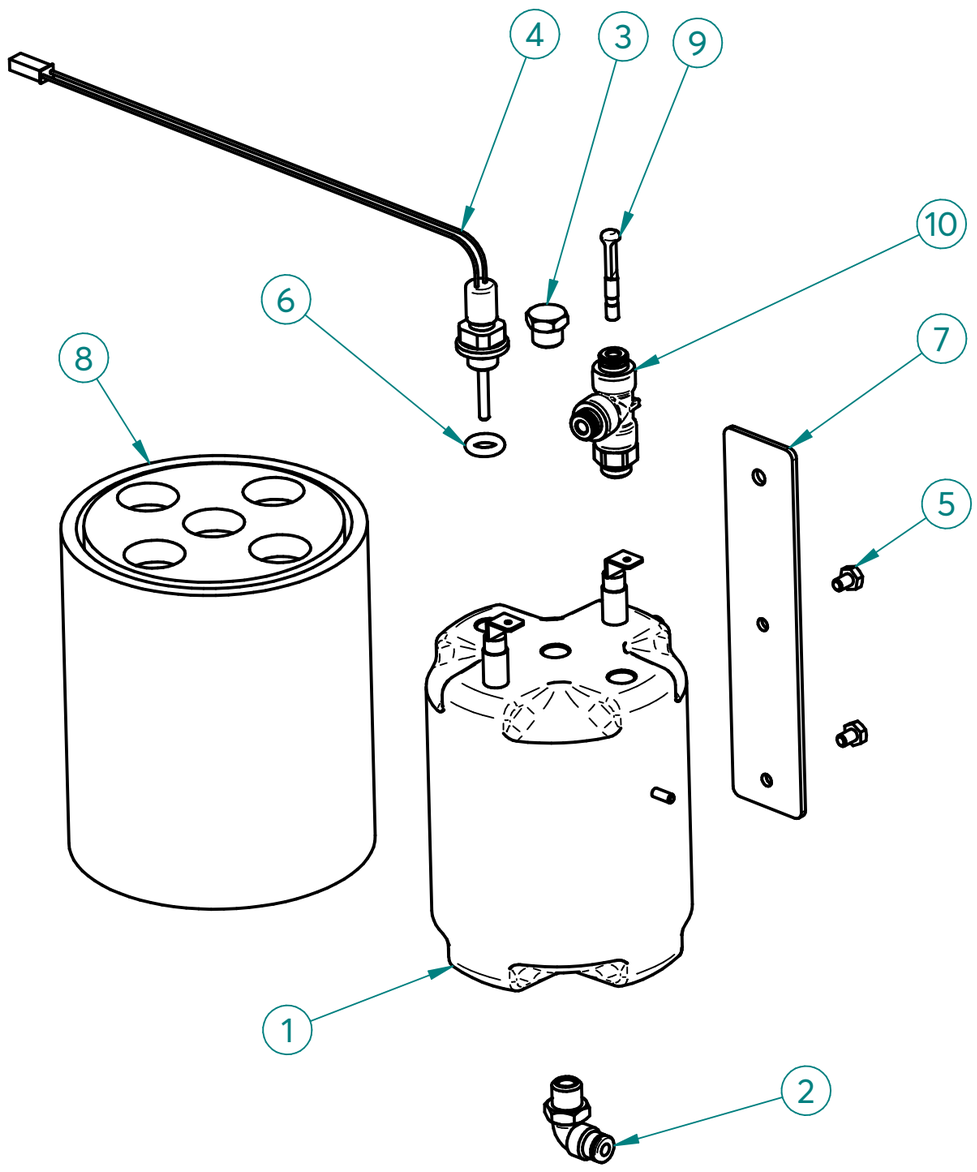
ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	7.0.037.0060	SUPORTE RELÉS - ELECTROV. ENTRADA AGUA ASTROLAB	WATER INLET SUPPORT ASTOLAB	1
2	7.0.037.0062	DISSIPADOR RELÉS ASTROLAB	RELAYS SINK ASTROLAB	1
3	4.0.000.0991	RELE ESTATICO 25A	25A SOLID STATE RELAY	3
4	4.0.037.0103	ELECTROVALVULA 2 VIAS 230V INOX - G1/8F Ø2.4	2-WAY SOL.VALVE 230V INOX - G1/8F Ø2.4	1
5	4.0.000.0108	RACORD L G1/8 TUBO TEFLON ø6	ø6 G1/8 TEFLON TUBE L RACORD	1
6	5.0.000.0739	RACORD T G1/8F-G1/8F-G1/8 INOX	RACORD T G1/8F-G1/8F-G1/8	1
7	5.0.042.0010	VALVULA ANTI-RETORNO TUBO Ø6	NON RETURN VALVE TUBE Ø6	1
8	4.0.000.0094	RACORD T LATERAL G1/8 TUBO ø4	T SIDE FITTING G1/8 - Ø4 PIPE	1
9	4.2.000.9103	PARAFUSO ROSCA CHAPA B3,5X9,5 NIQ. DIN7981	SCREW B3,5X9,5	8
10	4.2.000.9618	PARAFUSO CAB. OVAL UMBR. M3X10 INOX	SCREW M3x10	2
11	4.2.000.9170	PORCA M3 ZINC. DIN934	M3 NUT ZINC. DIN934	2
12	4.0.000.0104	RACORD G1/8 TUBO TEFLON ø6	ø6 G1/8 TEFLON TUBE RACORD	1

