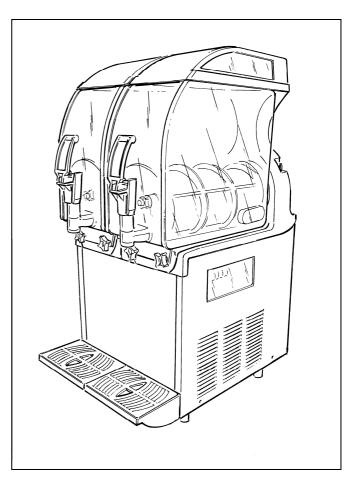


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SLUSH MACHINE

IPro



OPERATOR'S MANUAL







Revision Date: November, 2013 Revision: 1



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Dear Customer, We would like to congratulate you for choosing this high-quality product, that will certainly meet all your expectations. We thank you for the preference reserved to our company and we invite you to carefully read the following instruction manual before machine's start up.

Published by:

SPM DRINK SYSTEMS S.p.a. Via Panaro nº 2 41057 Spilamberto (MO)

Edition: 11/2013 Revision: 01 © 2013 – SPM Drink Systems

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The descriptions and illustrations refer to the specific machine at issue. **SPM Drink Systems** reserves the right to modify at any time the equipment for mass production.

This manual:

- is integral part of the supply and must be carefully read, in order to be properly used, in compliance with the essential safety requirements;
- has been drafted by following the dispositions **2006/42/CE** and reports the technical information that are necessary to correctly run all the procedures, under safety conditions;
- must be carefully kept (protected by a transparent, watertight wrapping, in order to avoid any damage) and must go with the machine during its life, including potential changes of ownership. In case of loss or damage, it's possible to ask for a copy to **SPM DRINK SYSTEMS**, pointing out the information stated on the identification label;

SPM DRINK SYSTEMS declines all responsibility for a wrong usage of the machine and/or damages caused by operations not provided for in this manual..



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1. IMPORTANT WARNINGS AND ADVICES

an integral part of the equipment and must also: be kept for future consultation.

addressed to operators (staff members for machine maintenance; who uses the equipment on a daily basis) - EC declaration of conformity; and to servicemen (staff members qualified - 1 drip tray and 1 suction gasket for each bowl. carry out the installation and/or to maintenance). The parts of the manual addressed only to servicemen are pointed out accordingly. Please read carefully the listed below warnings here installation and start-up of the equipment. This equipment has been designed to device must be carried, stored and handled in produce slushes, products.

that its part number matches the one reasons) kept in any other position, it must be specified in the order, which can be found on all the delivery documents.

This equipment is exclusively destined to the purpose for which it was designed. The manufacturer cannot be held responsible for any damage due to improper use.

This equipment is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, without supervision or instruction concerning its use by a person responsible for their safety. Children should be supervised to ensure that they do not play with the machine.

This equipment is not suitable for outdoor To prevent and avoid any damage to the use. This machine is not suitable for machine, all loading and unloading operations installation in locations where water jets should be carried out with special care. The are used. This equipment must be installed equipment can be lifted, with either a manual or in places where it can be controlled by engine-powered lifting truck, by positioning the qualified staff.

2. EQUIPMENT KIT

This installation and operation manual is In the packaging of this equipment you will find

- operator's manual,

Unless otherwise stated, this manual is - 1 tube of Vaseline grease lubricant to be used

3. TRANPORT TIPS

before To prevent the oil held in the hermetic compressor running into the cooling circuit, the sorbets and similar the upright position, following the direction instructions on the packing. If the device is Upon receipt of the equipment, make sure accidentally or intentionally (for transportation set again in the correct position at least twenty minutes before start-up procedures, in order to let the oil flow back into the compressor.

4. LIFTING TIPS

Each machine is equipped with a special wooden pallet that allows the handling with standard forklift trucks.

陆 Caution 👪

Never lift the machine alone, but always seek the assistance of another operator.

forks in the base section of the unit.

The following operations should always be avoided:

- to turn upside down the machine;
- to drag the machine with ropes or others;
- to lift the machine with slings or ropes
- to shake or rattle the machine and its packaging.



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The machine must be stored in a dry place with Noise emissions temperatures from 0°C to 40 °C (32°F and 100°F). No more than 2 machines should be stacked on top of each other, taking care to maintain the vertical position, as shown by the arrows on the carton.

