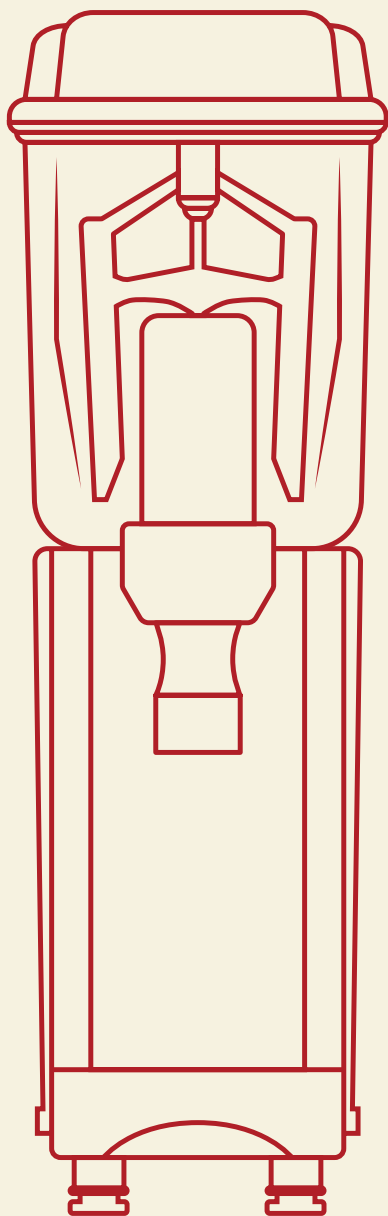




User Manual

Refrigerated Beverage Dispensers



3 Gallon Bowl:

#382RBD3G1

#382RBD3G2

#382RBD3G3

5 Gallon Bowl:

#382RBD5G1

#382RBD5G2

#382RBD5G3

12/2022

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Safety

- This instruction manual is an integral part of the machine and must be kept for any further consultation.
- This machine is a cold drink dispenser.
- This machine should be used only for the purpose for which it was designed. Any other use is inappropriate and therefore dangerous.
- The manufacturer will not be held responsible for any damage caused by improper use.
- Before installing and operating the machine read this instruction manual carefully.

Basic safety rules:

- **DO NOT** touch the machine when hands or feet are wet.
- **DO NOT** use the machine when barefoot.
- This appliance should only be used by persons who have the knowledge, experience, and capability to operate it in a safe way.
- **DO NOT** allow children to play with the appliance.
- **DO NOT** allow the machine to be used by children or untrained persons.
- **DO NOT** leave the machine outdoors.
- **DO NOT** pull on the electrical cord to unplug the machine.

The company reserves the right to modify the construction or appearance without notice.



Prop 65 Warning
WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, go to www.p65warnings.ca.gov



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Technical Features

	RBD3G1	RBD3G2	RBD3G3	RBD5G1	RBD5G2	RBD5G3
Bowls	1	2	3	1	2	3
Capacity	1 x 3 Gal	2 x 3 Gal	3 x 3 Gal	1 x 5 Gal	2 x 5 Gal	3 x 5 Gal
Gas	R134a					
Width	7.9 in	14.7 in	23.6 in	8.2 in	16.3 in	24.2 in
Depth	16.9 in					
Height	30 in			28.9 in	28.9 in	28.9 in
Weight	42 lb	59.5 lb	84 lb	45 lb	70 lb	132 lb
Power	275W	325W	395W	260W	550W	710W
Voltage	120V					

Serial Plate

The technical features of the machine are reported on the serial plate attached on the frame.

ITEM: 382RBD3G1



MODEL: COLDREAM 1M

DESCRIPTION: REFRIGERATED
BEVERAGE DISPENSER


VOLTAGE: 120V **WATTS:** 275W

GAS/Q. TY: R513 - GR. 140

SERIAL #:

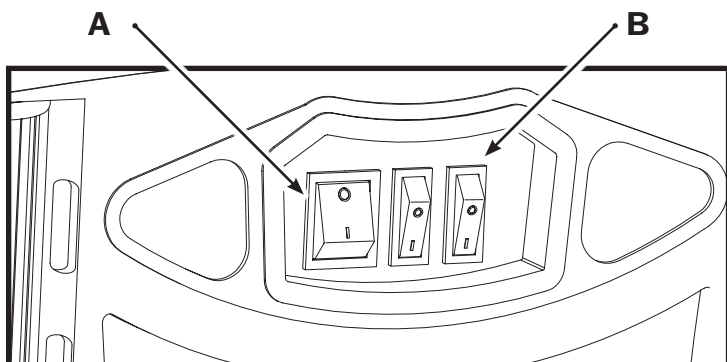
Intertek 5018325 Intertek 5018325



MADE IN ITALY

Main Controls

Positioned on the right side of the machine.