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

45 - 7.0.037.0110 - CALDEIRA INOX 0,5LT 1500W CONJ. ASTROLAB

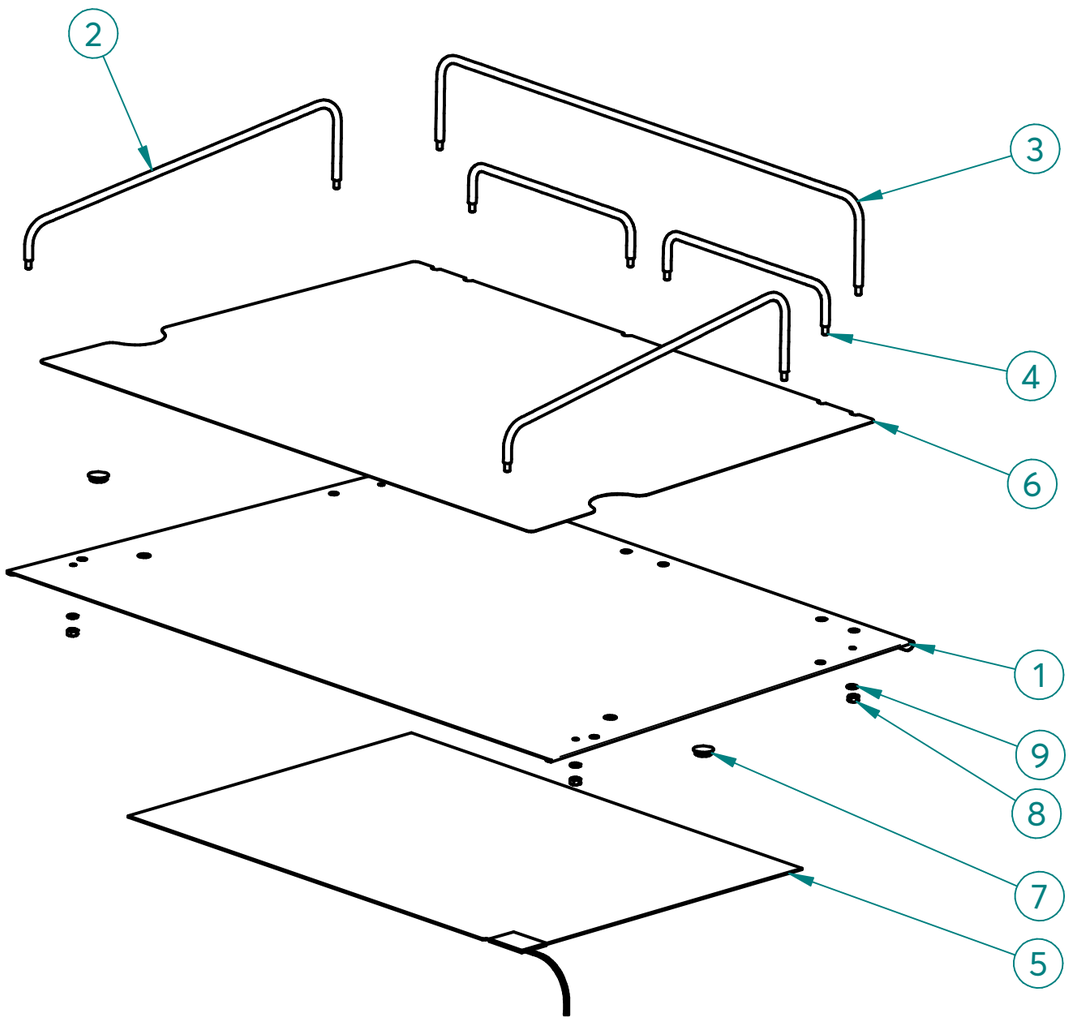
45 - 1500W 0,5LT INOX BOILER ASSEMB. ASTROLAB



ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	4.0.028.0062	CALDEIRA INOX 0.5LT 1500W	1500W 0,5L INOX BOILER	1
2	4.0.000.0102	RACORD L G1/8 TUBO TEFLON ø4	ø4 G1/8 TEFLON TUBE L RACORD	1
3	4.0.000.0152	TAMPAO G1/8	CAP G1/8	1
4	4.0.000.0931	SONDA TEMPERATURA G1/8	TEMPERATURE PROBE G1/8	1
5	4.2.000.9061	PARAFUSO CAB. SEXT. M4X6 NIQ. DIN933	M4X6 NIQ. DIN933 HEX HEAD SREW	2
6	4.0.028.0068	ORING 7X3 VITON	ORING 7X3 VITON	1
7	7.0.037.0050	SUPORTE CALDEIRA CAFE ASTROLAB	COFFEE BOILER SUPPORT ASTROLAB	1
8	4.0.000.0425	ISOLAMENTO CALDEIRA CAFE 0, 5LT	COFFEE BOILER INSULATION 0, 5LT	1
9	4.0.000.0092	TAMPAO TUBO ø4	PUSH-IN PLUG TUBE Ø4	1
10	4.0.000.0094	RACORD T LATERAL G1/8 TUBO ø4	T SIDE FITTING G1/8 - Ø4 PIPE	1

64 - PM - TABULEIRO SUPERIOR CONJ. ASTROLAB 2

64 - UPPER TRAY ASSEMB. ASTROLAB 2



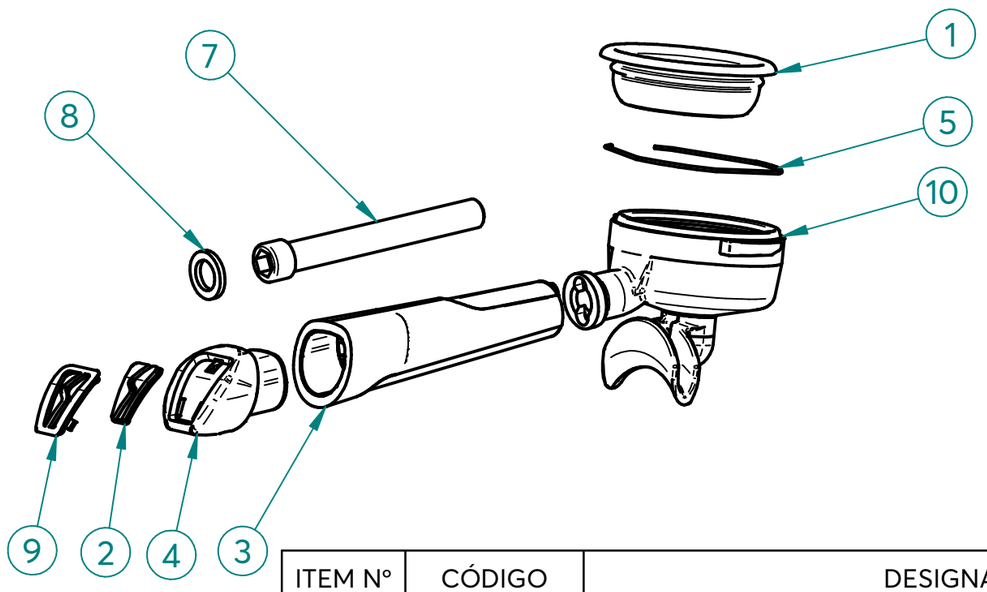
ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	7.0.037.0046	TABULEIRO SUPERIOR CONJ. ASTROLAB 2	UPPER TRAY ASSEMB. ASTROLAB 2	1
2	4.0.037.0032	ARAME LATERAL TAB SUP ASTROLAB	SIDE WIRE UPPER TRAY ASTROLAB	2
3	4.0.037.0036	ARAME POSTERIOR SUP. TAB. SUP. ASTROLAB 2	UP SIDE WIRE UPPER TRAY ASTROLAB 2	1
4	4.0.037.0034	ARAME POSTERIOR INF. TAB. SUP. ASTROLAB 2	LOW REAR WIRE UPPER TRAY ASTROLAB 2	2
5	4.0.037.0105	RESIST. ESCALDA CHAV. 420X290MM 75W 230V ASTROLAB 2	HEATING ELEMENT FOR CUP HEATING	1
6	4.0.037.0130	GRELHA TABULEIRO SUP. ASTROLAB 2	UPPER TRAY GRID ASTROLAB 2	1
7	4.0.085.0035	TAPA FUROS ø10MM	RUBBER COVER Ø10MM	2
8	4.0.001.0053	PORCA M4 INOX DIN934	M4 NUT STAINLESS STEEL DIN934	10
9	4.0.001.0055	ANILHA RECART. M4 INOX DIN6798A	KNUCKLE WASHER M4 DIN6798A	10

