

laRhea V⁺ grande



SERVICE BOOK

**preliminary
safety
information**

before using the machine, carefully read this information that helps you behave properly and guarantee a safe use;
the following pages use the symbols listed here below, whose meaning is of attention:

**GENERAL;**

if the text is highlighted by this symbol, it is recommended to pay special attention to the performance of the procedures described; if not carefully performed on safe conditions, they can be source of general danger;

**HIGH VOLTAGE;**

if not properly performed, the actions marked by this symbol may expose to accidental contacts with electric voltage;

**DANGEROUS TEMPERATURE;**

if not properly performed, the actions marked by this symbol may expose to accidental contacts with high-temperature parts;

**MOVING MEMBERS;**

if not properly carried out, the actions marked by this symbol may expose to accidental contacts with moving members;

the same symbols are placed inside the vending machine to indicate the parts on which to act with the utmost caution;

**NON-IONIZING RADIATION;**

the people with cardiac pacemaker or similar medical devices shall not be near the / in the proximity of the machine when it is dispensing a drink and it is free of any external metal protection; if in any doubt, to avoid any danger, consult a physician before using this vending machine;

**SERVICE KEY IN USE;**

the symbol recommends the utmost attention during the actions described; the use of the service key intended to activate all machine functions when the door is open is only reserved to the technical operators who know the operation of the vending machine, who are aware of potential risks and who make sure they are operating on totally safe conditions;

the use of the service key shall be strictly limited to the time necessary to perform the actions requiring the use thereof; users shall be informed of the prohibition on using and approaching the vending machine;

**WEIGHT:**

the symbol reminds the user to consider the machine weight carefully for handling and placing it definitively;

**WATER SUPPLY;**

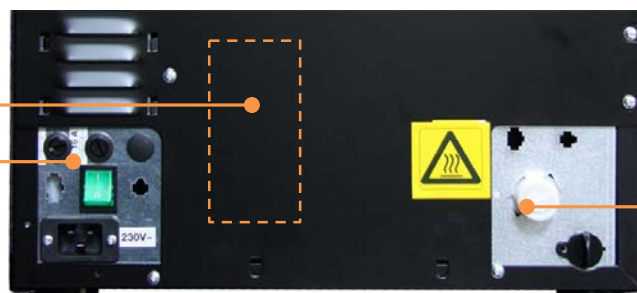
it marks the parts duly requiring caution in case of leakage, if connected with the hydraulic network;

**SUPPORT SURFACE;**

it reminds the user to install the machine on a support surface, the max. inclination of which is 2°;

safety rules for using the vending machine

- * * * pay special attention to the chapters and notes highlighted by the symbols of alert; strictly observe the rules concerning, in particular, the operators' and users' safety;
- * * * the vending machine may be used by children who are at least 8 years old and by people having reduced physical, sensory or mental capacities or not having all necessary experience and knowledge, provided that they are under supervision or after they have received all necessary instructions for using the machine on safe conditions and for understanding the dangers related thereto; children must be supervised and prevented from playing with the vending machine;
cleaning and servicing shall not be carried out by children;
- * * * if you should find out a water leak or the presence of smoke, immediately detach the vending machine from the electric and hydraulic network, never try to restore its operation and apply to skilled technicians;
- * * * the machine shall be installed according to national rules; pay special attention to the rules about the machines directly connected with the hydraulic network;
- * * * room (during storage and operation):
temperature: 5 °C ÷ 30 °C
relative humidity: max 80 %
- * * * the inclination of the vending machine support surface shall not exceed 2°;
- * * * if the hydraulic connection tube is not supplied with the machine or in case of replacement, the connection must be carried out only with:
 - new tube;
 - of type-approved material for food use;
 - compliant with "IEC 61770 Electric appliances connected to the water mains";
 - it can support the working pressure;
- * * * the user is not allowed to access the maintaining and servicing area that shall be properly signalled;
- * * * never remove protections, never override safety devices and never modify the machine or its components;
- * * * tools necessary to act with this vending machine:
 - a pair of scissors for electricians, a Phillips PH2 cross screwdriver for 4/6 mm self-threading screws, a set of wrenches up to 13 mm, a set of Allen wrenches from 2 to 8 mm;
 - it may be of use to procure some expendables, such as disposable paper, single-use gloves, clean cloths, cups and a bucket for the collection of waste water;
- * * * never wash the machine by using water jets; the vending machine is not suitable for installation in areas where it can be reached by water jets;
- * * * for cleaning at regular intervals refer to Service Manual - chapter 12;



residual risks

a residual risk is understood as a potential danger that can not be eliminated and it persists despite all precautions in use since it is related to the intrinsic features of the product and it also includes non-identifiable risks;

the actions and behaviours listed here below are intended to reduce residual risks and you shall always adopt them when interacting with the machine;



wear clothes that can properly avoid any accident (never wear rings, chains, clothes with laces or excessively long sleeves, ...);



carefully evaluate the treatment of residues from installation (wood, plastics, ...) and utilisation (product powder, bags, ...);



never repair or carry out any technical action if you have not been properly trained;



signal that a technical action is in progress on the machine (barriers against approach, signs, ...), carry it out quickly without leaving the station;



install the machine in a sheltered, illuminated, ventilated and noiseless environment; keep it clean and never place tools or any other object on it; never install it outdoors or, anyway, never expose it to atmospheric agents;



make sure it can be neither reached by water sprays or vapours nor hit by objects that might damage it;



carefully consider the machine weight and stability during the installation and in the final working position;



supply the machine within voltage, temperature, pressure and hydraulic limits, ... as it is detailed on the following pages and provide for an effective earthing;



even if detached from supply, the machine may contain hot pressurised water at a high temperature;



never detach hydraulic and electric supplies when they are active;

**general
guarantee
conditions**

these conditions regulate Rheavendors Industries S.p.A.'s obligations with reference to guarantee and repair; any other term or condition, either verbal or written, is not applicable, including those in the purchaser's purchase orders, if not explicitly accepted and signed by Rheavendors Industries S.p.A.; if the guarantee terms here below should be held not to be valid and/or lawful in the Country where the product is sold, they will not be effective whereas all the other clauses will remain valid and applicable;

- 1st the mechanical and electronic components of the machine are guaranteed for twelve months, starting from the sales date certified by the fiscal receipt;
- 2nd the guarantee shall be understood as the free replacement or repair of any part of the machine that – at the manufacturer's unquestionable discretion – should prove to be originally defective due to manufacturing defects; the cost of sending the manufacturer machines, defective pieces and spare parts will be totally charged to the user's account; the manufacturer reserves the right to use new or reconditioned components for repair; if replaced, original components will be guaranteed for 12 months; the parts replaced under guarantee will become the property of Rheavendors Services S.p.A. (request for "Form PO 19.01/2b" Materials under guarantee – Authorisation to return);
- 3rd in case of irreparable failure or if a failure of the same origin is repeated, the manufacturer may – at its unquestionable discretion – replace the machine with another one, the model of which is either the same or an equivalent one; the guarantee of the new machine will be extended up to the original term of guarantee of the replaced machine;
- 4th all the parts that should prove to be defective due to negligence or carelessness (non-observance of the instructions for the operation of the machine), incorrect installation or maintenance by unauthorised personnel, transport damage or any circumstance – anyway – not due to the manufacturing defects of the machine are not covered by guarantee; the installation and connection with supply plants as well as the maintenance operations mentioned by the installation manual are also excluded from any performance under guarantee; the guarantee will not cover payment systems either; whether installed on the machine or supplied as an accessory, they are subject to their manufacturer's guarantee whereas Rheavendors Industries S.p.A. will just act as a broker;
all changes made to the machine and not agreed with the manufacturer in writing will involve the immediate termination of the guarantee period and anyway fall under the Customer's total responsibility;
- 5th the guarantee is excluded in all cases of improper use of the machine;
- 6th Rheavendors Industries S.p.A. will disclaim all responsibility for any damage that may be directly or indirectly caused to people, animals or things as a result of:
improper use of the vending machine; incorrect installation; improper energy or water supply; serious maintenance deficiency; actions or changes not explicitly authorised; use of non original spare parts;
- 7th in case of failure, Rheavendors Industries S.p.A. is obliged neither to compensate any economic damage due a forced stop of the machine nor to extend the guarantee period;
if the machine should be transferred to a centre designated by the manufacturer for overhaul or repair, the relative transportation risks and costs will be charged to the user's account. The freight charges of machines, defective pieces and spare parts are always understood as charged to the user's account;

Preventive maintenance:

Preventive maintenance is performed periodically in order to reduce the incidence of equipment failure and the costs associated with it.

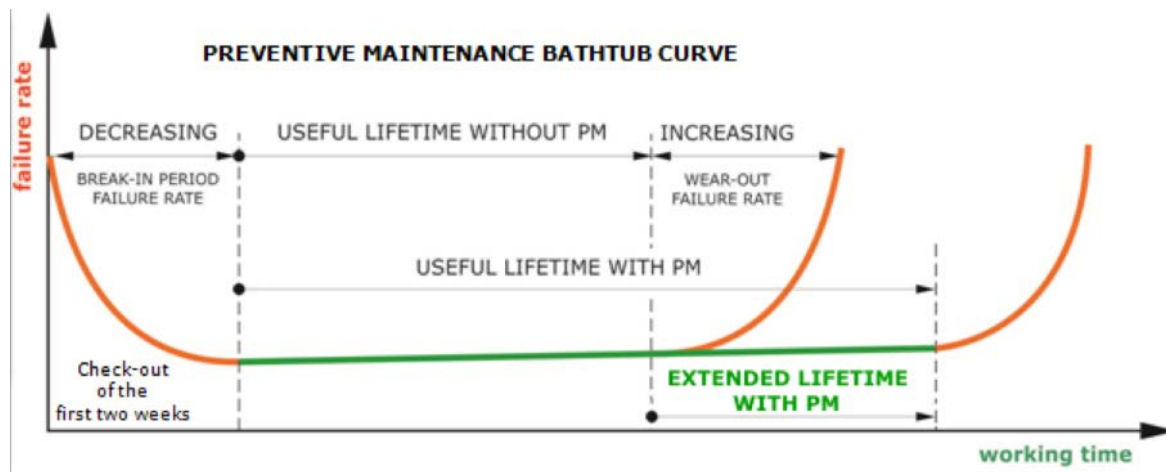
Ideally, preventive maintenance will take place just before failure occurs in order to maximize the time that equipment is in use between scheduled maintenance activities.

It is the preset check of the vending machines and all the replacements required to ensure the quality of products and to maintain the optimum performance of reliability of the vending machines series laRhea.

Scheduled PM (Preventive Maintenance) Program Overview:

the purpose of scheduled Preventive Maintenance is to avoid or reduce emergency service costs by implementing a standardized regular interval of Preventive Maintenance.

the bathtub curve is typically used as a visual model to illustrate the three key periods of product failure.



note: preventive maintenance increases the useful lifetime of the machine; the mean-time-to-failure (MTTF) or bathtub curve indicates that a new machine has higher probability of failure during the first two weeks of operations, usually caused by setting issues. Following this initial period, the probability of failure is low for an extended period of time.

After this normal machine life period, the probability of failure increases sharply with elapsed time of hours of operations. Preventive maintenance is based on replacing components after a certain length of time or amount of use to extend the operating life of machines.

The following pages summarize the scheduled preventive maintenance suggested for Rhea Machines; the level of PM performed will be determined by cycle count accumulations or months since the first installation.

Use only official Rheavendors spare parts

CLEANING. Cleaning of the machine is mandatory for a correct maintenance of the machine. It must be considered as an active part of the preventive maintenance.

Concept of “preventive maintenance”

The components and assembly parts included in the preventive maintenance kit for Rhea machines are conceived according to our experience and considering:

1. Use cases: the cycles required by Rheavendors refer to standard conditions of indoor use and can't be considered valid in case, for example, of use of the machines in particularly wet environments, hot or dusty location
2. Wear and tear of the components at distribution stage
3. Wear and tear of the components with time
4. Natural deterioration of materials due to the different work cycles (daily consumptions) inside the machines
5. Changes in the performances due to the raise of damaging elements for the components themselves, such as:
 - scale (water filter is recommended)
 - different consistency of the coffee beans
 - remains of coffee inside the grinders for a long inactivity time
 - cleaning of the machine
6. Sizing of the machines according to the number of consumptions per day
7. Observance of the easy cleaning procedure during each loading in the vending case
8. Observance of the deep cleaning and sanitization procedures of the machines, that allows to work under the existing sanitary-hygiene regulations.

Note that HACCP rules are not mentioned in this document. Please refer to the specific rules of your country.

In the light of the above, the preventive maintenance cycles are as follows:

- A. Every 10.000 consumptions: 10k, 20k, 30k, 40k, 50k, 60k, 70k, 80k, 90k, 100k, 110k, 120k, 130k, 140k, 150k, 160k, 170k, 180k and so on
- B. Every 30.000 consumptions: 30k, 60k, 90k, 120k, 150k, 180k and so on
- C. Every 60.000 consumptions: 60k, 120k, 180k, and so on
- D. Every 90.000 consumptions: 90k, 180k, and so on

Should any operational anomalies arise due to any events or circumstances not listed above, Rheavendors will be able to review and adjust the data according to such anomalies.

In case of machines with fewer consumptions, the preventive maintenance for some specific components MUST be done at least once a years. Refer to the following pages for more details.

Also, **long inactivity could create some trouble.** In that case it could be required to change the components that are effected by this problem (gaskets, silicon pipes, ...)

A deep cleaning of the machine will be also required, replacing the internal water and activating a sanitization process. This is required also to remove fouling and blocking due to leak of cleaning.

A cleaning of the grinder mills could be also required in order to remove residual of old coffee beans already grinded.

Boiler descaling and replacing

Descaling and replacing of the boiler or its elements is not directly related to the number of dispensing cycles. **Also if the machine is not dispensing**, the heating element is continuously activated to keep warm the water.

Descaling is related to the **water hardness**, that's why use of specific **filter** is always recommended.

In the market are available several substance for boiler descaling. De to this **is not possible to provide a specific rule about the descaling and replacing frequency**.

Generally speaking, descaling could be required 1-2 times in a year.

Considering that descaling can reduce the life of the boiler, expecially the heating element, we suggest to change the boiler after some descaling cycles. An average period for replacing can be defined in 3-5 years.

Grinder mills replacing

The amount of cycles for the PM that we suggest is considered with an average of 7 grams of coffee, coffee beans with standard hardness and standard granulometry setting. In case of different conditions, the frequency of the mills replacement can be different.

After the replacement a new pre grinding period must be considered.

The following tools are required:

- Philips screwdrivers short and long
- Open-end wrenches 8, 10, 12 and 13 mm
- Silicone grease (GRS0000004)
- Pliers

Service maintenance A**Service maintenance A routine:**

- .. Visually inspect brewing-unit, clean brewing chamber
- .. Exchange brewer parts and grease o-ring
- .. Exchange mixers parts
- .. Check beverage setting according to specifications or according to customer wish

Additional controls:

- .. Check eventually presence of scale on safety valve
- .. At least **once a year** replace the silicon pipes
- .. Exchange optional parts if required (fresh milk system or similar)
- .. Check optional settings

Service maintenance B

The maintenance B will be considered in addition to the maintenance A, when required.

Service maintenance B routine:

- .. Visually inspect brewing-unit, clean brewing chamber
- .. Exchange brewer parts and grease o-ring
- .. Exchange mixers parts
- .. Exchange grinder parts
- .. Exchange brewer PTFE pipe
- .. Check beverage setting according to specifications or according to customer wish

Additional controls:

- .. Check eventually presence of scale on safety valve
- .. At least **once a year** replace the silicon pipes
- .. Exchange optional parts if required (fresh milk system or similar)
- .. Check optional settings

Service maintenance C

The maintenance C will be considered in addition to the maintenance A and B, when required.

Service maintenance C routine:

- .. Visually inspect brewing-unit, clean brewing chamber
- .. Exchange brewer parts and grease o-ring
- .. Exchange mixers parts
- .. Exchange fans
- .. Exchange Varitherm parts (if installed)
- .. Check boiler parts (exchange if required)
- .. Check product container parts (exchange if required)
- .. Exchange brewer PTFE pipe
- .. Check beverage setting according to specifications or according to customer wish

Additional controls:

- .. Check eventually presence of scale on safety valve
- .. At least **once a year** replace the silicon pipes
- .. Exchange optional parts if required (fresh milk system or similar)
- .. Check optional settings

Service maintenance D

The maintenance D will be considered in addition to the maintenance A, B and C, when required.

Service maintenance C routine:

- .. Visually inspect brewing-unit, clean brewing chamber
- .. Exchange brewer parts and grease o-ring
- .. Exchange mixers parts
- .. Exchange fans
- .. Exchange hot water EV
- .. Exchange boiler parts (if required)
- .. Exchange grinder motor and specific parts
- .. Exchange brewer gearbox motor parts
- .. Exchange product container parts
- .. Exchange brewer PTFE pipe
- .. Check beverage setting according to specifications or according to customer wish

Additional controls:

- .. Check eventually presence of scale on safety valve
- .. At least **once a year** replace the silicon pipes
- .. Exchange optional parts if required (fresh milk system or similar)
- .. Check optional settings

Critical

It's recommended to have these parts in stock for service. In case of out of order or damage, these parts will increase the possibility to repair the machine, reducing the out of order time.

Legenda

- Table: table title (grey background)
- Pos: position reference
- Code: part number
- Description: part description
- Critical: parts considered critical. These parts should be always in stock for service.
- Preventive maintenance:
 - A: first cycle of PM
 - B: second cycle of PM
 - C: third cycle of PM
 - D: forth cycle of PM
 - X = number of parts to be replaced during the PM. These numbers are calculated for each machine, considering the maximum configuration available. "xN" means that the number is variable, according to the machine configuration.
 - Y = parts to be replaced at least once a year
 - CK = check the part in order to verify if is required to clean it or replace it
 - § = assembly symbol.
- The single parts are in alternative to the recommended critical assembly components indicated with symbol §
- Recommended Spare Parts, considering the number of vending machines. Number of suggested part to have in stock for service. This number is not including the parts required for the preventive maintenance, but just for minimal stock.