A - Main Power Switch

O: Machine is OFF

I: Machine is ON

B - Mixing System Switch(es) - One for Each Bowl

O: Mixer is OFF

I: Mixer is ON

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Installation

Unpacking

In order to prevent the oil contained in the air-tight compressor from flowing into the cooling circuit, it is necessary to always carry, store, and handle the machine in a vertical position, following the instructions found on the packaging.

If the machine was accidentally or purposely placed in a non-vertical position during transport, before operating the machine it should be kept in a straight position for approximately 30 minutes to allow the oil to flow back into the compressor.

1. Remove cardboard and plastic covering.
2. Check the unit to make sure it is not damaged or missing any parts.
3. Remove the plastic film from all the stainless steel panels.
4. Before operating, remove the green plastic plug(s) from the tap(s). (Fig. 1)

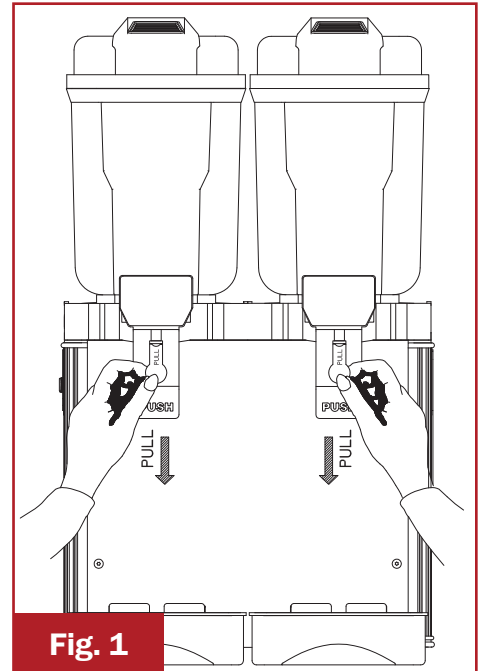


Fig. 1

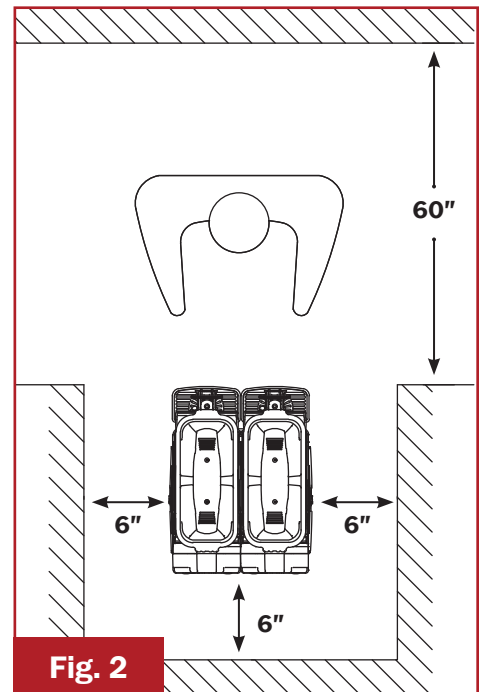


Fig. 2



CAUTION

Dispose of packaging materials correctly.
Do not leave within reach of children.

Positioning

1. Place the machine on a sturdy horizontal surface.
2. For improved ventilation, maintain a distance of 6 in. between the unit and walls or other obstacles. Increase the distance if the unit is placed near a heating source. (Fig. 2)
3. Leave 60 in. of free space in front of the machine to allow for easy use and maintenance. (Fig. 2)
4. Leave 10 in. of free space above the machine to allow for removal of lids. (Fig. 2)
5. When the machine is in place, adjust the rubber legs to level.

Electrical Connection

If in doubt, consult a specialized electrical technician. Before inserting the plug into the electrical outlet, carefully read the following precautions:

1. Make sure that the machine is properly connected to an efficient grounding system.
2. Make sure that the voltage is in accordance with what is indicated on the serial plate tag applied on the chassis.
3. Make sure that the current available is sufficient for the maximum required by the machine.
4. If needed, use only approved multiple outlets, in compliance with current safety standards.
5. If in doubt, consult only specialized technicians.