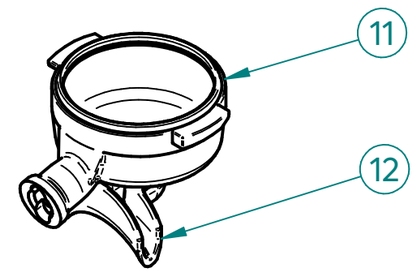
MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

74 - 5.0.000.0630 - PORTA FILTRO INOX CONJ. RST BRANCO - 2 BICAS

74 - FILTER HOLD. STAINLESS ST ASSEMB. RST WHITE - 2 COFFEE CUP



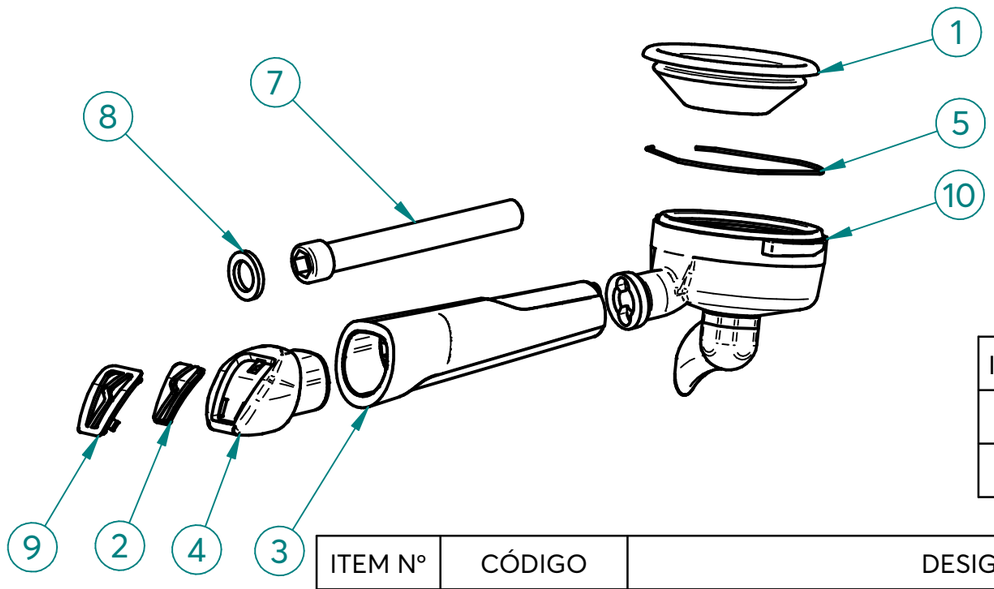


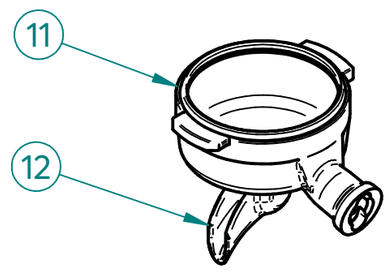
ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
11	4.0.000.0752	CORPO PORTA FILTRO INOX	BODY FILTER HOLDER STAINLESS STEEL	1
12	4.0.000.0754	DISTRIBUIDOR INOX 2 BICAS	DOUBLE SPOUT STAINLESS STEEL	1

ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	5.0.000.0173	FILTRO 2 BICAS 12 GR	2 COFFEES FILTER 12 GR	1
2	4.0.007.0170	SIMBOLO FIAMMA BRANCO PUNHO PORTA FILTRO RST NV	WHITE SYMBOL FIAMMA FILTER HOLDER HANDLE RST	1
3	4.0.007.0160	PUNHO PORTA FILTRO RST NV	FILTER HOLDER HANDLE RST NV	1
4	4.0.007.0163	TAMPAO CROMADO PUNHO PORTA FILTRO RST NV	CHROME FILTER HOLDER HANDLE RST	1
5	5.0.000.0411	MOLA PORTA FILTRO 1,2MM	FILTER HOLDER SPRING	1
7	4.0.007.0149	PARAFUSO UMBR. M12X100 ZINC. DIN912	CYLIND. HEAD SCREW W/ HEX. SOCKET M12X100 ZINC. DIN912	1
8	4.0.085.0006	ANILHA RECART. M12 ZINC. DIN6798A	ZINC-PLATED TOOTHED WASHER M12 DIN6798A	1
9	4.0.007.0166	INSERTO TAMPAO PUNHO PORTA FILTRO RST NV	INSERT FILTER HOLDER HANDLE RST	1
10	4.0.000.0751	PORTA FILTRO INOX 2 BICAS	FILTER HOLD. STAINLESS ST - 2 COFFEE CUP	1

75 - 5.0.000.0627 - PORTA FILTRO INOX CONJ. RST BRANCO - 1 BICA

75 - FILTER HOLD. STAINLESS ST ASSEMB. RST WHITE - 1 COFFEE CUP





ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
11	4.0.000.0752	CORPO PORTA FILTRO INOX	BODY FILTER HOLDER STAINLESS STEEL	1
12	4.0.000.0753	DISTRIBUIDOR INOX 1 BICA	SINGLE SPOUT STAINLESS STEEL	1

ITEM Nº	CÓDIGO	DESIGNAÇÃO	DESIGNATION	QUANT.
1	5.0.000.0162	FILTRO 1 BICA 6GR NV	6GR 1 CUP FILTER	1
2	4.0.007.0170	SIMBOLO FIAMMA BRANCO PUNHO PORTA FILTRO RST NV	WHITE SYMBOL FIAMMA FILTER HOLDER HANDLE RST	1
3	4.0.007.0160	PUNHO PORTA FILTRO RST NV	FILTER HOLDER HANDLE RST NV	1
4	4.0.007.0163	TAMPAO CROMADO PUNHO PORTA FILTRO RST NV	CHROME FILTER HOLDER HANDLE RST	1
5	5.0.000.0411	MOLA PORTA FILTRO 1,2MM	FILTER HOLDER SPRING	1
7	4.0.007.0149	PARAFUSO UMBR. M12X100 ZINC. DIN912	CYLIND. HEAD SCREW W/ HEX. SOCKET M12X100 ZINC. DIN912	1
8	4.0.085.0006	ANILHA RECART. M12 ZINC. DIN6798A	ZINC-PLATED TOOTHED WASHER M12 DIN6798A	1
9	4.0.007.0166	INSERTO TAMPAO PUNHO PORTA FILTRO RST NV	INSERT FILTER HOLDER HANDLE RST	1
10	4.0.000.0750	PORTA FILTRO INOX 1 BICA	FILTER HOLD. STAINLESS ST - 1 COFFEE CUP	1

4.0.000.0850	TUBO TEFLON CALIBRADO Ø6X4MM	CALIBRATED TEFLON PIPE Ø6X4MM
4.0.000.0852	TUBO TEFLON CALIBRADO Ø4X2,5MM	CALIBRATED TEFLON PIPE Ø4X2,5MM
4.0.000.0853	TUBO TEFLON CALIBRADO Ø4X2,5MM RED	CALIBRATED TEFLON PIPE Ø4X2,5MM RED
4.0.000.0854	TUBO TEFLON CALIBRADO Ø4X2,5MM BLUE	CALIBRATED TEFLON PIPE Ø4X2,5MM BLUE
5.0.000.0167	FILTRO CEGO	BLIND FILTER
5.0.000.0161	FILTRO 1 BICA CONICO FIAMMA	CONICAL 1 CUP FILTER FIAMMA
5.0.0000.0179	FILTRO 2 BICAS 14GR/16GR	2 CUPS FILTER 14GR/16GR