The amount of parts required for the PM are calculated considering the maximum configuration of the machine model. Some detailed info about the machine configuration can be found in the machine code, following this conversion table:

Machine code structure: **D MMM T O VV I M CCC**

For example : D 230 6 6 A0 4 2 376

MMM = Machine model

T = Machine Type

- 0 = Espresso - 1 = Instant - 6 = Induction Espresso

O = Optionals:

- 0 = Standard - 5 = Unplumbed version - 6 = Plumbed version

VV = Version Index:

A0 = ... A1 = ... To be specified by Rheavendors technical office

I = N° instant canisters (not included the coffee beans canisters):

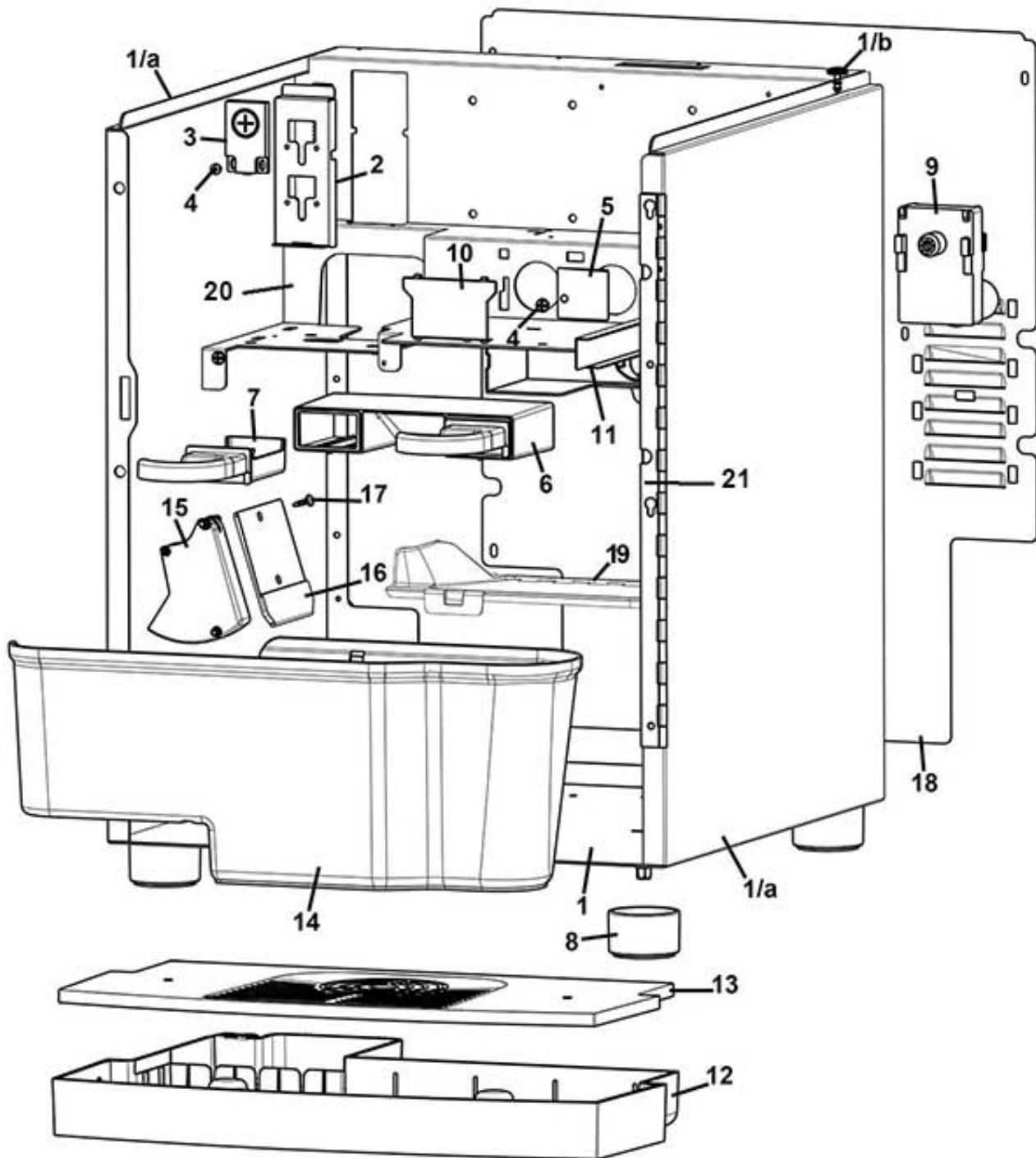
1 = 1 canister .. 6 = 6 canisters

M = N° mixing bowls / mixers

1 = 1 mixing bowl/mixer .. 3 = 3 mixing bowls/mixers

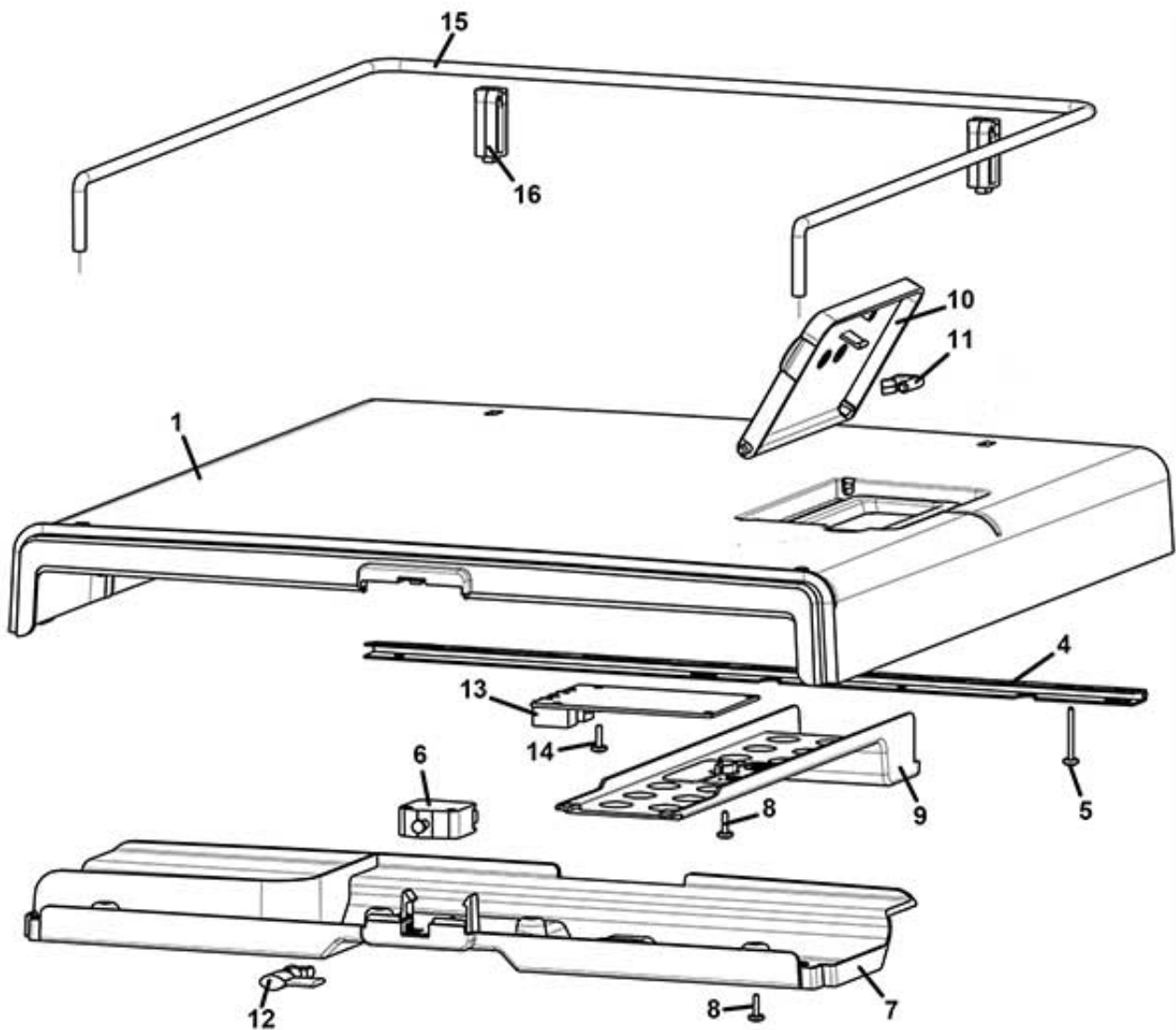
CCC = Customer code, for example 376 = Romania

cabinet



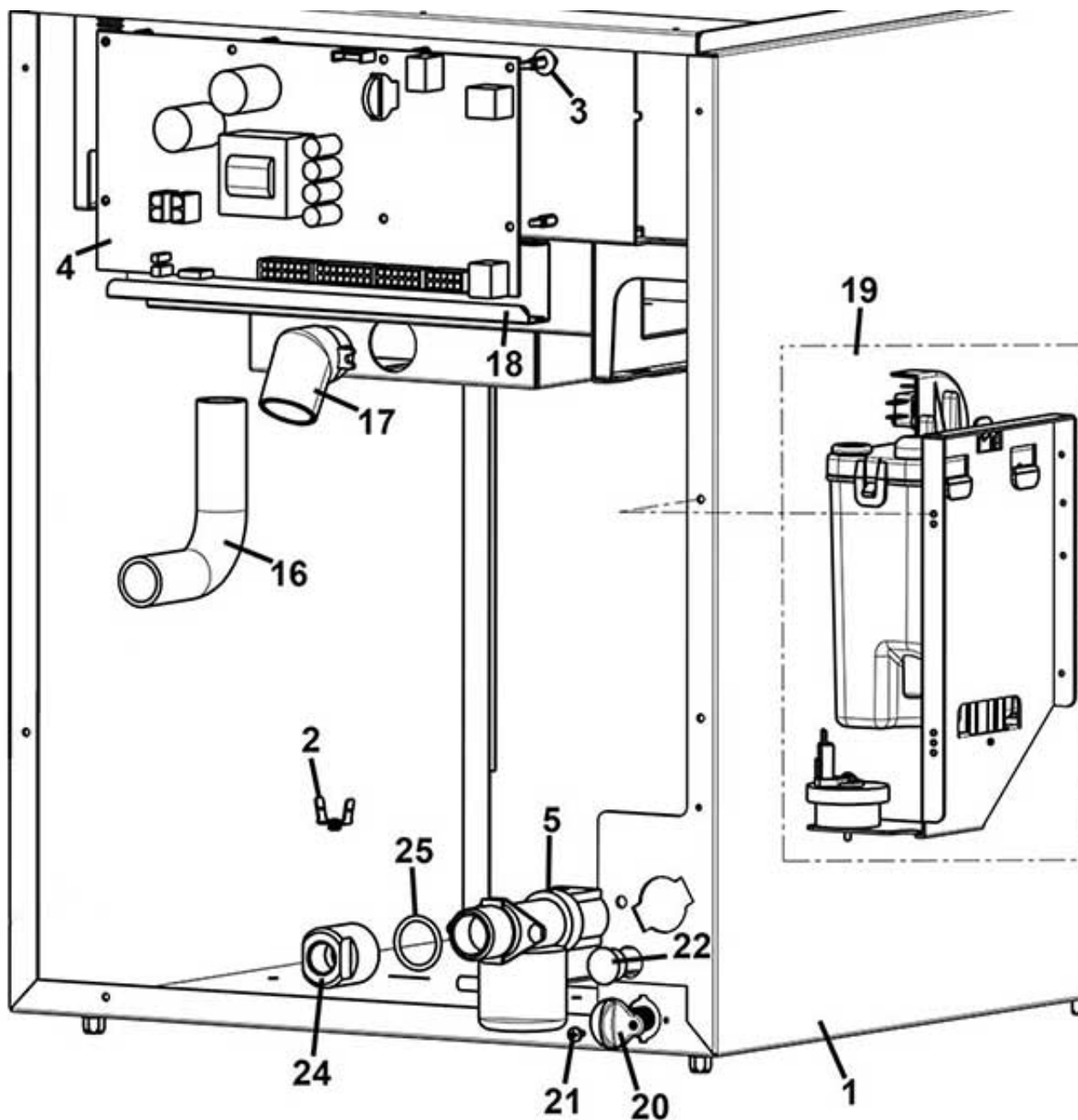
cabinet							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z001A122100NAR	BLACK CABINET + PACKAGE					
1/a	Z0010024183NA	SIDE COVER SX-DX XS					
1/b	VIT0000106	SCREW COUNT FLAT HEAD M4X8					
2	Z0010024167NA	COFFEE SENS COVER PLATE BLACK					
3	ELE0004001	§ CAPACITIVE SENSOR					
4	VIT0001010	M 3x12 TCB SCREW					
5	Z0010024186NA	PRODUCTS SENSOR COVER BLACK					
6	Z0010027037	TRAP DRAWER					
7	Z0010027022	TRAP DRAWER REMOVABLE	X				
8	Z0010024111CL1	§ MACHINE FOOT D.50X29 RAL9005					
9	Z0090002113	MOTOR 24 DC 97 RPM	X				X
10	Z0010020029NA	GEARBOX MOTOR PLUG BLACK					
11	Z0010024187NA	WIRING SUPPORT (BLACK)					
12	Z0020039036CL	§ DRIP TRAY+SPRING BLACK	X				
13/1	Z0010028454	DOUBLE COFFEE DRIP TRAY GRID					
13/2a	Z0010028459	WIRE S.STEEL DRIP TRAY GRID					
13/2b	Z0020039144NA	WIRE S.STEEL DRIP TRAY SUP					
13/3	Z0020039035NA	DRIP TRAY GRID BLACK					
14	Z0010024154	GROUNDS CONTAINER					
15	Z0010024164-02	GROUNDS EJECTOR	X				
16	Z0010024165	GROUNDS EJECTOR PLATE	X				
17	VIT0002027	SCREW ST HEAD CAP M3.5X13					
18	Z0010024032-02NA	REAR PANEL (BLACK)					
19	Z001A128000NA-03	WASTE PADS CONTAINERLID					
20	Z0010024191NA	GRINDER MOTORIZED SUPPORT					
21	Z001A122121	DOOR HINGE					
100	Z0010024164R	§ GROUNDS EJECTOR Pos.15+16+17	X				

UPPER COVER

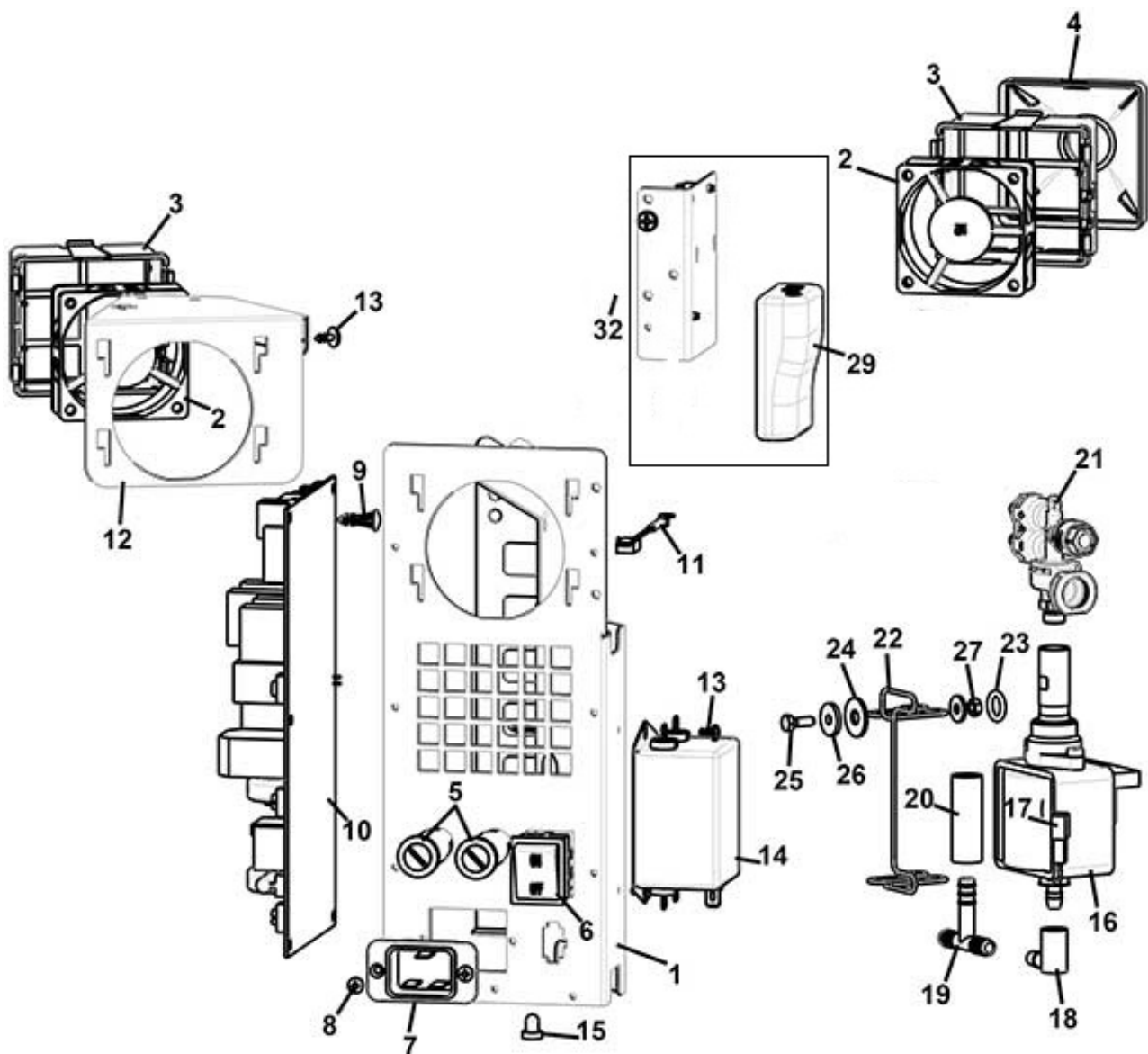


UPPER COVER							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z0010024116-03NA	UPPER COVER XS-08 RAL 9005					
4	Z0010024012	HINGE D.5,5 L.390					
5	VIT0002456	SCREW HEAD TAP M3.5X25					
6	ELE0002019	SWITCH 16A 250V	X				CK
7	Z0010024114NA	UPPER COVER CLOSING BLACK					
8	VIT0002469	SCREW HEAD TAP M3.5X10					
9	Z0010024119NA	CABLE COVER					
10	Z0010024118NA	INLET WATER LID XS08 RAL 9005					
11	Z0020037124NA	PIN					
12	Z0270011109IC	SERVICE KEY RAL2011	X				
13	SCH0006261	RFID CARD READER_1	X				
14	VIT0002452	SCREW HEAD TAP M3.5X12					
15	Z0010024124	GUARD RAIL 1 THREAD					
16	Z0010027272AG	RING SUPPORT TRASPARENT					