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Operation

Preparing The Product

Concentrate

In order to obtain a homogeneous mix, the product will need to be pre-mixed before being added to the machine. Follow the manufacturer's recommendations for mixing.

Ready-to-Use & Pre-Mixed Concentrates

1. Turn the machine OFF and unplug from power supply.
2. Pour liquid into the bowl. (Fig. 3)
3. DO NOT pour below the MIN Level. (3-4 L)
4. DO NOT pour above the MAX Level.

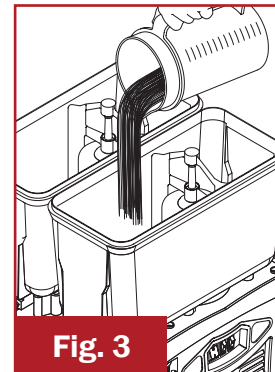
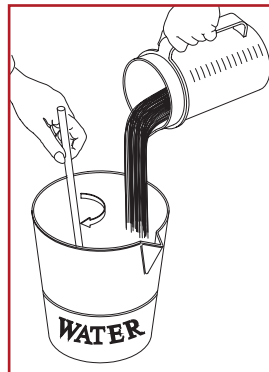


Fig. 3



CAUTION

Before using the machine, all food contact surfaces and components must be cleaned and sanitized in accordance to the Washing & Sanitizing section of this manual.

Cold Drinks

Prepare the product separately before proceeding.

1. Make sure that the main switch (A) is in the [OFF] position and plug in the machine. (Fig. 4)
2. Before starting the machine ensure that the bowls are properly closed with their covers.
3. Turn the main switch (A) to [ON] position; the refrigerant group unit will automatically start. (Fig. 4)
4. To start the mixing action, turn the mixing system switch (B) to [ON] position. There is a switch for each Bowl. (Fig. 4)
5. To dispense your beverage, press glass/cup lightly against the lever.

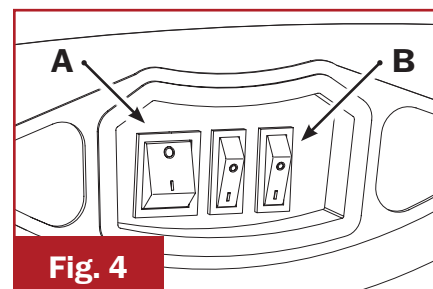


Fig. 4



CAUTION

DO NOT run the pump without liquid.

Beverage Temperature Regulator

1. Every dispenser has been tested and the thermostat has been set at c.a. +5°C temperature.
2. To adjust the temperature, Turn the thermostat knob on the side of the unit. Rotate clockwise to increase the temperature and counter clockwise to decrease.



CAUTION

Remove power plug before adjusting temperature.

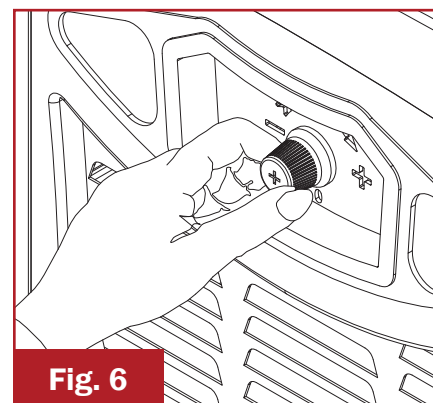


Fig. 6

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Cleaning



CAUTION

The machine must be turned OFF and unplugged from the power source before cleaning.

Empty The Bowl

1. Use the tap lever to empty any remaining liquid into a container.
2. DO NOT Proceed without emptying the bowl.

Disassembly (Fig. 7)

1. Gently lift the lid off of the unit.
2. Extract the mixer.
3. Gently lift the bowl off of the unit. Should you have difficulty, it may be necessary to dampen steel refrigerator and gasket, then repeat the operation.
4. Lift the bowl gasket off of the unit.
5. Unhook the drip tray by pulling up and lifting away from the machine.
6. To reassemble the unit, repeat the above operations in reverse.

Cleaning

Do not use abrasive powders which might impair the container and lid's shine.

1. Fill a basin with lukewarm water and a neutral detergent.
2. Wash all components (except the lid) in the basin.
3. Wash the lid with a wet, soft cloth.
4. If the dispenser is out of use for a long period of time, remove the power plug and clean all parts carefully; keep the dispenser away from dust and cover it with a plastic sheet.
5. Dry all parts with a soft cloth.