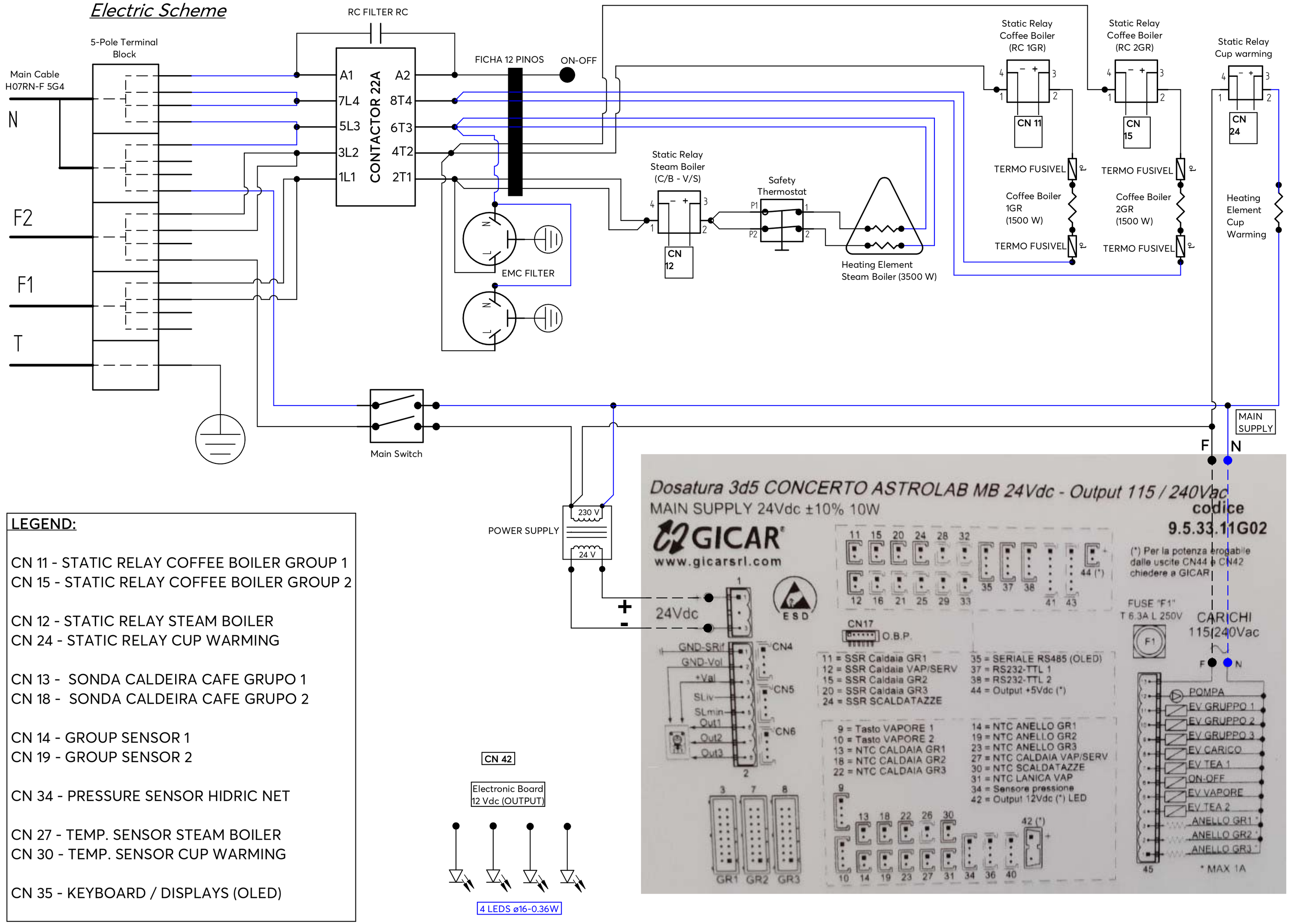
R00

MÁQ. CAFÉ ASTROLAB 2 MB

ESPRESSO COFFEE MACHINE ASTROLAB 2 MB

ESQUEMA ELECTRICO

Electric Scheme



LEGEND:

CN 11 - STATIC RELAY COFFEE BOILER GROUP 1
CN 15 - STATIC RELAY COFFEE BOILER GROUP 2

CN 12 - STATIC RELAY STEAM BOILER
CN 24 - STATIC RELAY CUP WARMING

CN 13 - SONDA CALDEIRA CAFE GRUPO 1
CN 18 - SONDA CALDEIRA CAFE GRUPO 2

CN 14 - GROUP SENSOR 1
CN 19 - GROUP SENSOR 2

CN 34 - PRESSURE SENSOR HIDRIC NET

CN 27 - TEMP. SENSOR STEAM BOILER
CN 30 - TEMP. SENSOR CUP WARMING

CN 35 - KEYBOARD / DISPLAYS (OLED)

This drawing may be altered without previous notice.
Os elementos deste desenho podem ser alterados sem aviso prévio.

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