rear cabinet

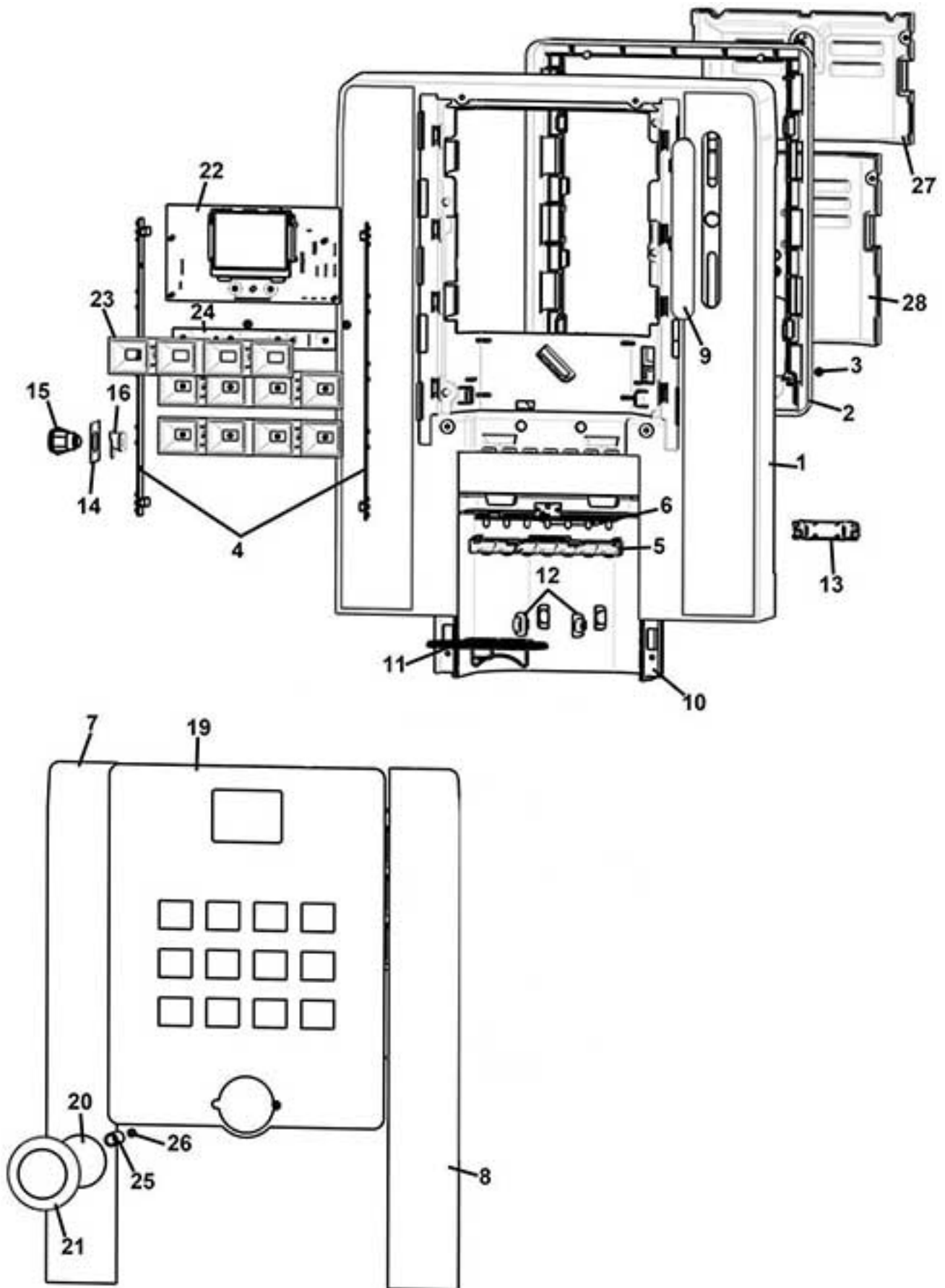


rear cabinet							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z001A122100NAR	BLACK CABINET + PACKAGE					
2	ELE0060520	GROUND PIN					
3	ELE0062020	BOARD SUPPORT					
4		See table STM 32 BOARD					
5	Z0110001058	WATER INLET VALVE 24V DC	X		CK		X
16	TEOL000001CL1	EXTRACTOR TUBE D.20 170MM	X				X
17	Z0010027043NA	EXTRACTOR TUBE BLACK	X				
18	Z0010024161NA	WIRING SUPPORT (BLACK)					
19		See table water inlet panel					
20	Z0600016455	H2O OUTLET PLUG	X				
21	VIT0002009	SCREW ST HEAD CAP M3.5X6.5					
22	GUA0011010	PLUG					
24	Z0100006001-01	F/F CYLINDRIC 3/4-3/8 REDUCT.					
25	GUA0000021	OR 130 NBR AL 75 BLACK					



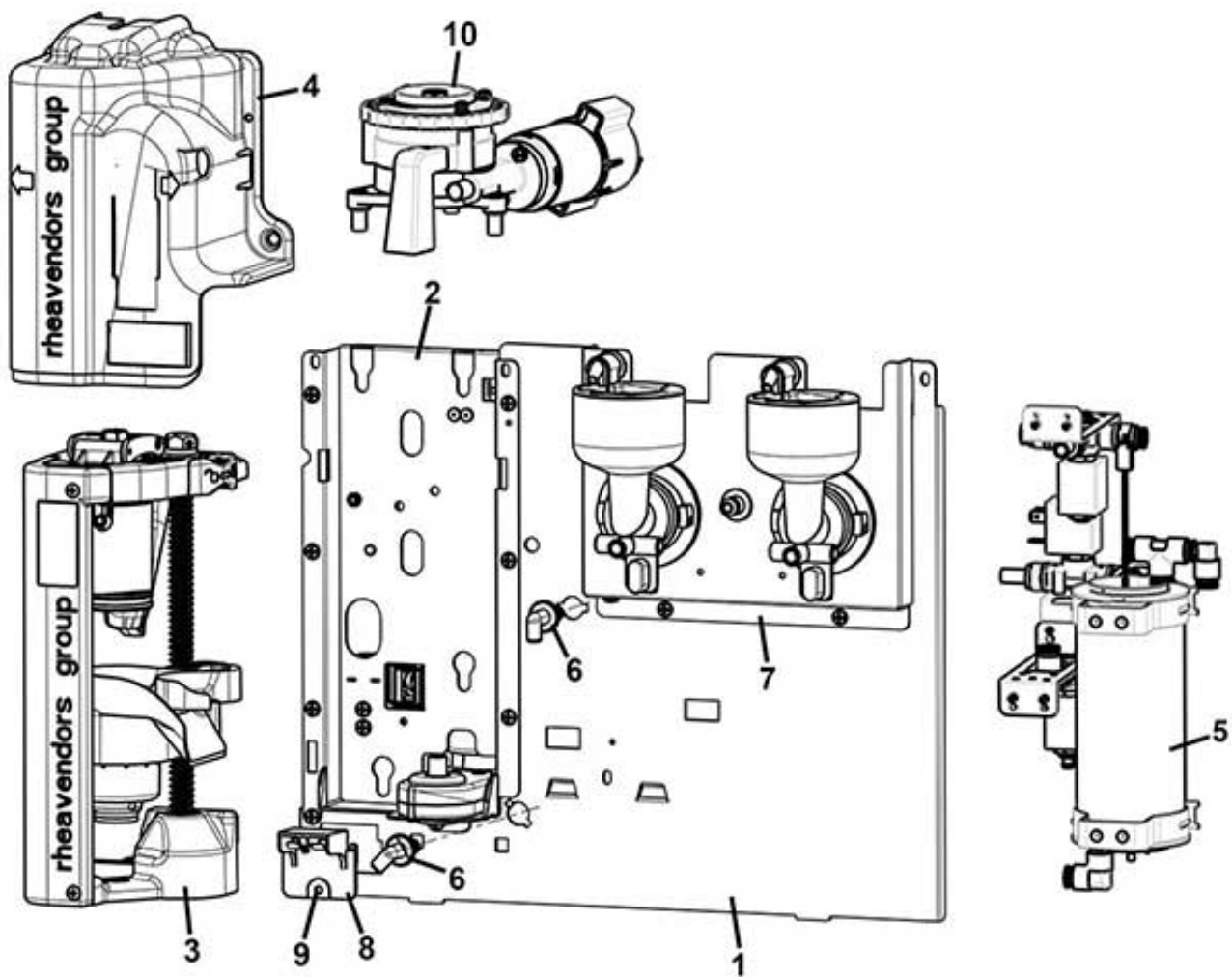
Electronic components support							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z0130013067-04	ELECTRIC COMPONENT SUPPORT					
2	ELE0000461	FAN 24V DC-HIGH SPEED	X	CK	CK	CK	X*
3	Z0010027064	FAN SUPPORT					
4	Z0010027065	FAN CONNECTOR					
5	ELE0003509CL1	FUSE HOLDER+FUSE 16A					
6	ELE0002020	BIPOLAR SWITCH 20A 250V	X				
7	ELE0002350	MAINS SOCKET 16A	X				
8	VIT0002010	SCREW ST HEAD CAP M3.5X9.5					
9	ELE0062020	BOARD SUPPORT					
10	SCH0009864	VARITHERM BOARD_3	X				
11	ELE0000989CL	PROBE	X				
12	Z0130013064	FAN SUPPORT INDUCTION BOARD					
13	VIT0002009	SCREW ST HEAD CAP M3.5X6.5					
14	ELE0009066	NOISE FILTER 16A	X				
15	Z0020018061	SELECTION BUTTON PLUG					
16/a	Z0110004063	PUMP EP5 230V 50HZ	X		CK	X	
16/b	Z0110004067	PUMP EP5 220V 60HZ For version 220V	X		CK	X	
17	ELE0000915	PUMP THERMOPROTECTOR	X				
18	Z0110004023	CONNECTOR	X				
19	Z0100003022	T CONNECTOR 461 TS UL	X				
20/a	TSIL05/08T-10	SILICON HOSE 5X8 MT.10	X	Y	Y	Y	Y
20/b	TSIL05/08T-50	SILICON HOSE 5X8 MT.50					
21	Z0110001151R	VALVE 3W W/BY-PASS 11BAR	X		CK	X*	
22	Z0110004038	PUMP SUPPORT					
23	GUA0000043	OR 109 NBR AL 75 BLACK	X				X
24	1600001098	RUBBER SPACER D. 4,5					
25	VIT0000013	SCREW HEAD TAP CAP M4X12					
26	VIT0003301	WASHER 4,3X12X1,5					
27	VIT0004503	NUT M4					
28	Z0010028236	MODEM SIERRA SUPPORT					
29	KITTMON020	JANZTEC TM-ON KIT Include Modem+cable+antenna					
32	KITTMON021	KIT TMON XSGR-EC JANZTEC Kit with support to adapt to xs Gr_Ec					

DOOR



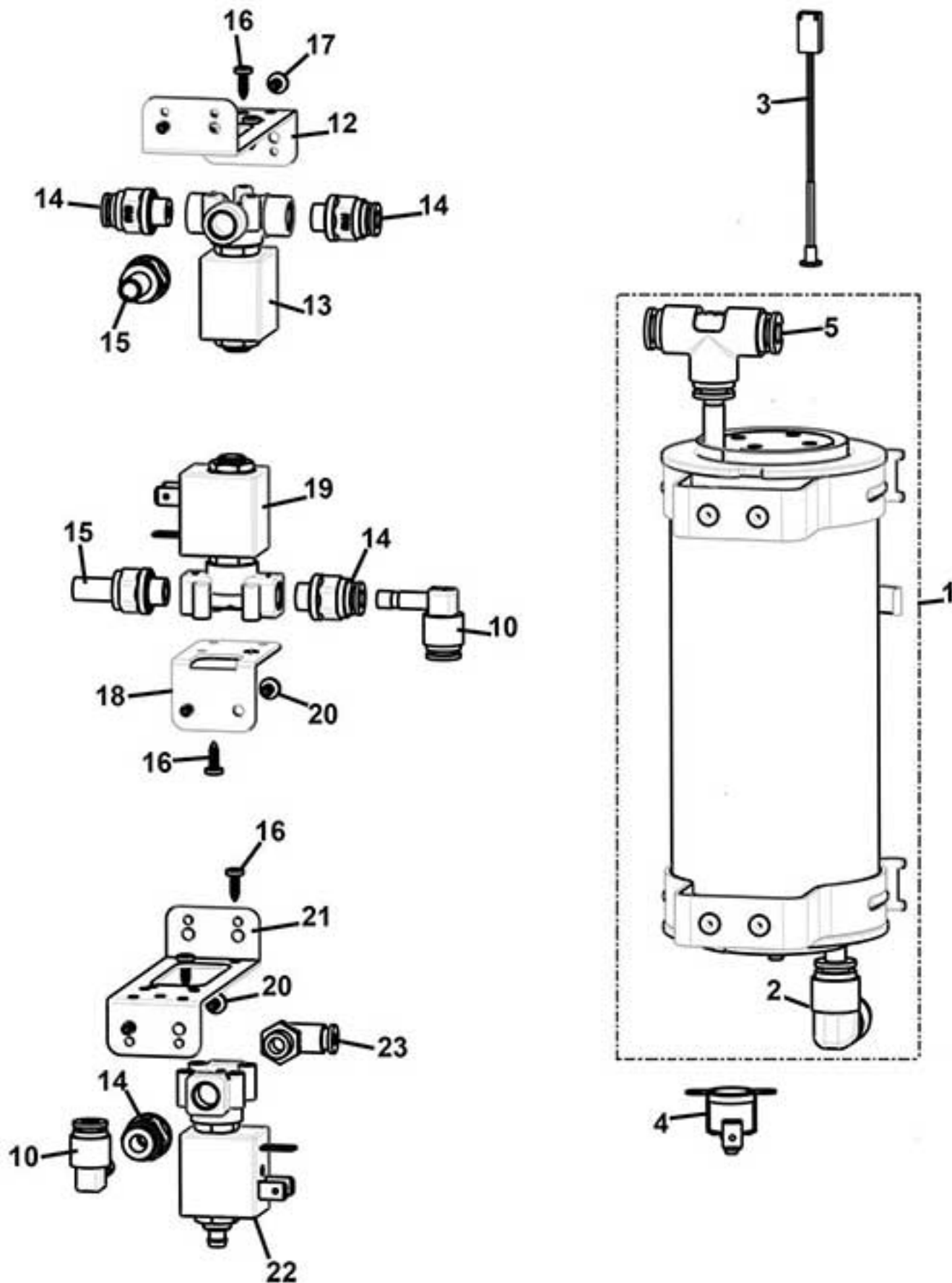
DOOR							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z0020039131CM	DOOR (RAL9006)					
2	Z0020039132CM	DOOR FRAME (RAL9006)					
3	VIT0002466	SCREW HEAD TAP M3.5X16					
4	SCH0008120	LIGHTING BOARD					
5	Z0020039078TR	CUP STAT.ENLIGHTENMENT SUPPORT					
6	SCH0008144	LIGHTING CUP STATION BOARD					
7/a	1030000091	LEFT LATERAL PANEL (BROWN)					
7/b	1030000120	LEFT LATERAL PANEL (BLACK)					
7/c	1030000118	LH SIDE DOOR PANEL SILVER					
8/a	1030000110	RIGHT LATERAL PANEL (BROWN)					
8/b	1030000121	RIGHT LATERAL PANEL (BLACK)					
8/c	1030000119	RH SIDE DOOR PANEL (SILVER)					
9	Z0020039416	COIN ENTRY BLANK PLATE					
10/a	Z0020039071XM	CUP STATION FRAME (METALLIC)					
10/b	Z0020039091XM	CUP STAT FRAME W/SENSOR HOLE For version with the cups sensor kit					
11/a	Z0010028455	S.STEEL CUPS SUPPORT					
11/b	Z0010028502	WIRE S.STEEL SINGLE CUP SUPP.					
11/c	Z0010028450	S.STEEL DOUBLE CUPS SUPPORT					
11/d	Z0020039072NA-02	CUP SUPPORT BLACK	X				
12	Z0020039073NA	CUP SUPPORT PIN BLACK	X2				
13	Z0020039087-03IC	CUP HOLDER BRACKET					
14	Z0020037014	LOCK PLATE					
15/a	SER0000024/1	LOCK INOX RVI MM20 C.3374	X				
15/b	SER0000023	LOCK RIELDA	X				
16	Z0020037015	LOCK PLATE					
19/a	1030000201R	§ PLEXIGLASS+CAP. KEYPAD+PANEL	X				
19/b	1030000202R	§ PLEXIGLASS+CAP. KEYPAD+PANEL	X				
20	1030000188	ADHESIVE LOGO					
21	Z0020039084CL	§ DOOR LOGO FRAME CROMO					
22	SCH0009983-01	3,5" DISPLAY BOARD	X				
23	Z0020037675AB	LIGHT BUTTONS GUIDE					
24	SCH0010060	KEYPAD LIGHTING BOARD					
25	Z0020039137	SPACER					
26	VIT0002461	SCREW HEAD TAP M4.2X26					
27	Z0020039134IC	UPPER DOOR RAL2011					
28	Z0020039076-01NA	LOWER INTER. DOOR COVER BLACK					

mixer plan (espresso version)