Sanitizing

Sanitizing must be done before the initial use of the machine or if it is not used for an extended period of time.

1. Follow washing instructions.
2. Make a solution of 2% sodium hypochlorite (bleach) in lukewarm water.
3. Use a soft cloth or brush to apply the solution to all components.
4. Rinse all parts carefully with clean lukewarm water to remove any residual solution.
5. Dry all parts with a soft cloth.

Servicing

Any necessary repairs on the machine should be undertaken exclusively by a certified technician, using original replacement parts. The electrical cord should not be replaced by the user.

1. After disconnecting the dispenser, remove panels and clean inside parts, especially condenser fins, with a brush (Fig. 8).
2. Dust reduces the performance of the machine, so clean it at least once a month.
3. The dispenser does not require oiling.

Disposal

When the machine is no longer of use, dispose of it properly. Or if still operational, sell off through an authorized organization or company.

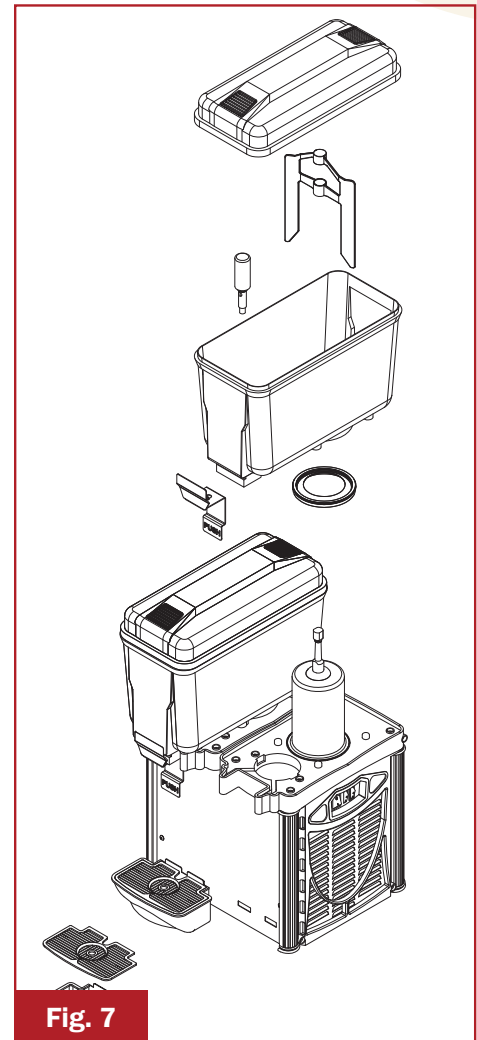


Fig. 7

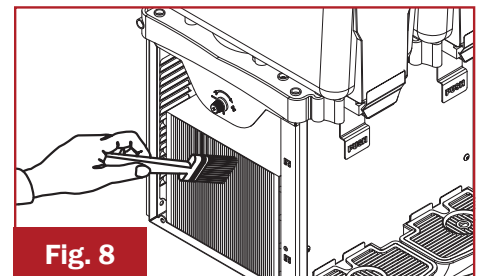


Fig. 8

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Troubleshooting



CAUTION

Problems marked with this symbol must be handled by a specialized technician.