5. TECHNICAL SPECIFICATIONS

Technical and electrical specifications

All the machine's technical and electrical specifications are stated on the identification plate, positioned in the internal part of the Disposal equipment; a sample is shown here below.

DATA DI PRO		S.P.M. Drink: Via Panaro, 2 41057 Spliamt Tel.059/78120	erto (MO) II	alv .	CE le in Italy
MOD.	NR.	VOLT/HZ/PH	WATT	Amp	KG
emperatura	Lambiente	di utilizzo della ma	icchina fr.	a 24 e 32	L ⁰C

The plate specifies:

- Model: XX
- n°: XX
- Electrical specifications: Volt/ Hz
- Max. absorption (Watt)
- Max. current (Amp)
- between 24°C and 38°C.

(75°F and 100°F) NOTE: Machine performance may be reduced at the higher end of this range.

Dimensions and weight:

IPro 1

- Height 87 cm.
- Width 20 cm.
- Depth 58 cm.
- Weight 39 kg.

IPro 2

- Height 87 cm.
- Width 40 cm.
- Depth 58 cm.
- Weight 60 kg.

IPro 3

- Height 87 cm.
- Width 60 cm.
- Depth 58 cm.
- Weight 81 kg.

The continuous, equivalent, weighted level of acoustic pressure is below 70 dB.

In the event of breakdown:

In most cases, any technical problem can be settled with slight interventions (please see the troubleshooting guide at the end of this manual); we therefore recommend you to carefully read this handbook before contacting the manufacturer or service centre.



All the parts of the packaging must be kept beyond the range of children, as they might represent a potential safety/health risk.

Important

In respect of the environment, please dispose the packaging as illustrated.



heans that the machine This symbol: / cannot be disposed as common waste. It must Machine ambient working temperatures be handled in compliance with the provisions of European directive 2002/96/CE (Waste Electrical and Electronic Devices - WEEE) and the resulting national legislation, in order to prevent any potential damage to the environment and to create health risks.

In order to correctly dispose of the device, please contact the distributor from which you purchased it or our after-sales service.



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6. POSITIONING

FOR SERVICEMAN ONLY

The installation and subsequent servicing operations must be carried out by skilled members who have been trained to use the device and in compliance with the regulations in force.

a) Remove the packing (fig.1), preserve it in order to reuse for winter storage and make sure the machine is in perfect condition.

!CAUTION!

All the parts of the packaging must be kept beyond the range of children, as they might represent a potential safety/health risk.

b) Rest the machine on a sturdy, flat surface making sure it is well ventilated by leaving a gap of 20 cm around it and do not install it near heat sources (fig.2); we recommend you to maintain a room temperature between 24 and 38°C. (75°F and 100°F)

NOTE: Machine performance may be reduced at the higher end of this range.

c) Check that the power mains voltage meets the specifications on the equipment identification plate and that the output available meets the device's power requirements. Fit the plug into an grounded socket, removing all multiple adaptors.

FOR FURTHER PRECAUTIONS, READ THE SECTION "CONNECTION TO THE ELECTRICITY MAINS" CAREFULLY.

d) The installation must be c arried out in accordance with the manufacturer's instructions. Failure to comply with the positioning and installation instructions may impair the machine's operation.

Important

You are legally required to provide a suitable grounding system for the equipment. Before carrying out any cleaning and/or special maintenance on the device, make sure it is disconnected from the mains by unplugging it. In the event of a breakdown or malfunctioning, switch off the device and remove the plug.

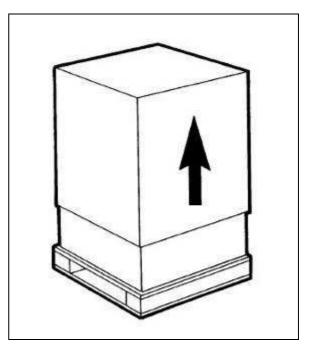


Fig. 1

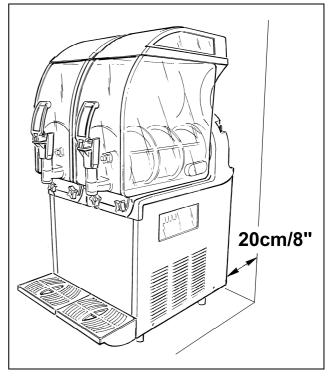


Fig. 2



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7. CONNECTION TO THE POWER SUPPLY MAINS

FOR SERVICEMAN ONLY

Before fitting the plug in the power supply socket, for your own safety, as already mentioned in the previous paragraph, please read the following precautions.