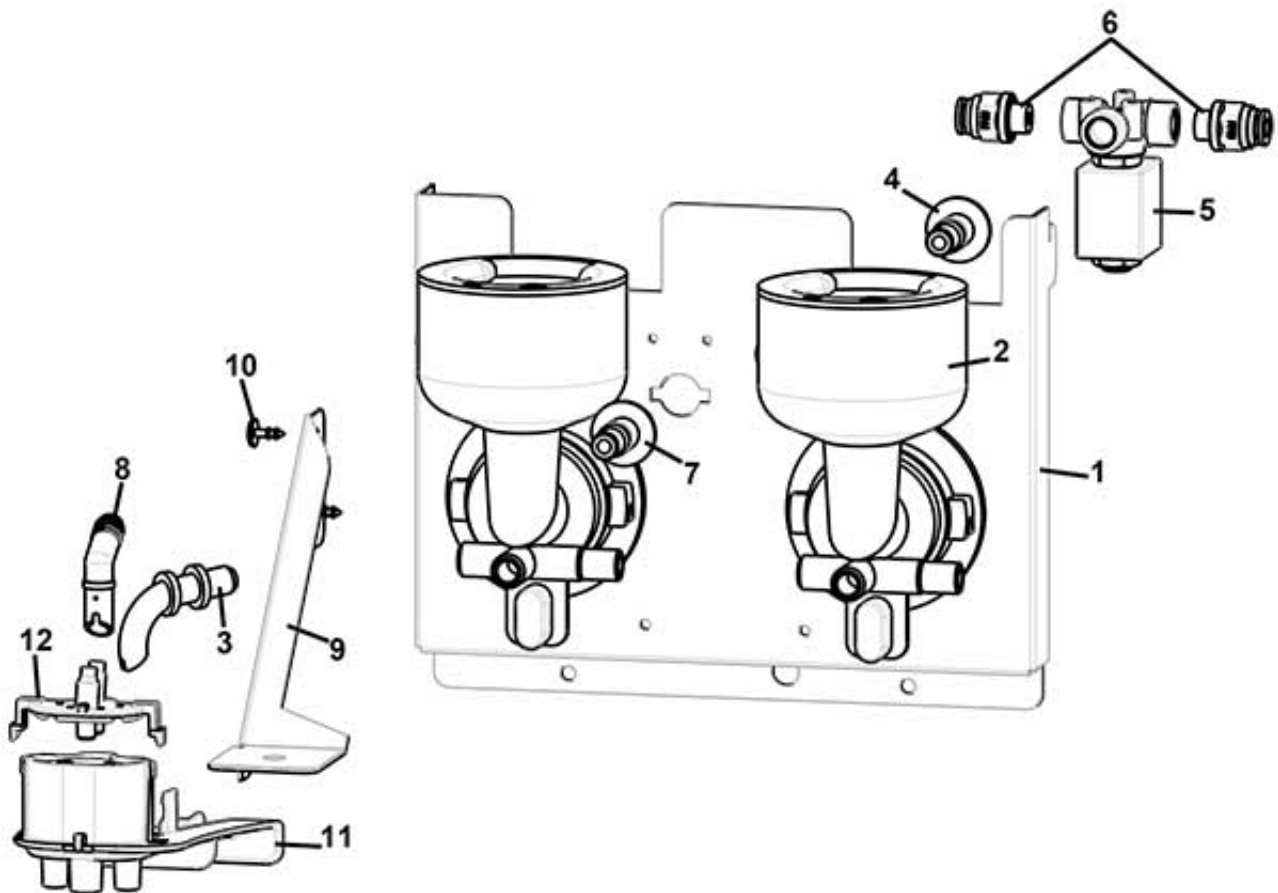
mixer plan (espresso version)							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z0260014036-02NA	VARITHERM+VARIFLEX PLATE					
2		See table PRO BREWER SUPPORT+MOTOR					
3		See table PROFESSIONAL BREWER GROUP D.45					
4	Z0250014007CL1	§ VARIFLEX BREWER COVER-TT					
5		See table VARITHERM					
6	Z0080100084	90° CONNECTOR					
7		See table 2 MIXERS SUPPORT ASSEMBLY					
8	Z0010020836CL	§DRIP TRAY SENSOR	X				
9	VIT0002009	SCREW ST HEAD CAP M3.5X6.5					
10		See table GRINDER					

VARITHERM

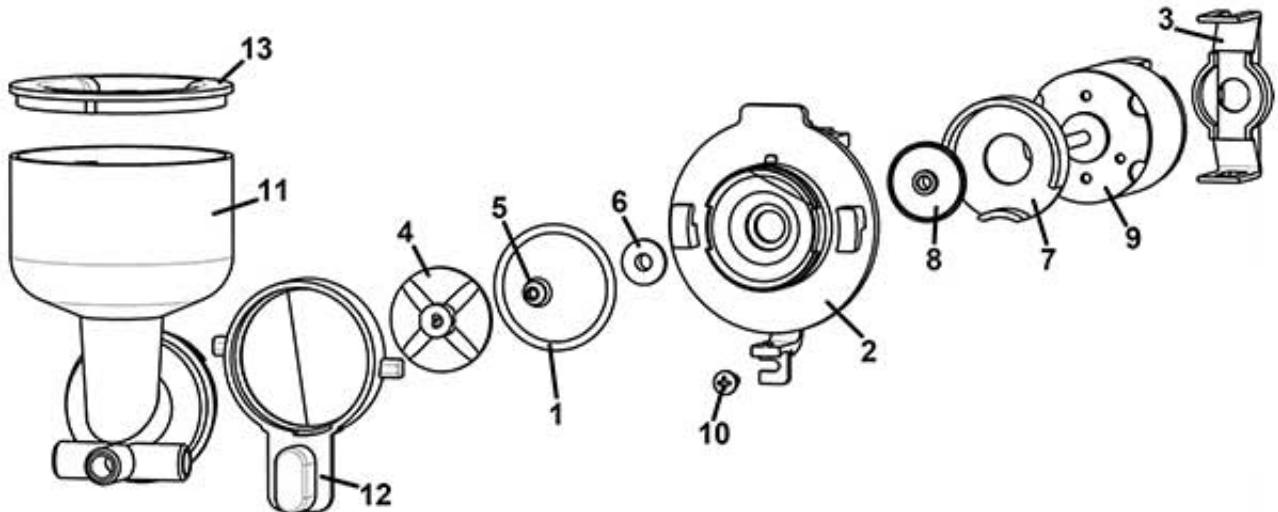


VARITHERM							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1/a	KITXSG0035	INDUCTION COIL It includes the EV W/BYPASS and also the longer PTFE pipe. With reference to the TSB-20180129-04					
1/b	KITXSG0036	BY-PASS+ELBOW KIT With reference to the TSB-20180727-01					
1/c	KITXSG0037	COIL KIT With reference to the TSB-20180727-01					
2	Z0100001158	FITTING ELBOW D6-D6 With reference to the TSB-20180727-01	X				
3	ELE0000986	PROBE	X				
4	ELE0000987	CLIXSON 105°	X				
5	Z0100001154	T CONNECTOR					
10	Z0100001156	FITTING ELBOW D6-D6	X				
12	Z0600019915-P3	VALVE SUPPORT					
13	Z0110001130	VALVE 2WX3INLET 24V DC 6W	X		CK	X*	
14	Z0100001150	STRAIGHT CONNECTOR M G1/8 D6					
15	Z0100001137-01	ADAPTOR CYLINDRICAL G1/8 D.8					
16	VIT0002011	SCREW ST HEAD CAP M2.9X9.5					
17	VIT0002009	SCREW ST HEAD CAP M3.5X6.5					
18	Z0600019913	VALVE SUPPORT					
19	Z0110001140	VALVE 2W 24V DC 6W	X		CK	X*	
20	VIT0002401	SCREW ST HEAD CAP M3.5X9.5					
21	Z0600019915-P3	VALVE SUPPORT					
22	Z0110001145	VALVE 3WAY 5W 24V DC	X		CK	X*	
23	Z0100001104	ELBOW 4-1/8 CONNECTOR					
100	Z0600019920R	§ SOLUBLE VALVES VARITHERM XSG With reference to the TSB-20180129-01					

2 MIXERS SUPPORT ASSEMBLY

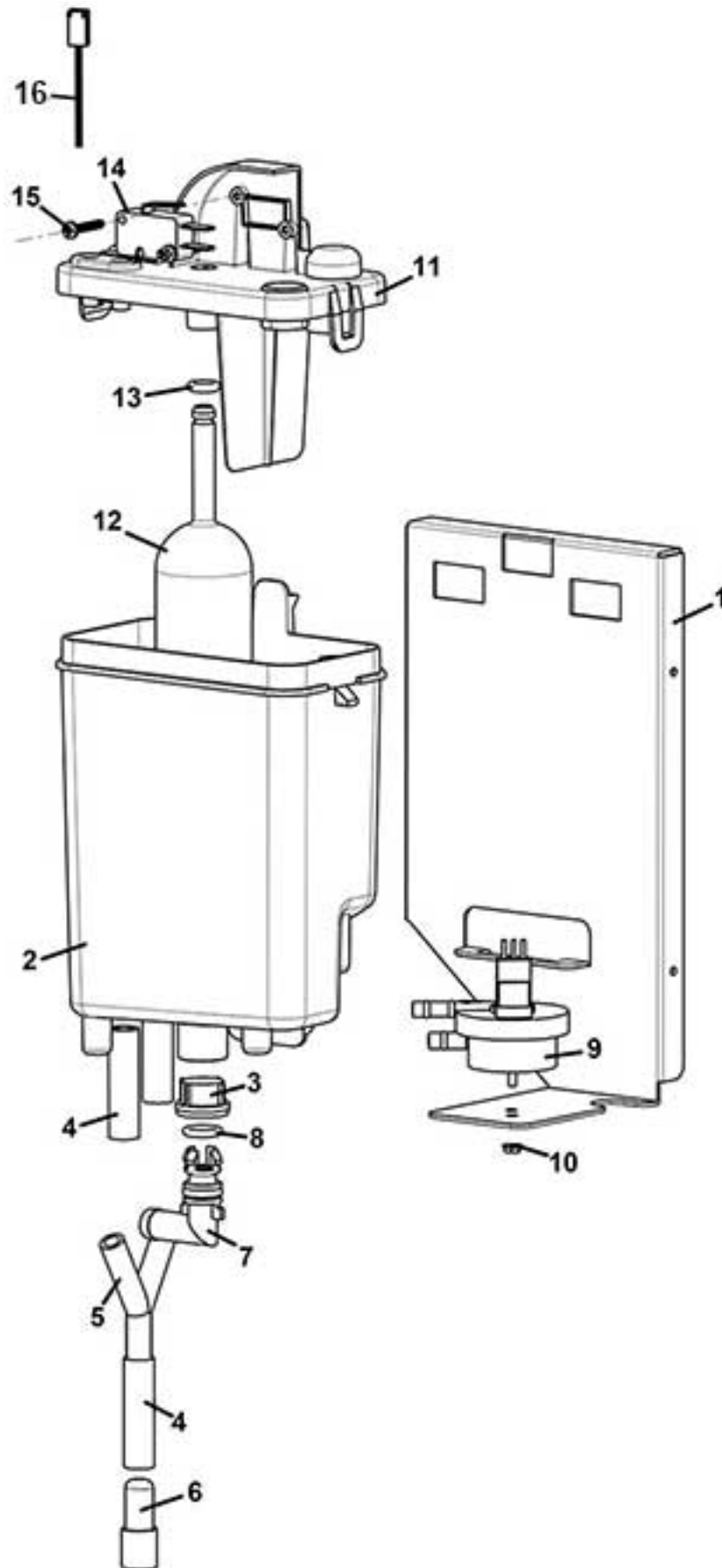


2 MIXERS SUPPORT ASSEMBLY							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
11/a							
1	Z0080200036-04NA	MIXER SUPPORT					
2		See table mixer					
3	Z0010020052	PRODUCT NOZZLE	X	Y	Y	Y	Y
4	Z0080100153	MIXER CONNECTOR G 1/8 BLACK	X	Y*	Y*	Y*	Y*
5	Z0110001130	VALVE 2WX3INLET 24V DC 6W	X		CK	X*	
6	Z0100001150	STRAIGHT CONNECTOR M G1/8 D6					
7	Z0080100013	MIXER CONNECTOR	X	Y*	Y*	Y*	Y*
8	Z0020039533	SPOUT DELIVERY 30° D.6	X				
9	Z0080200014NA	HOSES SUPPORT					
10	VIT0002401	SCREW ST HEAD CAP M3.5X9.5					
11	Z0380020011CG	DOUBLE SPOUT NOZZLES HOLDER for double spout version					
11/a	Z0020039552	NOZZLES HOLDER (BLACK) for std version	X				
12	Z0380020012CG	DOUBLE SPOUT COVER for double spout version					



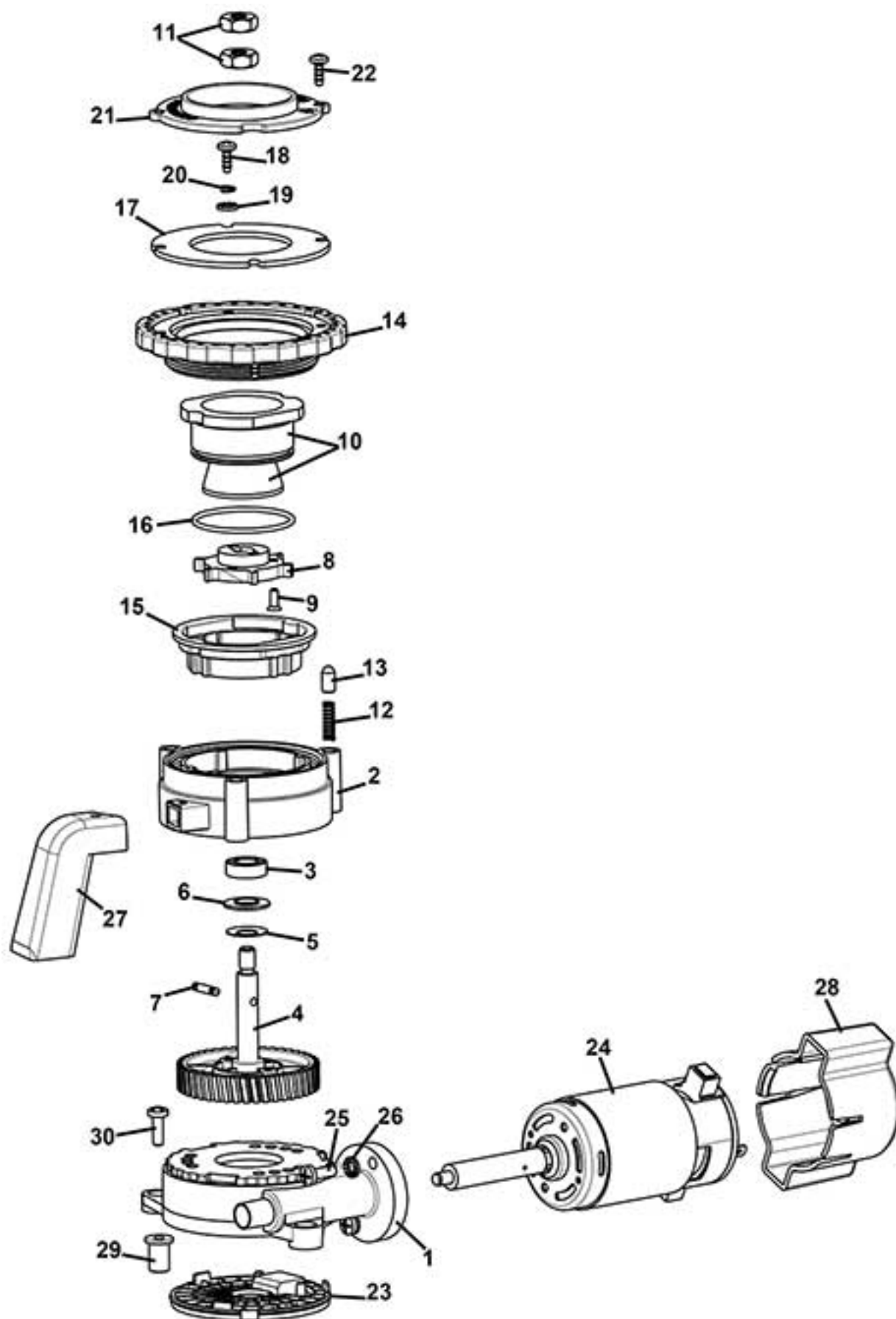
mixer							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	GUA0000084	OR 3131 RED SILICONE A60	X	Y	Y	Y	Y
2	Z0080100005	MOTOR MIXER BASE					
3	Z0080100009C	MIXER MOTOR SUPPORT RAL2011	X				
4	Z0080100011	MIXER FAN	X	CK	Y	Y	Y
5	Z0080100102	MIXER SHAFT GASKET	X	CK	Y	Y	Y
6	Z0080100015	MIXER BUSH	X				
7	Z0080100023C	MIXER COVER RAL2011					
8	Z0080100024	MIXER FAN					
9	Z0090003023	MIXER MOTOR 24V DC SHAFT D.4	X				X
10	VIT0002401	SCREW ST HEAD CAP M3.5X9.5					
11/a	Z0080200101L	MIXING BOWL L.W/H20 BREAKER	X				
11/b	Z0080200102R	MIXING BOWL R.W/H20 BREAKER	X				
11/c	Z0080200103C	MIXING BOWL F.W/H20 BREAKER	X				
12	Z0080100006C	LOCK RING RAL2011	X				
13	Z0080100008	UPPER RING					
100	Z0080100001R	§ MIXER BOWL BASE+MOTOR (from pos.1 to pos.9)	X				