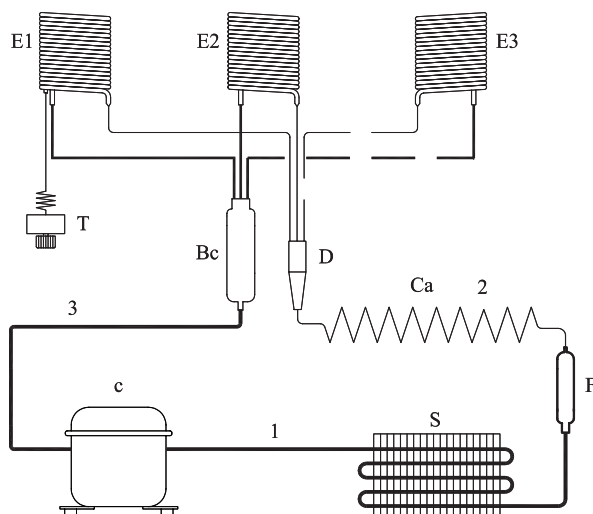
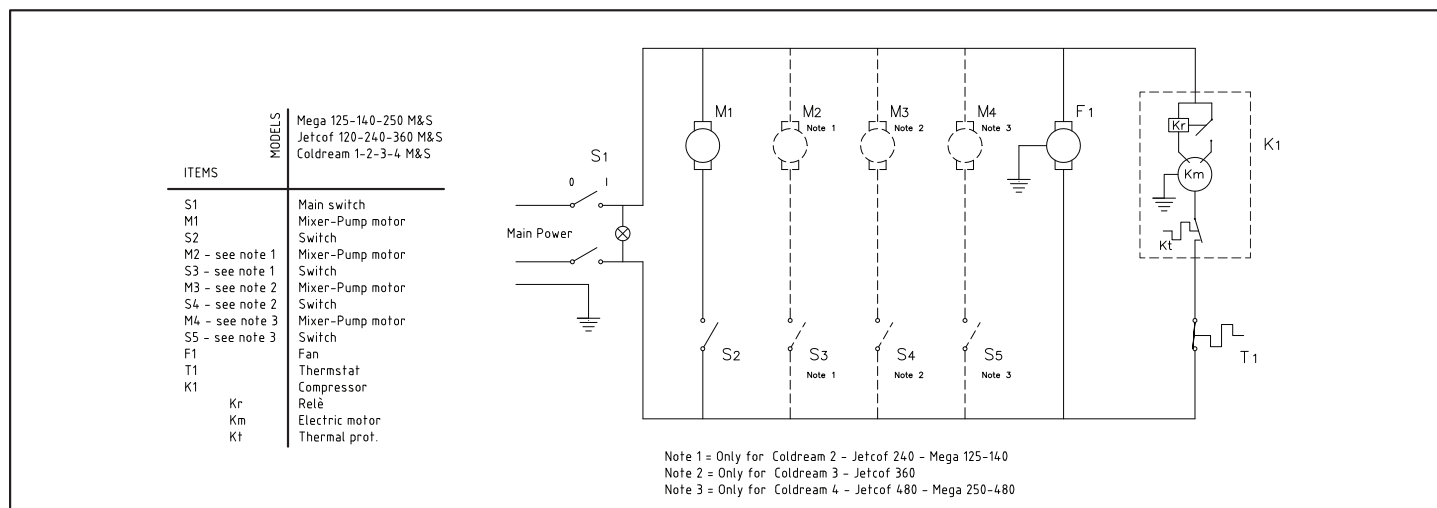
PROBLEM	CAUSE	SOLUTION
The machine does not turn ON	The Main Switch is not set to I	Set the Main Switch to I
	The machine is not plugged in	Plug the machine into the outlet
	Electric cable defective	Replace the electric cable 
	The Main Switch is defective	Replace the switch 
The machine is not cooling	Compressor does not start	See "Compressor does not start" section below
	Gas leak into the cooling circuit	Find leak, filter it out & re-charge cooling circuit 
	Condenser is clogged	Clean the condenser (see Fig. 8)
	Fan motor is burnt out	Replace the fan motor 
	Lack of air flow	Increase the distance between the machine and other obstacles/heating sources (see Fig. 2)
Compressor does not start	Main Switch is broken	Replace Main Switch 
	Compressor protector is broken	Replace compressor protector
	Compressor relay is broken	Replace compressor relay 
	Compressor motor is broken	Replace motor 
One bowl is not cooling	Gas leak into the cooling circuit	Find leak, filter it out & re-charge cooling circuit 
	Condenser is clogged	Clean the condenser (see Fig. 8)
	Lack of air flow	Increase the distance between the machine and other obstacles/heating sources (see Fig. 2)
	Tube of the cooling circuit is clogged	Cut the tube, eliminate clog, re-charge the cooling circuit 
	Filter is clogged	Replace the filter
Stirring paddles not working	The gearbox is broken	Replace the gearbox, taking care to assemble it in the correct position 
	The gearbox switch is broken	Replace the gearbox switch 
The pump is not working	The pump motor is broken	Replace the pump motor 
	The pump switch is broken	Replace the pump switch 

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Electrical Diagram - 3G/1/2/3, 5G/1/2/3