- The machine's electrical safety is only guaranteed when it is connected to a suitable earth system, structured as provided by the national safety current regulations (fig.3). Therefore, the manufacturer cannot be held responsible for any damage due to failure of the grounding system of the machine.

- Do not obstruct the ventilating grill and heat dispersion grill, since an insufficient ventilation may not only reduce the efficiency of the machine, causing it to function inadequately, but may also cause serious damage to the machine.

- Always verify electrical specifications on the data plate of each machine. Data plate specifications always replace the information of this manual.

- For a safe and correct installation, it is essential to provide a suitable socket controlled by a thermal cut-out switch whose contacts are at least 3 mm apart, in accordance with the current national safety regulations (see fig.3).

- Never use extensions or multiple adaptors.

- Check the power lead along its entire length to make sure it is not crushed in any way.

- To unplug the device, first disconnect the power supply with the switch, then grip the plug and gently pull it out.

Important

IF THE POWER CABLE IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER, ITS AFTER SALE SERVICE OR BY QUALIFIED PERSONNEL, TO PREVENT ANY POSSIBLE RISK.

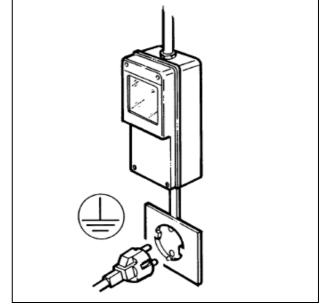


Fig. 3



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8. START-UP PROCEDURES

IMPORTANT! BEFORE STARTING THE MACHINE, CARRY OUT THE CLEANING AND SANITIZING PROCEDURES DESCRIBED IN CHAPTER 11.

- Dilute and mix the product in a separate container according to the manufacturer's instructions (see fig.4); never pour dry powder, crystals, or concentrate into a dry bowl.

> **Caution** Using product mix less than 10 brix could result in freeze ups and/or machine damage. **NEVER USE ONLY WATER.**

- Remove the luminous cover after unblocking it by turning its special key clockwise (see fig.5).

- Remove the secondary transparent cover (fig.6).

- Pour the mix obtained into the bowl respecting the maximum limit on the bowl (see fig.7).

- Restore the secondary transparent cover and then the luminous one making sure to have it pushing against the security system

- Secure it by rotating its key counter clock-wise.

Note IPRO is equipped with a very efficient safety mechanism designed to protect the operator; it is activated when cover is lifted. This device automatically and immediately stops all moving parts. If the main cover is not correctly positioned, the unit will not work.

- Insert the plug into the electrical power outlet.
- Activate the main switch.

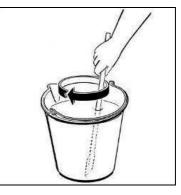


Fig. 4

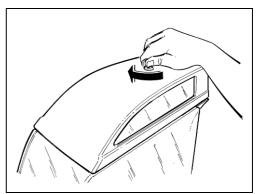
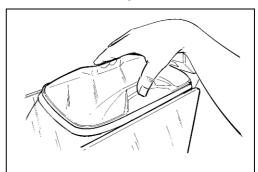
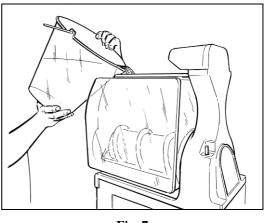


Fig. 5











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9. MECHANICAL CONTROL BOARD

a) Activate the general switch (D);

b) Each bowl is controlled by two switches which are activated as follows:

- to make ice slush or sorbets: first select the switch (1) (L for left bowl, C for the central one and R for the right one) to activate the mixer components, then select the corresponding switch (2) to activate the cooling system in the freeze mode.

- in order to activate the defrost mode: select the switch (1) (L for left bowl, C for the central one and R for the right one) to activate the mixer components, then select the corresponding switch (L) to activate the cooling system at a positive temperature.

c) The (E) switch controls the covers' LED lights.