water inlet panel

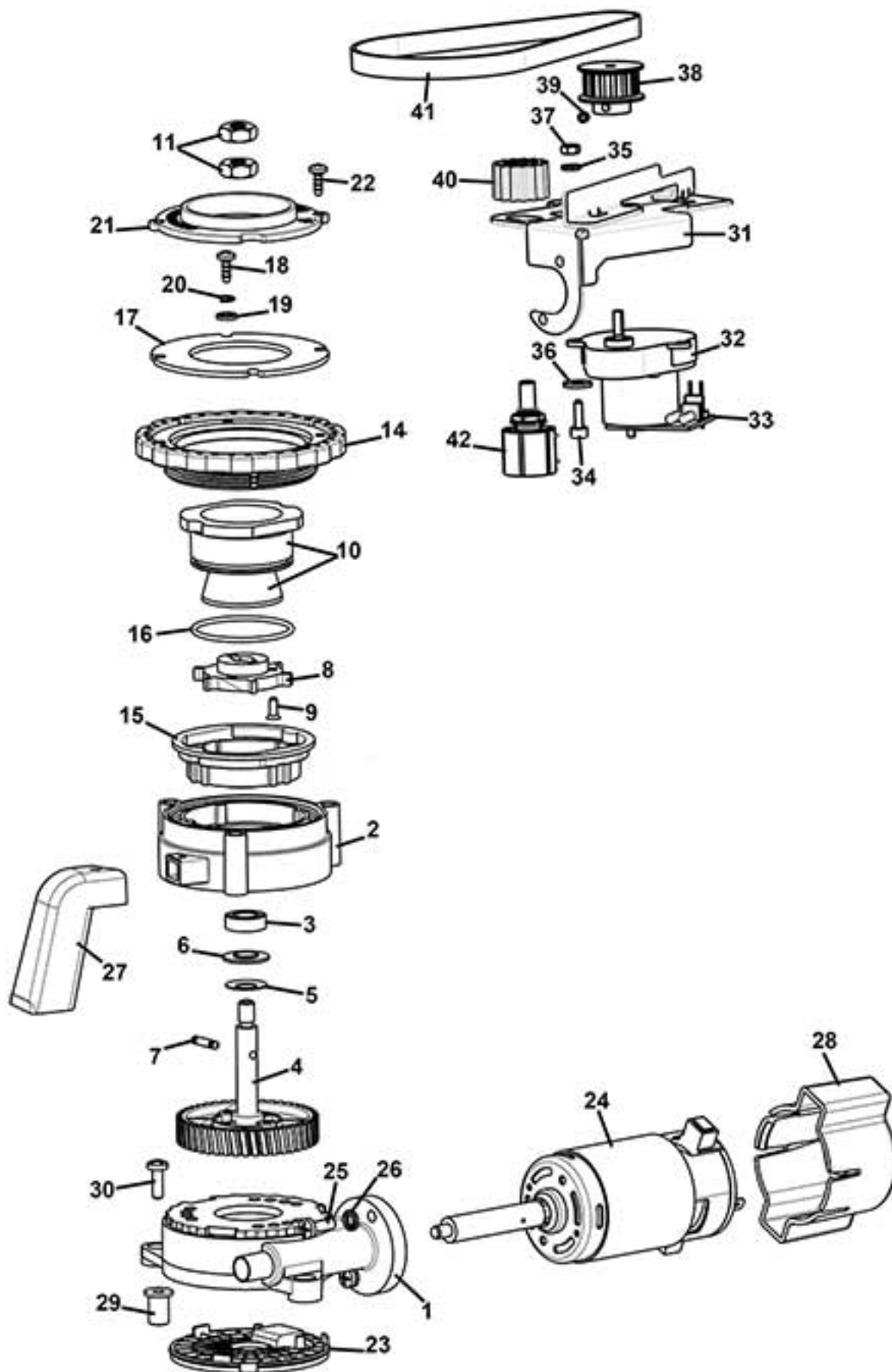


water inlet panel							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z0010028248-09	HYDRAULIC HOLDER					
2	Z0800013041	AIR BREAK TANK					
3	Z0110020007	PLASTIC FILTER DIAM. 20	X			X	
4/a	TSIL07/11T-10	SILICON HOSE 7X11 MT.10	X	Y	Y	Y	Y
4/b	TSIL07/11T-50	SILICON HOSE 7X11 MT.50					
5	Z0100001065	CONNECTOR "Y"					
6	650001057	DRAINER PLUG					
7	Z0800009211	ELBOW CONNECTOR	X				X
8	GUA0000043	OR 109 NBR AL 75 BLACK	X				X
9	Z0110007003	VOLUMETRIC COUNTER	X	CK	CK	CK	X
10	GUA0010551	ELECTRICAL GROMMET					
11	Z0800013043	AIR BREAK COVER					
12	Z0800013046	AIR BREAK WASTE FLOAT	X				
13	GUA0000082	SILICON GASKET D.6	X		CK		CK
14	ELE0001514	MICROSWITCH 3A 125-250VA	X			CK	X
15	VIT0002013	SCREW ST HEAD CAP M2.9X19					
16	ELE0000985	PROBE 135xD.4	X	CK	CK	CK	CK

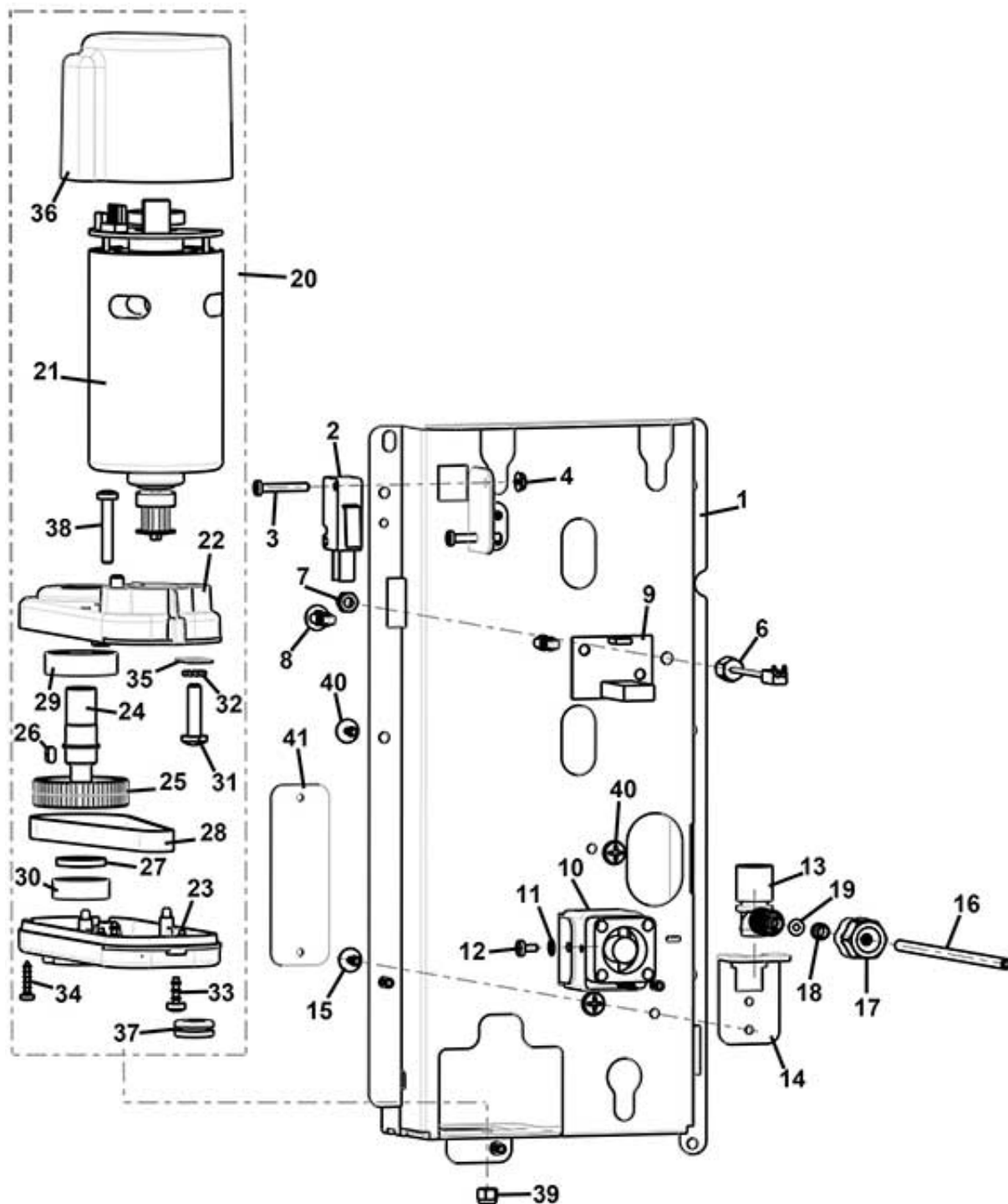
GRINDER



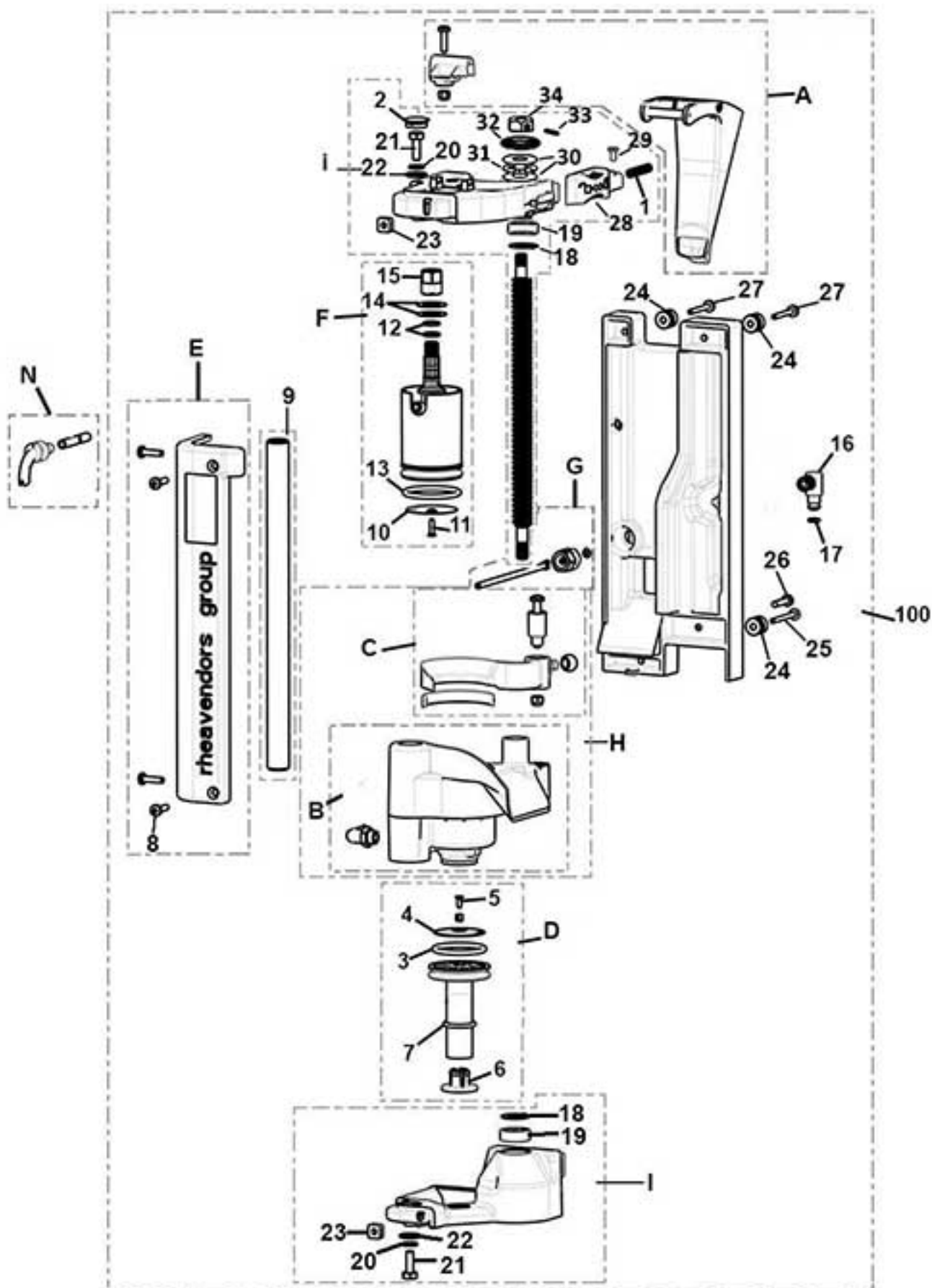
GRINDER							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z0320001639NAR	§ MOTOR SUPPORT BLACK+PLUG					
2	Z0320001602NAR	GRINDER BLADES SUPPORT					
3	VIT0009325	BEARING	X				CK
4	Z0320001608R	TRANSMISSION WHEEL	X				CK
5	Z0320001629	CUP SPRING 16x8,2 SP. 0,4					
6	Z0320001625	BUSH					
7	Z0320001704	GRINDER ROTATION PIN REINFORCE	X		CK	CK	CK
8	Z0320001636	EJECTOR	X			CK	
9	VIT0000121	SCREW COUNT FLAT HEAD M3X8					
10	Z0320001680	CONIC BLADES PLUS	X		CK		X
11	Z0320001642	LOWER GRINDER FIXING NUT					
12	Z0320001643	SPRING D.4X15X0,6					
13	Z0320001624	REGULATION PIN					
14	Z0320001605NAR	§ REGULATION RING NUT BLACK					
15	Z0320001635-03NA	GRINDER SUPPORT BLACK					
16	GUA0000124	SILICONE OR 2137	X		X		
17	Z0320001622	UPPER GRINDER FIXING					
18	VIT0002469	SCREW HEAD TAP M3.5X10					
19	Z0320001666	SPACER D.4x7x2					
20	VIT0003103	SPRING WASHER 4,3					
21	Z0320001607NA	DUCT BLACK					
22	VIT0002010	SCREW ST HEAD CAP M3.5X9.5					
23	Z0320001604NA	PLUG BLACK					
24	Z0090003047	GRINDER MOTOR 230V DC	X				CK
25	VIT0000013	SCREW HEAD TAP CAP M4X12					
26	VIT0003103	SPRING WASHER 4,3					
27	Z0320004736-04	GRINDER CHUTE R.2011	X				
28	Z0320001615NA	GRINDER SENSOR COVER BLACK					
29	Z0320001628	NO-VIBRATION BUSH					
30	VIT0000012	SCREW HEAD TAP CAP M4X10					
100	Z0320001601CL3AL	§GRINDER VRFX 15° BREWER PLUS From pos.1 to pos. 28	X				CK



VARIGRIND							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z0320001639NAR	§ MOTOR SUPPORT BLACK+PLUG					
2	Z0320001602NAR	GRINDER BLADES SUPPORT					
3	VIT0009325	BEARING	X				CK
4	Z0320001608R	TRANSMISSION WHEEL	X				CK
5	Z0320001629	CUP SPRING 16x8,2 SP. 0,4					
6	Z0320001625	BUSH					
7	Z0320001704	GRINDER ROTATION PIN REINFORCE	X		CK	CK	CK
8	Z0320001636	EJECTOR	X			CK	
9	VIT0000121	SCREW COUNT FLAT HEAD M3X8					
10	Z0320001680	CONIC BLADES PLUS	X		CK		X
11	Z0320001642	LOWER GRINDER FIXING NUT					
14	Z0320001663NA	GRINDER REGULATION RING BLACK					
15	Z0320001635-03NA	GRINDER SUPPORT BLACK					
16	GUA0000124	SILICONE OR 2137	X		X		
17	Z0320001622	UPPER GRINDER FIXING					
18	VIT0002469	SCREW HEAD TAP M3.5X10					
19	Z0320001666	SPACER D.4x7x2					
20	VIT0003103	SPRING WASHER 4,3					
21	Z0320001607NA	DUCT BLACK					
22	VIT0002469	SCREW HEAD TAP M3.5X10					
23	Z0320001604NA	PLUG BLACK					
24	Z0090003047	GRINDER MOTOR 230V DC	X				CK
25	VIT0000013	SCREW HEAD TAP CAP M4X12					
26	VIT0003103	SPRING WASHER 4,3					
27	Z0320004736-04	GRINDER CHUTE R.2011	X				
28	Z0320001615NA	GRINDER SENSOR COVER BLACK					
29	Z0320001628	NO-VIBRATION BUSH					
30	VIT0000012	SCREW HEAD TAP CAP M4X10					
31	Z0320001672	GRINDER GEARBOX MOTOR SUPPORT					
32	Z0090002042R	§ GEAR MOTOR 2,2RPM24VDC+FILT	X				
33	SCH0003740	MOTOR FILTER	X				
34	VIT0005519	SCREW TCEI 4x12 STAIL STEEL					
35	VIT0003103	SPRING WASHER 4,3					
36	VIT0003301	WASHER 4,3X12X1,5					
37	VIT0004803	NUT M4					
38	Z0320001654	GRINDER PULLEY					
39	VIT0007011	SET SCREW 4X4					
40	Z0320001670	PULLEY POTENTIOMETER from serial 20204430247					
41	Z0320001657	GRINDER BELT	X				
42	CBLXS00317	VARIGRINDER WIRING from serial 20204430247					
100	Z0320001671CL3	§VARIGRINDER VARIFLEX 15° From pos.1 to pos. 42 excluded pos.29+30	X				CK
101	Z0320001670R	§PULLEY POTENTIOMETER+WIRING pos.40+42 Up to serial 20204430246					