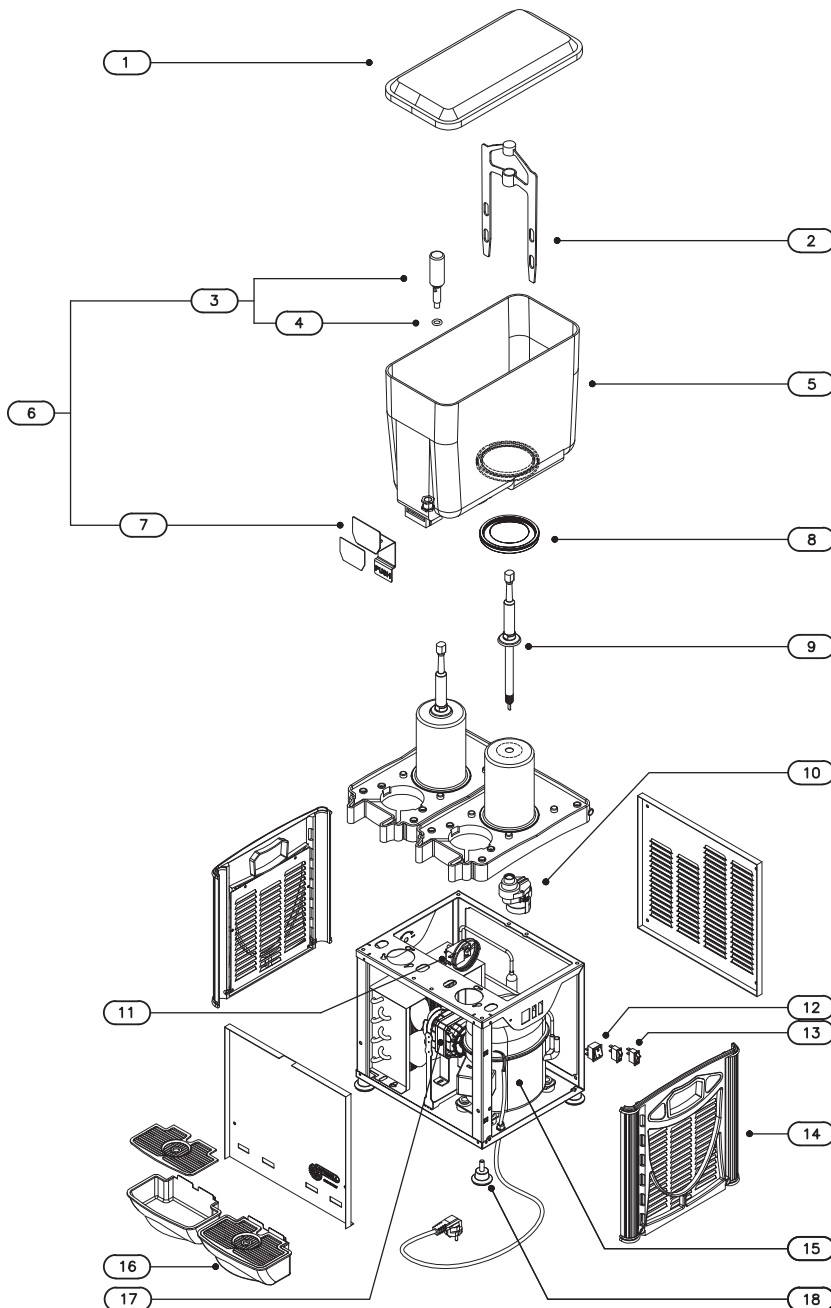
c	Compressor
S	Exchanger
F	Fan motor
Bc	Boiler collector
E 1,2,3	Evaporator
D	Distributor
Ca	Capillary
1	Drain Line
2	Liquid Line
3	Suction Line
T	Thermostat

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Parts Diagram - 3G/1/2/3, 5G/1/2/3



NO.	DESCRIPTION
1	Lid
2	Mixer Paddle
3	S/S Piston
4	O-R for Stainless Steel Tap
5	Bowl
6	Stainless Steel Tap Assembly
7	Push Lever
8	Bowl Gasket
9	Mixer Guiding Shaft
10	Gearbox 110V
	Gearbox 220V
11	Thermostat
12	Red Switch
13	Black Switch
14	Side Panel Grey
	Side Panel Red
	Side Panel Blue
15	Compressor 220V
	Compressor 110V
	Compressor 220V
	Compressor 110V
	Compressor 220V/50
	Compressor 220V/60
	Compressor 110V
16	Drip Tray
17	Fan Motor 220V
	Fan Motor 110V
	Fan Motor 220V
	Fan Motor 110V
	Fan Motor 220V
	Fan Motor 110V
18	Rubber Leg