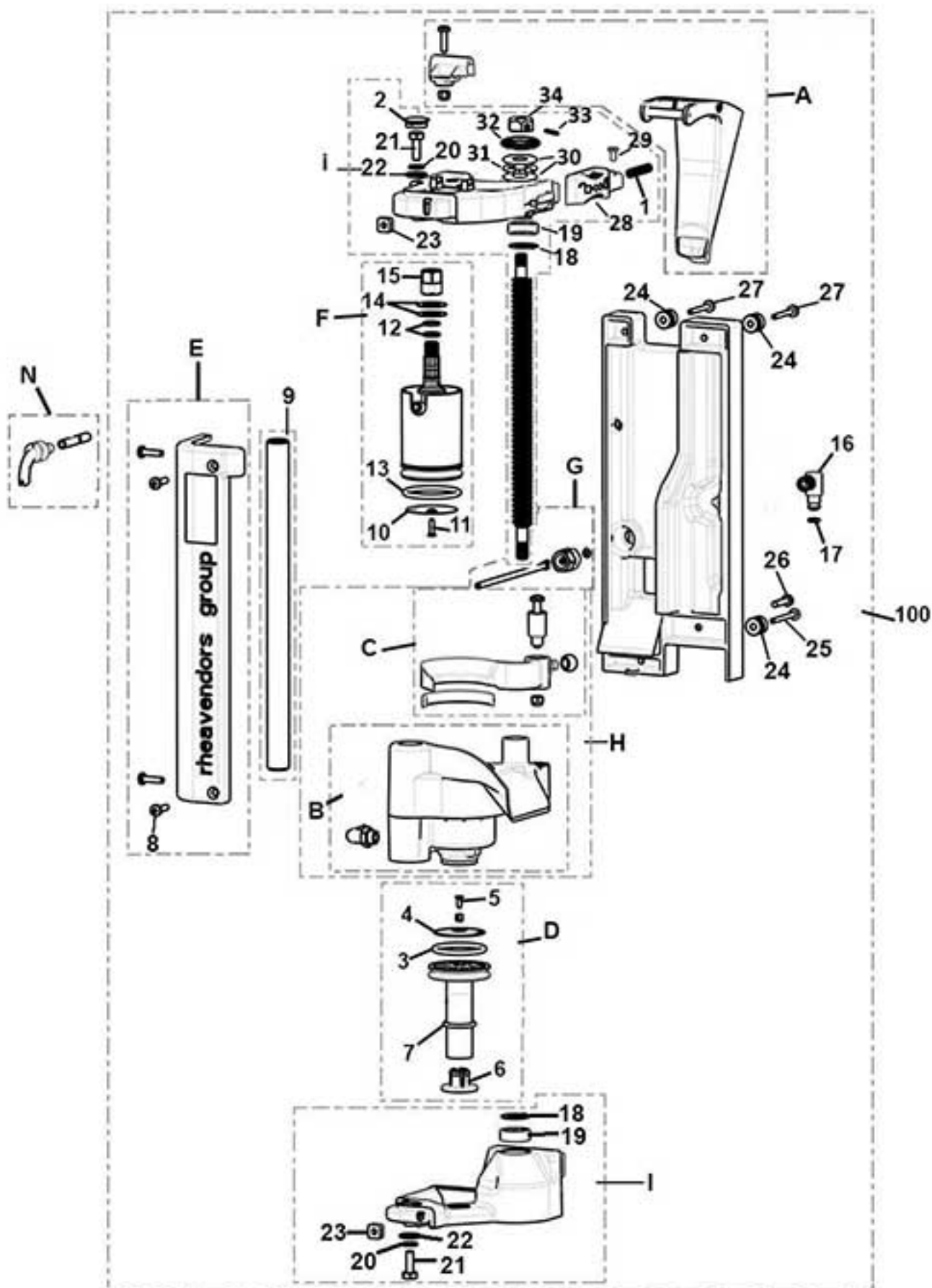


PRO BREWER SUPPORT+MOTOR							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z0260014002	VARIFLEX BREWER SUPPORT					
2	ELE0001522	MICROSWITCH	X				
3	VIT0000006	SCREW HEAD TAP CAP M3X16					
4	VIT0004701	NUT M3					
6	ELE0000931	PROBE NTC 10K/TE	X				
7	VIT0004816	NUT M4					
8	ELE0062020	BOARD SUPPORT					
9		Heater board sold with code ELE0000467-02					
10	ELE0000467-02	FAN HEATER 24V DC + BOARD	X				
11	VIT0003102	SPRING WASHER 3,2					
12	VIT0000002	SCREW HEAD TAP CAP M3X6					
13	Z0250014084-02	FEMALE CONNECTOR					
14	Z0260014009-01	H2O CONNECTOR SUPPORT					
15	VIT0002009	SCREW ST HEAD CAP M3.5X6.5					
16	TTEF02/04T	PTFE PIPE 2X4	X	Y	Y	Y	
17	Z0250014086	NUT					
18	Z0100002014	LOCKING RING SO1-4					
19	GUA0000061	OR 2010 VITON 80 BLACK	X	CK	CK	X	X
20	Z0090002250R	§ VARIFLEX BREW. GEARBOX MOTOR From pos. 21 to pos. 37 (new version components)	X			CK	X
21	Z0090002252-01	§ MOTOR 24V DC New version					
22	Z0090002222NA	MOTOR UPPER CASE RAL9005 New version					
23	Z0090002223NA	MOTOR LOWER CASE RAL9005 New version					
24	Z0090002224	FEMALE CONNECTOR SHAFT					
25/a	Z0090002255AN	PULLEY New version from serial 20154600000					
25/b		For machine built before Serial n. 20154599999 pls order motor Z0090002250R					
26	VIT0006703	CLAMP					
27	Z0090002226	SPACER					
28/a	Z0090002258	BELT New version from serial 20154600000					
28/b		For machine built before Serial n. 20154599999 pls order motor Z0090002250R					
29	VIT0009324	BEARING	X				
30	VIT0009320	BEARING	X				CK
31	VIT0000017	SCREW HEAD TAP CAP M5X20					
32	VIT0003104	SPRING WASHER 5,3					
33	VIT0002469	SCREW HEAD TAP M3.5X10					
34	VIT0002014	SCREW ST HEAD CAP M2.9X13					
35	Z0090002240	MOTOR SPACER					
36	Z0090002235CK	MR GV BOARD COVER R.7037					
37	GUA0010501	ELECTRICAL GROMMET DG 7,5					
38	VIT0000015	SCREW HEAD TAP CAP M4X25					
39	VIT0004815	NUT M4					
40	VIT0002401	SCREW ST HEAD CAP M3.5X9.5					
41		PARTS NO MORE AVAILABLE					
100	Z0250014086R	§ WATER INLET TUBE 0,15 mt From pos. 16 to pos. 19	X	CK	Y	Y	Y
101	Z0090002224R	§ FEMALE CONNECTOR SHAFT From pos.24 to pos.30 excluded pos.28					



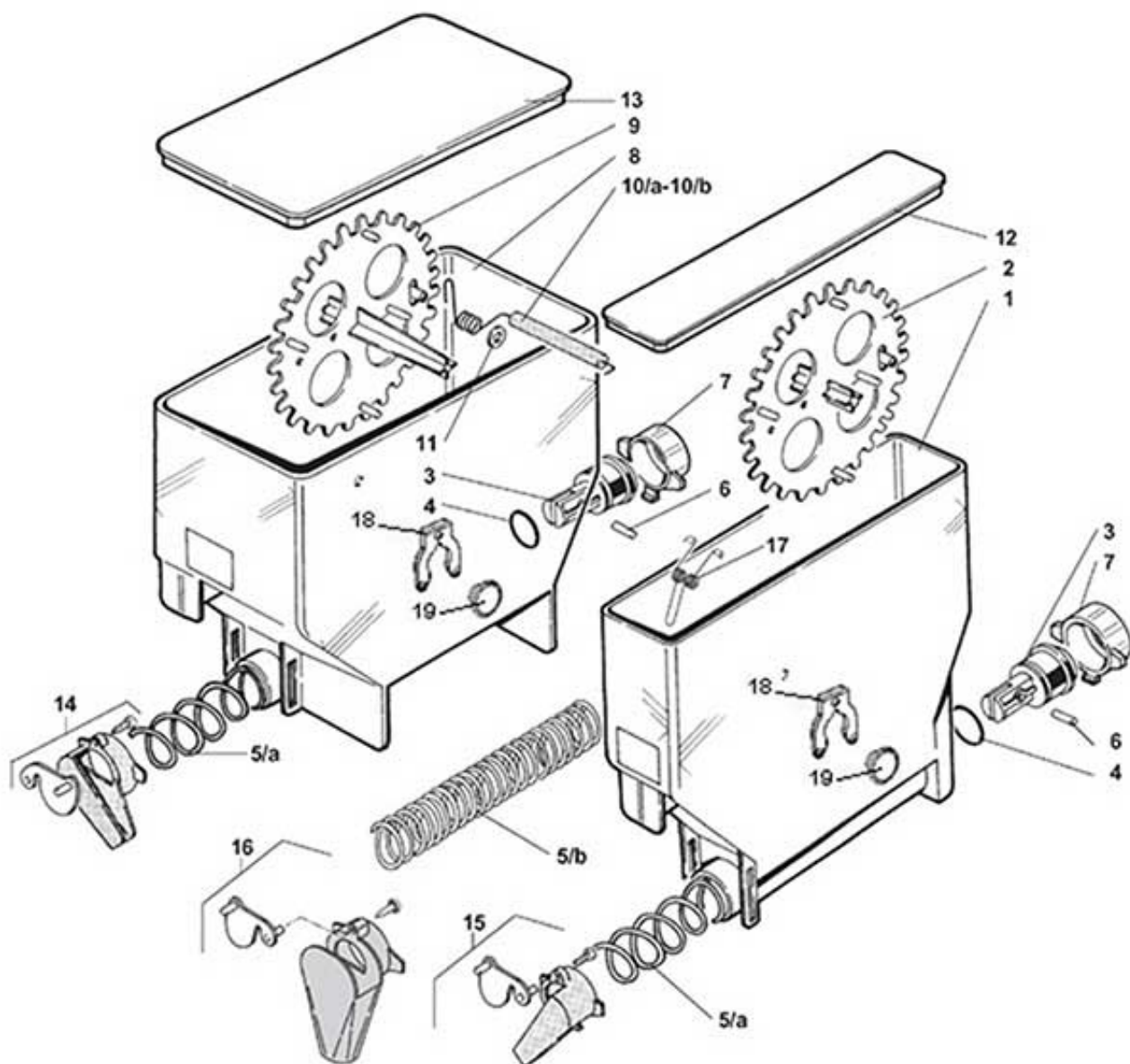
PROFESSIONAL BREWER GROUP D.45							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
A	Z0250014008R	§ CHUTE D. 45	X				
1	Z0250014081	SPRING	X				
2	GUA0011022	PLUG					
B	Z0250014022R	§ INFUSION CHAMBER D.45 included internal components and elbow	X				
C	Z0250014024R	§ BRUSH D.45	X	X	X	X	X
D	Z0250014028R	§ LOWER FILTER HOLDER D.45	X				
3	GUA0000097	OR 4131 RED SILICONE LSR70	X	CK	Y*	Y*	Y*
4	Z0250014029	COFFEE FILTER DIAM. 37.3	X	CK	Y	Y	Y
5	VIT0000121	SCREW COUNT FLAT HEAD M3X8					
6	Z0250014027R1	LOWER PISTON LOCK+SET SCREW					
7	GUA0000103	OR 3075 SILICON	X	CK	Y*	Y*	Y*
E	Z0250014019R	§ FRONTAL COVER					
8	VIT0001009	SCREW HEAD TAP CAP M4X16					
9	Z0250014013-04	CYLINDRICAL GUIDE					
F	Z0250014045R	§ UPPER FILTER HOLDER D.45	X				
10	Z0250008211	COFFEE FILTER 37,3	X	CK	Y	Y	Y
11	VIT0000129	SCREW COUNT HEAD M3X12					
12	GUA0000045	OR 108 VITON 80 BLACK	X	CK	Y*	Y*	Y*
13	GUA0000097	OR 4131 RED SILICONE LSR70	X	CK	Y*	Y*	Y*
14	Z0250014048	SPRING	X	CK	X2	X2	X2
15	Z0250014086	NUT					
16	Z0250014085	MALE CONNECTOR					
17	GUA0000004	OR 104 NBR AL 75 BLACK	X	CK	X	X	X
G	Z0250014086CL1	§WATER INLET TUBE 0,119 mt					
H	Z0250014020R	§ INFUSION CHAMBER D.45	X				
I	Z0250014005R2	§UPPER SUPPORT WITHOUT CHUTE					
L	Z0250014012R	§ LOWER SUPPORT					
18	Z0250014077	SPACER					
19	VIT0009320	BEARING	X				CK
20	VIT0003113	SPRING WASHER 6,4					
21	VIT0000249	SCREW HEX HEAD M6X16					
22	Z0250014079	WASHER D.15 D.6,5 SP.1,5					
23	VIT0009112	NUT M4					
24	Z0250014072	PIN					
25	VIT0000033	SCREW HEAD TAP CAP M4X35					
26	VIT0001011	SCREW HEAD TAP CAP M4X20					
27	VIT0001006	SCREW HEAD TAP CAP M4X30					
28	Z0250014082	BREWER STOPPER BUTTON					
29	VIT0002009	SCREW ST HEAD CAP M3.5X6.5					
30	VIT0009318	SPACER WASHER	X				CK
31	VIT0009317	BEARING	X				CK
32	GUA0001007	V RING GASKET VA16	X				CK
33	VIT0007011	SET SCREW 4X4					
34	Z0250014071	NUT M8					
N	Z0020039539R	§ SPOUT DELIVERY D.4	X				

PROFESSIONAL BREWER GROUP D.45							
100	Z0250014000CL	COFFEE BREWER VARIFLEX D 45	X				



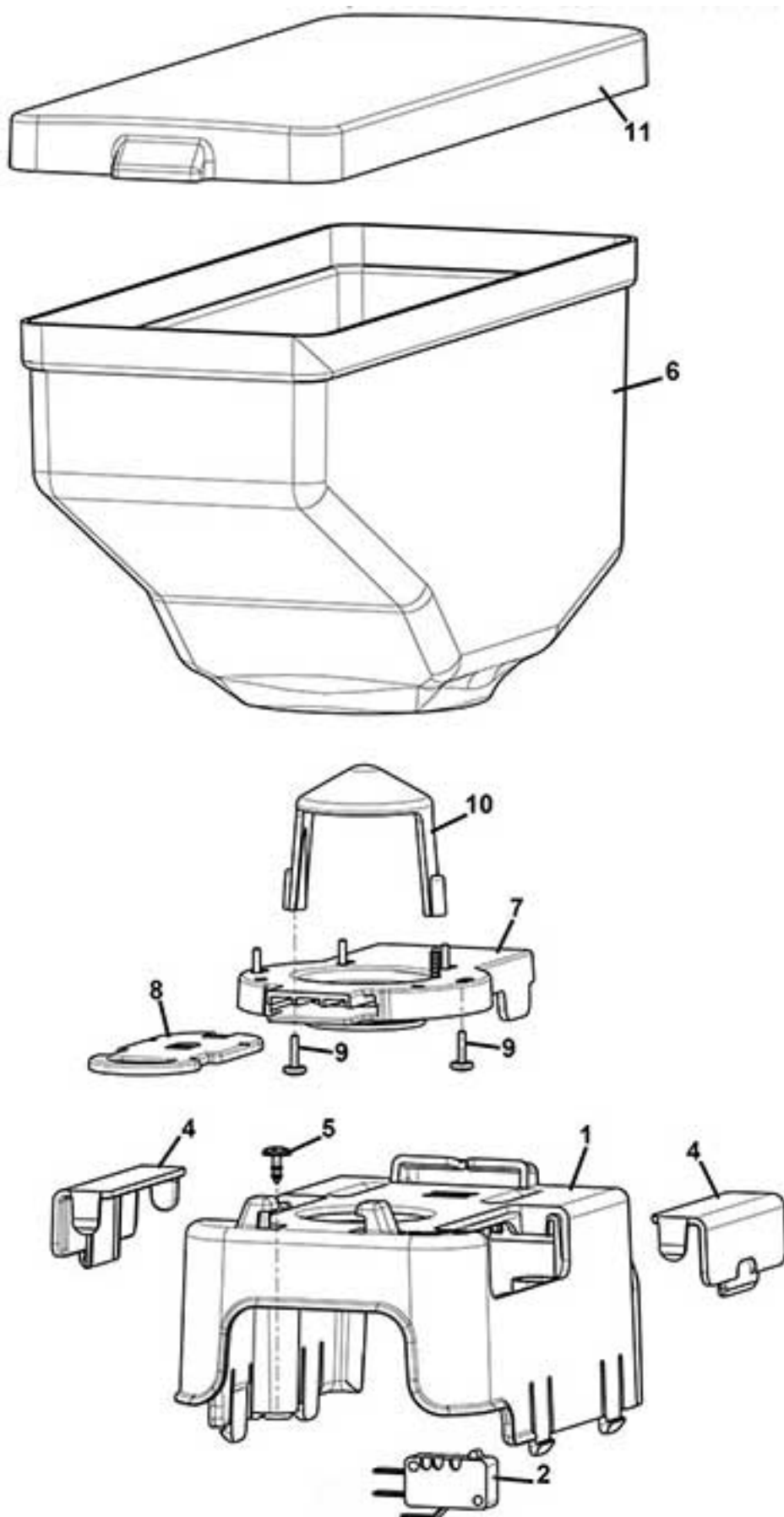
PROFESSIONAL BREWER GROUP D.36							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
A	Z0250014033R	§ CHUTE D. 36	X				
1	Z0250014081	SPRING	X				
2	GUA0011022	PLUG					
B	Z0250014032R	§ INFUSION CHAMBER D.36 included internal components and elbow	X				
C	Z0250014034R	§ BRUSH D.36	X	X	X	X	X
D	Z0250014038R	§ LOWER FILTER HOLDER D.36	X				
3	GUA0000080	OR 4112 RED SILICONE LSR70	X	CK	Y*	Y*	Y*
4	Z0250008019	COFFEE FILTER	X	CK	Y	Y	Y
5	VIT0000121	SCREW COUNT FLAT HEAD M3X8					
6	Z0250014027R1	LOWER PISTON LOCK+SET SCREW					
7	GUA0000103	OR 3075 SILICON	X	CK	Y*	Y*	Y*
E	Z0250014019R	§ FRONTAL COVER					
8	VIT0001009	SCREW HEAD TAP CAP M4X16					
9	Z0250014013						
F	Z0250014040R	§ UPPER FILTER HOLDER D.36	X				
10	Z0250008099	COFFEE FILTER 33,4	X	CK	Y	Y	Y
11	VIT0000129	SCREW COUNT HEAD M3X12					
12	GUA0000045	OR 108 VITON 80 BLACK	X	CK	Y*	Y*	Y*
13	GUA0000080	OR 4112 RED SILICONE LSR70	X	CK	Y*	Y*	Y*
14	Z0250014048	SPRING	X	CK	X2	X2	X2
15	Z0250014086	NUT					
16	Z0250014085	MALE CONNECTOR					
17	GUA0000004	OR 104 NBR AL 75 BLACK	X	CK	X	X	X
G	Z0250014086CL1	§WATER INLET TUBE 0,119 mt					
H	Z0250014030R	§ CHAMBER D.36	X				
I	Z0250014005R2	§UPPER SUPPORT WITHOUT CHUTE					
L	Z0250014012R	§ LOWER SUPPORT					
18	Z0250014077	SPACER					
19	VIT0009320	BEARING	X				CK
20	VIT0003113	SPRING WASHER 6,4					
21	VIT0000249	SCREW HEX HEAD M6X16					
22	Z0250014079	WASHER D.15 D.6,5 SP.1,5					
23	VIT0009112	NUT M4					
24	Z0250014072	PIN					
25	VIT0000033	SCREW HEAD TAP CAP M4X35					
26	VIT0001011	SCREW HEAD TAP CAP M4X20					
27	VIT0001006	SCREW HEAD TAP CAP M4X30					
28	Z0250014082	BREWER STOPPER BUTTON					
29	VIT0002009	SCREW ST HEAD CAP M3.5X6.5					
30	VIT0009318	SPACER WASHER	X				CK
31	VIT0009317	BEARING	X				CK
32	GUA0001007	V RING GASKET VA16	X				CK
33	VIT0007011	SET SCREW 4X4					
34	Z0250014071	NUT M8					
N	Z0020039539R	§ SPOUT DELIVERY D.4	X				

PROFESSIONAL BREWER GROUP D.36							
100	Z0250014060CL	§ COFFEE BREWER VARIFLEX D.36		X			



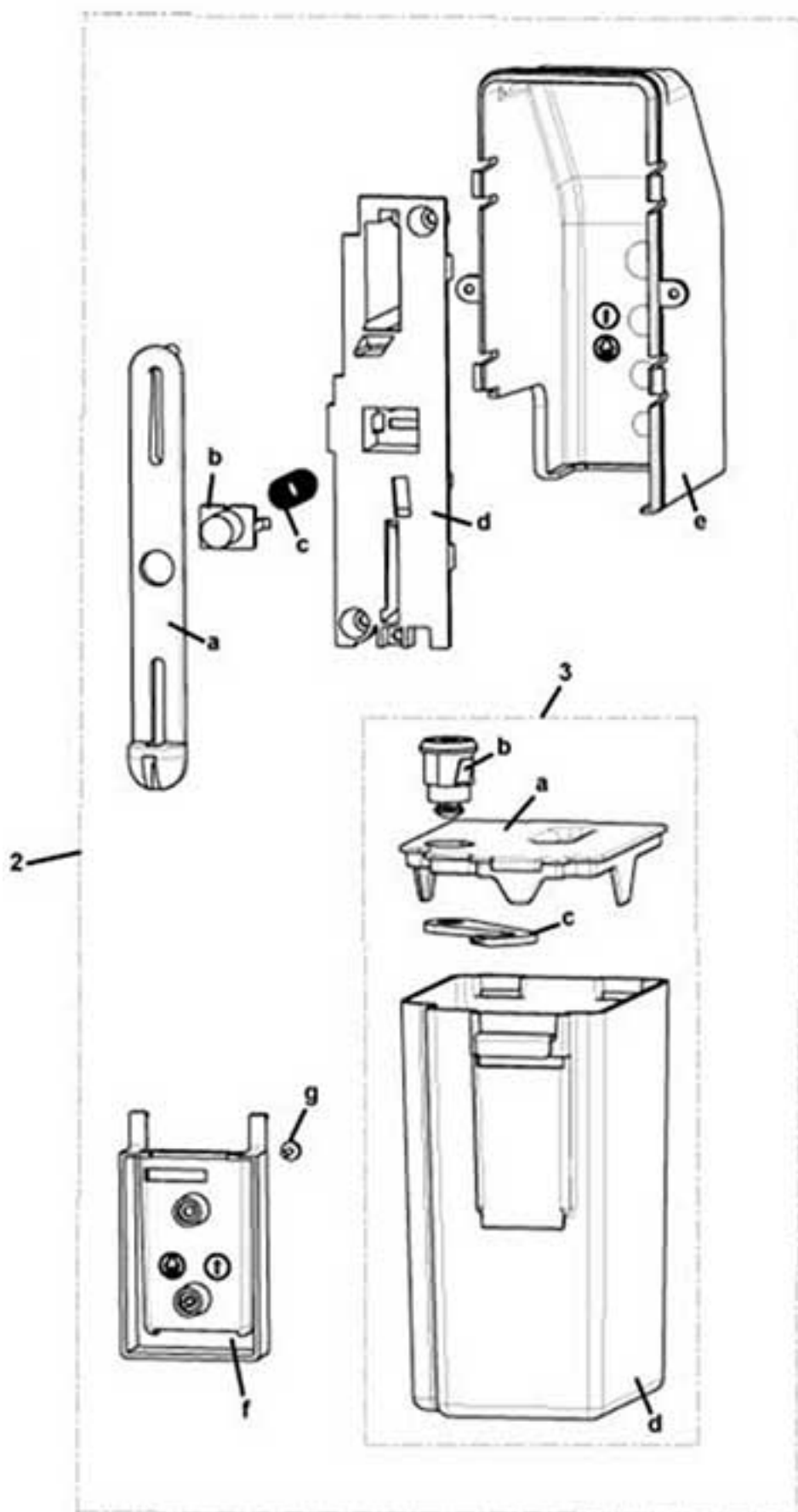
products container							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	Z0230030500	INGREDIENT CANISTER 54 190					
2	Z0230030236AB	§ WHEEL MM54	X		CK		X
3	Z0230030012	SPIRAL PIN					
4	GUA0000083	OR 123 RED SILICONE A70	X		CK		X
5/a	Z0230030014	SPIRAL 18	X				
5/b	Z0230030013	SPIRAL 9	X				
6	VIT0005106	PIN 2X14					
7	Z0230030011	REAR BUSH	X			CK	X
8	Z0230030520	INGREDIENT CANISTER 110-190					
9	Z0230030237AB	§ WHEEL MM110	X		CK		X
10/a	Z0230030064	AGITATOR 112 - RIGHT OUTLET	X		CK	CK	X
10/b	Z0230030062	AGITATOR 112 - LEFT OUTLET	X		CK	CK	X
11	VIT0003210	WASHER 8,4X16X1,6					
12	Z0230030156	CANISTER 54 LID					
13	Z0230030158	CANISTER 110 LID					
14/a	Z0230030058R	§ INGRED. CHUTE-RIGHT ORANGE	X	Y	Y	Y	Y
14/b	Z0230030044R	§ INGREDIENT CHUTE-RIGHT RED	X	Y	Y	Y	Y
15/a	Z0230030057R	§ INGREDIENT CHUTE-LEFT ORANGE	X	Y	Y	Y	Y
15/b	Z0230030043R	§ INGREDIENT CHUTE-LEFT RED	X	Y	Y	Y	Y
16	Z0230030059R	§ INGRED. CHUTE-FRONTALORANGE	X				Y
17	Z0230030060-05	PRODUCT AGITATOR	X		CK	CK	X
18	Z0230030239	WHEEL PIN FORK	X				
19	Z0230030238-02	WHEEL PIN	X				
100	Z0230030522R	§ CAN. 110-190 AGIT.18 W/LID-R	X				X
101	Z0230030525R	§ CAN. 110-190 AGIT.18 W/LID-L	X				X
102	Z0230030506R	§ CANIS. 54-190 WHEEL18 W/LID	X				X
103	Z0230030502R	§ CANIS. 54-190 WHEEL9 W/LID	X				X

coffee beans container



coffee beans container							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1/a	Z0230015738-03	GRINDER COVER					
1/b	Z0230015743NA	GRINDER COVER VARIGRIND					
2/a	ELE0001522CL	§ MICROSWITCH + LEVER + FASTON	X				
2/b	ELE0001535CLR	§MICROSWITCH GRINDER SAFETY	X				
4	Z0230015229-02	REGULATION COVER					
5	VIT0002401	SCREW ST HEAD CAP M3.5X9.5					
6	Z0230015158	COFFEE BEANS HOPPER					
7	Z0230015231-02	COFFEE BEANS HOPPER ADAPTOR					
8	Z0230015224IC	COFFEE BEANS HOPPER STOPPER					
9	VIT0002114	SCREW COUNT FLAT HEAD M3.5X16					
10	Z0230015227TR	GRINDER COVER					
11	Z0230015159	COFFEE BEANS HOPPER LID					
100	Z0230015232CL4	§ COFFEE BEANS HOPPER From pos.6 to pos.11	X				

OPTIONAL KIT

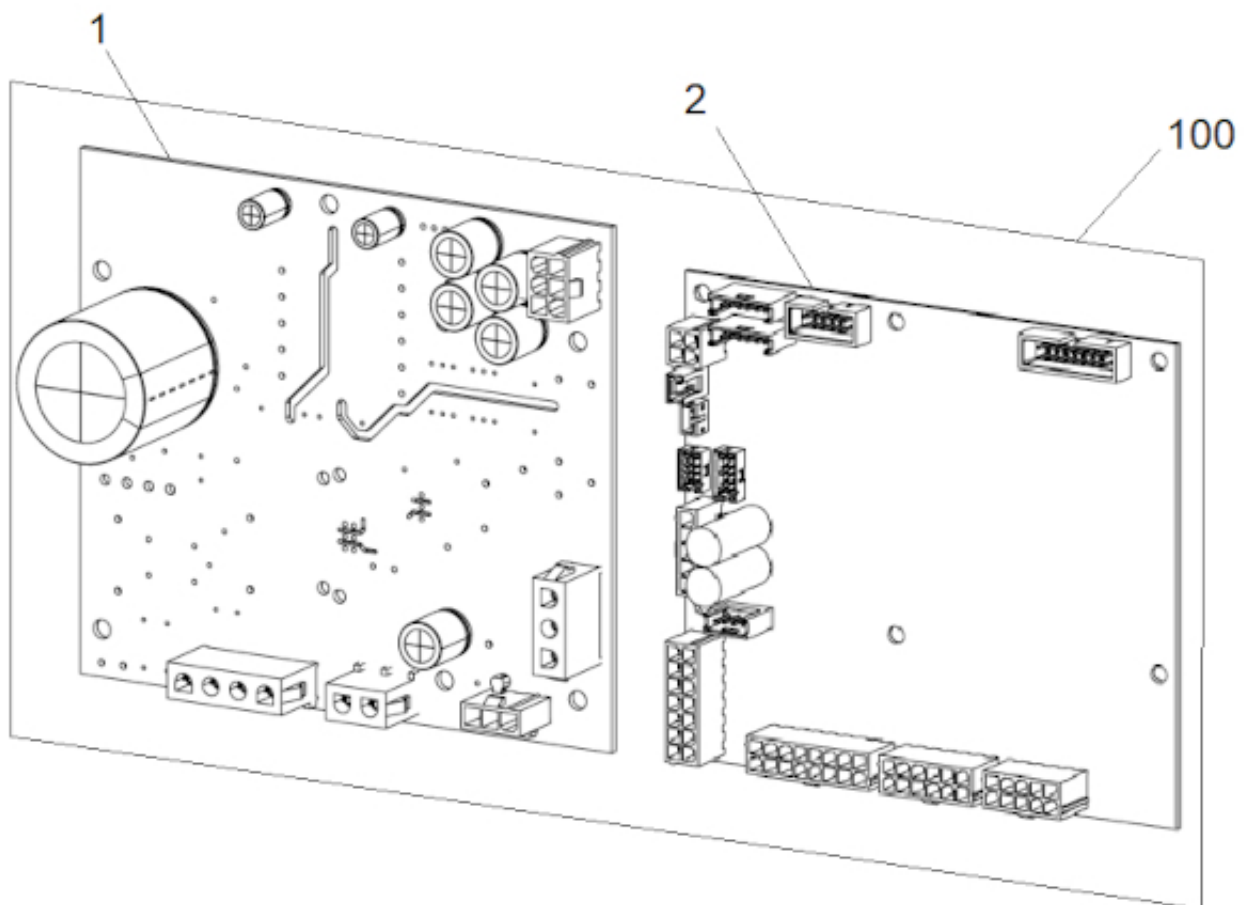


OPTIONAL KIT							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
2_1	D2109600A0000	KIT W/FIT W/O MECH RAL9005					
2_2	D2109600A1000	KIT W/FIT W/O MECH RAL9006					
2_1/a	Z0020035031NA	COIN ENTRY PLATE BLACK					
2_2/a	Z0020035031CM	COIN ENTRY PLATE RAL9006					
2/b	Z0020035033CM	COIN RETURN BUTTON RAL9006					
2/c	Z0020035034	COIN RETURN BUTTON SPRING					
2/d	Z0020035032NA	PAYM SYSTEM SUPPORT					
2/e	Z0020039510NA	PAY. SYSTEM COVER BLACK					
2/f	Z0020039528NA	COIN BOX SUPPORT					
2/g	VIT0002469	SCREW HEAD TAP M3.5X10					
3	Z0020039525R	§ COIN BOX					
3/a	Z0020039527NA	COINS BOX LID BLACK					
3/b	SER0000015	LOCK MM20 C.3430	X				
3/c	Z0020037128	COIN BOX HOOK					
3/d	Z0020039526NA	COIN BOX RAL 9005					

WIRINGS

WIRINGS							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	CBLXS00009	THERMOSTAT EXTENSION WIRING					
2	CBLXSC0050	FILTER EXTENSION WIRING					
3	CBLXSC0051	FUSE FILTER WIRING					
4	CBLXS00032	GROUND WIRING					
5	CBLXSC0054	INDUCTION FAN WIRING					
6	CBLXSC0007	DOOR WIRING 24V	X				
7	CBLXSC0047	WIRING 24V					
8	CBLXS00265	DOOR SWITCH EXTENSION WIRING					
9	CBLXS00275	24V ACTUATOR WIRING					
10	CBLXSC0002	POWER WIRING 230V					
11	CBLXS00263	GRINDER WIRING					
12	CBLXS00311	SUPPLY DOOR 5/24V WIRING					
13	CBLXSC0045	INDUCTION POWER WIRING					
14	CBLXS00276	PUMP WIRING					
15	CBLXS00317	VARIGRINDER WIRING					
16	CBLXS00209	DOOR SWITCH WIRING					
17	CBLXS00228	LED BOARD WIRING					
18	CBLXS00278	POWER SUPPLY WIRING					
19	CBLXM00108	LOGO ENLIGHTENMENT WIRING					
20	CBLXM00109	LIGHTING LABELS SHORT WIRING					
21	CBLXM00110	MED LABELS ENLIGHTENING WIRING					
22	CBLXM00111	LABELS ENLIGHTENMENT WIRING					

STM 32 BOARD



STM 32 BOARD							
				Preventive Maintenance			
Pos.	Code	Description	Critical	A	B	C	D
1	BRD05003	POWER BOARD TT 220V	X				
2	BRD03009R-02	SCARRIER BOARD+SOM TT					
100	BRD05003R	SBOARD CARR.+SOM+POWER TT 220V To buy if the distributor is produced before the s/n 20251399999	X				

The recommended replacement for key parts in the table below, is especially oriented towards machines installed in locations placed far from the headquarter and infrequently visited.

The numbers have been collected on the basis of field experience and should be taken only as a reference. they are subject to change depending on, local operating conditions and therefore must be adapted to local environments.

The replacement numbers are based on a regular maintenance, as described in the technical manual of the respective machine, and also on a good practice of hygienic cleaning and based on using water-filtering systems to avoid high carbonate hardness and bad water quality.

					Preventive Maintenance				Recommended Spare Parts (considering the number of vending machines) (*1)		
Table	Pos.	Code	Description	Critical	A	B	C	D	1-10	11-50	>51
cabinet	7	Z0010027022	TRAP DRAWER REMOVABLE	X					2	4	8
cabinet	9	Z0090002113	MOTOR 24 DC 97 RPM	X				X	1	2	2
cabinet	12	Z0020039036CL	§ DRIP TRAY+SPRING BLACK	X					1	1	2
cabinet	15	Z0010024164-02	GROUND EJECTOR	X					1	2	2
cabinet	16	Z0010024165	GROUND EJECTOR PLATE	X					1	2	2
cabinet	100	Z0010024164R	§ GROUND EJECTOR	X					1	2	2
UPPER COVER	6	ELE0002019	SWITCH 16A 250V	X				CK	1	1	1
UPPER COVER	12	Z0270011109IC	SERVICE KEY RAL2011	X					1	2	2
UPPER COVER	13	SCH0006261	RFID CARD READER_1	X					1	1	1
rear cabinet	5	Z0110001058	WATER INLET VALVE 24V DC	X		CK		X	1	2	3
rear cabinet	16	TEOL000001CL1	EXTRACTOR TUBE D.20 170MM	X				X	1	2	2
rear cabinet	17	Z0010027043NA	EXTRACTOR TUBE BLACK	X					1	2	2
rear cabinet	20	Z0600016455	H2O OUTLET PLUG	X					1	1	2
Electronic components support	2	ELE0000461	FAN 24V DC-HIGH SPEED	X	CK	CK	CK	X*	2	2	4
Electronic components support	6	ELE0002020	BIPOLAR SWITCH 20A 250V	X					1	1	1
Electronic components support	7	ELE0002350	MAINS SOCKET 16A	X					1	1	1
Electronic components support	10	SCH0009864	VARITHERM BOARD_3	X					1	2	2
Electronic components support	11	ELE0000989CL	PROBE	X					1	1	2
Electronic components support	14	ELE0009066	NOISE FILTER 16A	X					1	1	2
Electronic components support	16/a	Z0110004063	PUMP EP5 230V 50HZ	X		CK	X		1	2	2
Electronic components support	16/b	Z0110004067	PUMP EP5 220V 60HZ	X		CK	X		1	2	2

					Preventive Maintenance				Recommended Spare Parts (considering the number of vending machines) (*1)		
Table	Pos.	Code	Description	Critical	A	B	C	D	1-10	11-50	>51
Electronic components support	17	ELE0000915	PUMP THERMOPROTECTOR	X					1	1	1
Electronic components support	18	Z0110004023	CONNECTOR	X					1	2	2
Electronic components support	19	Z0100003022	T CONNECTOR 461 TS UL	X					2	1	2
Electronic components support	20/a	TSIL05/08T-10	SILICON HOSE 5X8 MT.10	X	Y	Y	Y	Y	1	1	2
Electronic components support	21	Z0110001151R	VALVE 3W W/BY-PASS 11BAR	X		CK	X*		1	2	3
Electronic components support	23	GUA0000043	OR 109 NBR AL 75 BLACK	X				X	2	2	4
DOOR	11/d	Z0020039072NA-02	CUP SUPPORT BLACK	X					1	1	2
DOOR	12	Z0020039073NA	CUP SUPPORT PIN BLACK	X2					2	4	4
DOOR	15/a	SER0000024/1	LOCK INOX RVI MM20 C.3374	X					1	1	2
DOOR	15/b	SER0000023	LOCK RIELDA	X					1	1	2
DOOR	19/a	1030000201R	§ PLEXIGLASS+CAP. KEYPAD+PANEL	X					1	1	2
DOOR	19/b	1030000202R	§ PLEXIGLASS+CAP. KEYPAD+PANEL	X					1	1	2
DOOR	22	SCH0009983-01	3,5" DISPLAY BOARD	X					1	2	2
mixer plan (espresso version)	8	Z0010020836CL	§DRIP TRAY SENSOR	X					1	1	2
VARITHERM	2	Z0100001158	FITTING ELBOW D6-D6	X					2	4	4
VARITHERM	3	ELE0000986	PROBE	X							
VARITHERM	4	ELE0000987	CLIXSON 105°	X					1	2	2
VARITHERM	10	Z0100001156	FITTING ELBOW D6-D6	X					2	4	4
VARITHERM	13	Z0110001130	VALVE 2WX3INLET 24V DC 6W	X		CK	X*		1	2	3
VARITHERM	19	Z0110001140	VALVE 2W 24V DC 6W	X		CK	X*		1	2	3
VARITHERM	22	Z0110001145	VALVE 3WAY 5W 24V DC	X		CK	X*		1	2	3
2 MIXERS SUPPORT ASSEMBLY	3	Z0010020052	PRODUCT NOZZLE	X	Y	Y	Y	Y	2	4	6
2 MIXERS SUPPORT ASSEMBLY	4	Z0080100153	MIXER CONNECTOR G 1/8 BLACK	X	Y*	Y*	Y*	Y*	2	4	6
2 MIXERS SUPPORT ASSEMBLY	5	Z0110001130	VALVE 2WX3INLET 24V DC 6W	X		CK	X*		1	2	3
2 MIXERS SUPPORT ASSEMBLY	7	Z0080100013	MIXER CONNECTOR	X	Y*	Y*	Y*	Y*	5	10	10
2 MIXERS SUPPORT ASSEMBLY	8	Z0020039533	SPOUT DELIVERY 30° D.6	X					1	2	2
2 MIXERS SUPPORT ASSEMBLY	11/a	Z0020039552	NOZZLES HOLDER (BLACK)	X					1	1	2
mixer	1	GUA0000084	OR 3131 RED SILICONE A60	X	Y	Y	Y	Y	10	20	20
mixer	3	Z0080100009IC	MIXER MOTOR SUPPORT RAL2011	X					1	2	2
mixer	4	Z0080100011	MIXER FAN	X	CK	Y	Y	Y	10	20	20
mixer	5	Z0080100102	MIXER SHAFT GASKET	X	CK	Y	Y	Y	1	1	2
mixer	6	Z0080100015	MIXER BUSH	X					5	10	10
mixer	9	Z0090003023	MIXER MOTOR 24V DC SHAFT D.4	X				X	5	10	10
mixer	11/a	Z0080200101L	MIXING BOWL L.W/H20 BREAKER	X					1	1	2
mixer	11/b	Z0080200102R	MIXING BOWL R.W/H20 BREAKER	X					1	1	2
mixer	11/c	Z0080200103C	MIXING BOWL F.W/H20 BREAKER	X					1	1	2
mixer	12	Z0080100006IC	LOCK RING RAL2011	X					5	10	10
mixer	100	Z0080100001R	§ MIXER BOWL BASE+MOTOR	X					5	10	10
water inlet panel	3	Z0110020007	PLASTIC FILTER DIAM. 20	X			X		1	1	1
water inlet panel	4/a	TSIL07/11T-10	SILICON HOSE 7X11 MT.10	X	Y	Y	Y	Y	1	1	2
water inlet panel	7	Z0800009211	ELBOW CONNECTOR	X				X	1	1	2
water inlet panel	8	GUA0000043	OR 109 NBR AL 75 BLACK	X				X	2	2	4
water inlet panel	9	Z0110007003	VOLUMETRIC COUNTER	X	CK	CK	CK	X	1	1	2
water inlet panel	12	Z0800013046	AIR BREAK WASTE FLOAT	X					1	1	2
water inlet panel	13	GUA0000082	SILICON GASKET D.6	X		CK		CK	1	2	2

					Preventive Maintenance				Recommended Spare Parts (considering the number of vending machines) (*1)		
Table	Pos.	Code	Description	Critical	A	B	C	D	1-10	11-50	>51
water inlet panel	14	ELE0001514	MICROSWITCH 3A 125-250VA	X			CK	X	1	2	2
water inlet panel	16	ELE0000985	PROBE 135xD.4	X	CK	CK	CK	CK	1	1	2
GRINDER	3	VIT0009325	BEARING	X				CK	1	1	2
GRINDER	4	Z0320001608R	TRANSMISSION WHEEL	X				CK	1	2	2
GRINDER	7	Z0320001704	GRINDER ROTATION PIN REINFORCE	X		CK	CK	CK	10	20	20
GRINDER	8	Z0320001636	EJECTOR	X			CK		1	1	2
GRINDER	10	Z0320001680	CONIC BLADES PLUS	X		CK		X	1	1	2
GRINDER	16	GUA0000124	SILICONE OR 2137	X		X			1	2	2
GRINDER	24	Z0090003047	GRINDER MOTOR 230V DC	X				CK	1	2	2
GRINDER	27	Z0320004736-04	GRINDER CHUTE R.2011	X					1	2	4
GRINDER	100	Z0320001601CL3AL	§GRINDER VRFX 15° BREWER PLUS	X				CK	1	2	2
VARIGRIND	3	VIT0009325	BEARING	X				CK	1	1	2
VARIGRIND	4	Z0320001608R	TRANSMISSION WHEEL	X				CK	1	2	2
VARIGRIND	7	Z0320001704	GRINDER ROTATION PIN REINFORCE	X		CK	CK	CK	10	20	20
VARIGRIND	8	Z0320001636	EJECTOR	X			CK		1	1	2
VARIGRIND	10	Z0320001680	CONIC BLADES PLUS	X		CK		X	1	1	2
VARIGRIND	16	GUA0000124	SILICONE OR 2137	X		X			1	2	2
VARIGRIND	24	Z0090003047	GRINDER MOTOR 230V DC	X				CK	1	2	2
VARIGRIND	27	Z0320004736-04	GRINDER CHUTE R.2011	X					1	2	4
VARIGRIND	32	Z0090002042R	§ GEAR MOTOR 2,2RPM24VDC+FILT	X					1	1	1
VARIGRIND	33	SCH0003740	MOTOR FILTER	X					1	2	2
VARIGRIND	41	Z0320001657	GRINDER BELT	X					1	1	2
VARIGRIND	100	Z0320001671CL3	§VARIGRINDER VARIFLEX 15°	X				CK	1	2	2
PRO BREWER SUPPORT+MOTOR	2	ELE0001522	MICROSWITCH	X					1	2	2
PRO BREWER SUPPORT+MOTOR	6	ELE0000931	PROBE NTC 10K/TE	X					1	1	2
PRO BREWER SUPPORT+MOTOR	10	ELE0000467-02	FAN HEATER 24V DC + BOARD	X					1	1	2
PRO BREWER SUPPORT+MOTOR	16	TTEF02/04T	PTFE PIPE 2X4	X	Y	Y	Y		1	1	1
PRO BREWER SUPPORT+MOTOR	19	GUA0000061	OR 2010 VITON 80 BLACK	X	CK	CK	X	X	1	2	2
PRO BREWER SUPPORT+MOTOR	20	Z0090002250R	§ VARIFLEX BREW. GEARBOX MOTOR	X			CK	X	1	1	2
PRO BREWER SUPPORT+MOTOR	29	VIT0009324	BEARING	X					1	1	2
PRO BREWER SUPPORT+MOTOR	30	VIT0009320	BEARING	X				CK	1	1	2
PRO BREWER SUPPORT+MOTOR	100	Z0250014086R	§ WATER INLET TUBE 0,15 mt	X	CK	Y	Y	Y	1	1	2
PROFESSIONAL BREWER GROUP D.45	A	Z0250014008R	§ CHUTE D. 45	X					1	1	2
PROFESSIONAL BREWER GROUP D.45	1	Z0250014081	SPRING	X					1	2	2
PROFESSIONAL BREWER GROUP D.45	B	Z0250014022R	§ INFUSION CHAMBER D.45	X							
PROFESSIONAL BREWER GROUP D.45	C	Z0250014024R	§ BRUSH D.45	X	X	X	X	X	1	2	2
PROFESSIONAL BREWER GROUP D.45	D	Z0250014028R	§ LOWER FILTER HOLDER D.45	X							
PROFESSIONAL BREWER GROUP D.45	3	GUA0000097	OR 4131 RED SILICONE LSR70	X	CK	Y*	Y*	Y*	1	2	2
PROFESSIONAL BREWER GROUP D.45	4	Z0250014029	COFFEE FILTER DIAM. 37.3	X	CK	Y	Y	Y	1	2	2
PROFESSIONAL BREWER GROUP D.45	7	GUA0000103	OR 3075 SILICON	X	CK	Y*	Y*	Y*	1	2	2
PROFESSIONAL BREWER GROUP D.45	F	Z0250014045R	§ UPPER FILTER HOLDER D.45	X							
PROFESSIONAL BREWER GROUP D.45	10	Z0250008211	COFFEE FILTER 37,3	X	CK	Y	Y	Y	1	2	2
PROFESSIONAL BREWER GROUP D.45	12	GUA0000045	OR 108 VITON 80 BLACK	X	CK	Y*	Y*	Y*	1	2	2
PROFESSIONAL BREWER GROUP D.45	13	GUA0000097	OR 4131 RED SILICONE LSR70	X	CK	Y*	Y*	Y*	1	2	2
PROFESSIONAL BREWER GROUP D.45	14	Z0250014048	SPRING	X	CK	X2	X2	X2	2	4	4

					Preventive Maintenance				Recommended Spare Parts (considering the number of vending machines) (*1)		
Table	Pos.	Code	Description	Critical	A	B	C	D	1-10	11-50	>51
PROFESSIONAL BREWER GROUP D.45	17	GUA0000004	OR 104 NBR AL 75 BLACK	X	CK	X	X	X	1	2	2
PROFESSIONAL BREWER GROUP D.45	H	Z0250014020R	§ INFUSION CHAMBER D.45	X							
PROFESSIONAL BREWER GROUP D.45	19	VIT0009320	BEARING	X				CK	1	1	2
PROFESSIONAL BREWER GROUP D.45	30	VIT0009318	SPACER WASHER	X				CK	2	2	4
PROFESSIONAL BREWER GROUP D.45	31	VIT0009317	BEARING	X				CK	2	2	4
PROFESSIONAL BREWER GROUP D.45	32	GUA0001007	V RING GASKET VA16	X				CK	1	1	2
PROFESSIONAL BREWER GROUP D.45	N	Z0020039539R	§ SPOUT DELIVERY D.4	X					1	2	2
PROFESSIONAL BREWER GROUP D.45	100	Z0250014000CL	COFFEE BREWER VARIFLEX D 45	X					1	2	2
PROFESSIONAL BREWER GROUP D.36	A	Z0250014033R	§ CHUTE D. 36	X					1	1	2
PROFESSIONAL BREWER GROUP D.36	1	Z0250014081	SPRING	X					1	2	2
PROFESSIONAL BREWER GROUP D.36	B	Z0250014032R	§ INFUSION CHAMBER D.36	X							
PROFESSIONAL BREWER GROUP D.36	C	Z0250014034R	§ BRUSH D.36	X	X	X	X	X	1	2	2
PROFESSIONAL BREWER GROUP D.36	D	Z0250014038R	§ LOWER FILTER HOLDER D.36	X							
PROFESSIONAL BREWER GROUP D.36	3	GUA0000080	OR 4112 RED SILICONE LSR70	X	CK	Y*	Y*	Y*	1	2	2
PROFESSIONAL BREWER GROUP D.36	4	Z0250008019	COFFEE FILTER	X	CK	Y	Y	Y	1	2	2
PROFESSIONAL BREWER GROUP D.36	7	GUA0000103	OR 3075 SILICON	X	CK	Y*	Y*	Y*	1	2	2
PROFESSIONAL BREWER GROUP D.36	F	Z0250014040R	§ UPPER FILTER HOLDER D.36	X							
PROFESSIONAL BREWER GROUP D.36	10	Z0250008099	COFFEE FILTER 33,4	X	CK	Y	Y	Y	1	2	2
PROFESSIONAL BREWER GROUP D.36	12	GUA0000045	OR 108 VITON 80 BLACK	X	CK	Y*	Y*	Y*	1	2	2
PROFESSIONAL BREWER GROUP D.36	13	GUA0000080	OR 4112 RED SILICONE LSR70	X	CK	Y*	Y*	Y*	1	2	2
PROFESSIONAL BREWER GROUP D.36	14	Z0250014048	SPRING	X	CK	X2	X2	X2	2	4	4
PROFESSIONAL BREWER GROUP D.36	17	GUA0000004	OR 104 NBR AL 75 BLACK	X	CK	X	X	X	1	2	2
PROFESSIONAL BREWER GROUP D.36	H	Z0250014030R	§ CHAMBER D.36	X							
PROFESSIONAL BREWER GROUP D.36	19	VIT0009320	BEARING	X				CK	1	1	2
PROFESSIONAL BREWER GROUP D.36	30	VIT0009318	SPACER WASHER	X				CK	2	2	4
PROFESSIONAL BREWER GROUP D.36	31	VIT0009317	BEARING	X				CK	2	2	4
PROFESSIONAL BREWER GROUP D.36	32	GUA0001007	V RING GASKET VA16	X				CK	1	1	2
PROFESSIONAL BREWER GROUP D.36	N	Z0020039539R	§ SPOUT DELIVERY D.4	X					1	2	2
PROFESSIONAL BREWER GROUP D.36	100	Z0250014060CL	§ COFFEE BREWER VARIFLEX D.36	X					1	2	2
products container	2	Z0230030236AB	§ WHEEL MM54	X		CK		X	2	2	4
products container	4	GUA0000083	OR 123 RED SILICONE A70	X		CK		X	2	2	4
products container	5/a	Z0230030014	SPIRAL 18	X							
products container	5/b	Z0230030013	SPIRAL 9	X							
products container	7	Z0230030011	REAR BUSH	X			CK	X	1	1	1
products container	9	Z0230030237AB	§ WHEEL MM110	X		CK		X	2	2	4
products container	10/a	Z0230030064	AGITATOR 112 - RIGHT OUTLET	X		CK	CK	X	1	1	1
products container	10/b	Z0230030062	AGITATOR 112 - LEFT OUTLET	X		CK	CK	X	1	1	1
products container	14/a	Z0230030058R	§ INGRED. CHUTE-RIGHT ORANGE	X	Y	Y	Y	Y	1	2	2
products container	14/b	Z0230030044R	§ INGREDIENT CHUTE-RIGHT RED	X	Y	Y	Y	Y	1	1	2
products container	15/a	Z0230030057R	§ INGREDIENT CHUTE-LEFT ORANGE	X	Y	Y	Y	Y	1	2	2
products container	15/b	Z0230030043R	§ INGREDIENT CHUTE-LEFT RED	X	Y	Y	Y	Y	1	1	2
products container	16	Z0230030059R	§ INGRED. CHUTE-FRONTALORANGE	X				Y	1	2	2
products container	17	Z0230030060-05	PRODUCT AGITATOR	X		CK	CK	X	1	1	1
products container	18	Z0230030239	WHEEL PIN FORK	X					2	2	4
products container	19	Z0230030238-02	WHEEL PIN	X					1	1	2

					Preventive Maintenance				Recommended Spare Parts (considering the number of vending machines) (*1)		
Table	Pos.	Code	Description	Critical	A	B	C	D	1-10	11-50	>51
products container	100	Z0230030522R	§ CAN. 110-190 AGIT.18 W/LID-R	X				X	1	1	2
products container	101	Z0230030525R	§ CAN. 110-190 AGIT.18 W/LID-L	X				X	1	1	2
products container	102	Z0230030506R	§ CANIS. 54-190 WHEEL18 W/LID	X				X	1	1	2
products container	103	Z0230030502R	§ CANIS. 54-190 WHEEL9 W/LID	X				X	1	1	2
coffee beans container	2/a	ELE0001522CL	§ MICROSWITCH + LEVER + FASTON	X					1	1	2
coffee beans container	2/b	ELE0001535CLR	§MICROSWITCH GRINDER SAFETY	X					1	1	2
coffee beans container	100	Z0230015232CL4	§ COFFEE BEANS HOPPER	X					1	1	1
OPTIONAL KIT	3/b	SER00000015	LOCK MM20 C.3430	X					1	1	1
WIRINGS	6	CBLXSC0007	DOOR WIRING 24V	X					1	1	2
STM 32 BOARD	1	BRD05003	POWER BOARD TT 220V	X					1	1	2
STM 32 BOARD	100	BRD05003R	§BOARD CARR.+SOM+POWER TT 220V	X					1	1	2