! Warning !

If the machine is turned off at night, with the bowls filled, or just partially filled, a layer of solid ice may form on the surface, due to the natural separation of the unmixed product. In this case, before turning the machine back on, it is necessary to verify for the product complete melting in order to prevent damage to the mixing auger.

!CAUTION!

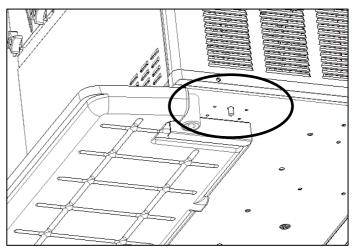
IPRO is equipped with an insulated bowl that will preserve the product temperature for many hours so once it will be necessary to operate in defrost/chill mode, we recommend to extend the duration of this operating mode until the product complete melting.

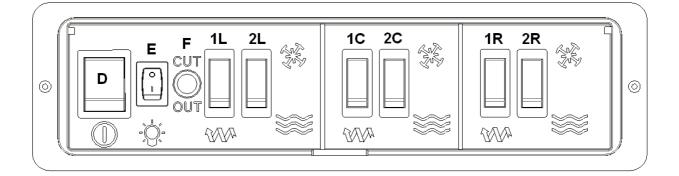
CUT/OUT alarm and safety pressure switched intervention

If the unit is equipped with the safety pressure switch, the red light F on the unit right side, advices the user when the safety pressure switch has been activated and needs to be manually re-activated.

The manually re-start button is seated under the unit near the right side as indicated by the picture below.

In order to find and fix the root conditions that have forced its activation, please see the "FILTER CLEANING" and the "SYSTEM OVER TEMPERATURE" alarms paragraphs.







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Mechanical timer

If the unit is provided with a mechanical timer to automatically control the defrost mode, proceed with the timer regulation as described below:

Time regulation

• Set the hours by turning the external ring clockwise (fig.12);

CAUTION: the external ring is divided in two sectors of 12 hours each, respectively marked with AM for time hours between 0 and 12 and with PM for time hours between 12 and 24; verify to have correctly set the desired time hour on the desired side of the ring.

 Set the minutes by turning the minutes hand on the internal ring clockwise (fig.13);

The timer is powered when the plug is connected to the mains, in case the unit is disconnected, it has an internal battery that will keep the right time for 150 hours.

Timer activation

CAUTION: the timer is able to modify the unit behaviour only when the unit itself is operating in freeze or defrost mode.

In order to activate the timer into a precise time period, it is sufficient to move the correspondent tabs from the internal OFF to the external ON position (fig.14).

When the timer is activated (white tabs on the external ring on the ON position, fig.14), the unit will operate in defrost mode also if the switch number 2 is in the freeze position.

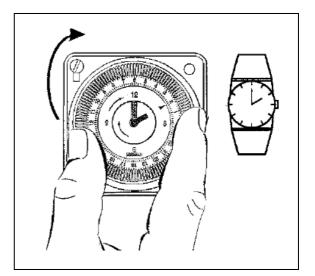


Fig. 12

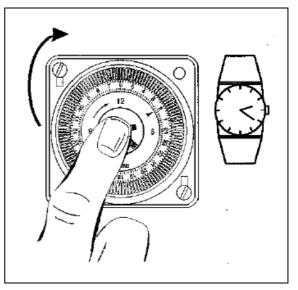


Fig. 13

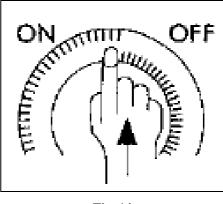


Fig. 14



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10.OPERATING INSTRUCTIONS

a) To dispense the product, position the cup under the tap and pull the dispensing lever (see figure 15).

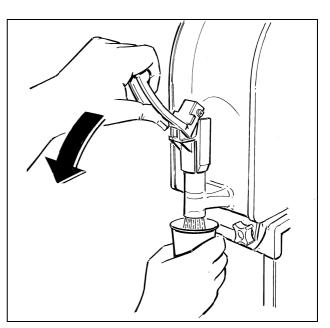


Fig. 15

b) **Adjusting the consistency**: to alter the consistency of the product, turn the screws located on the back of the machine in the following way: clockwise to make the product less dense, counter clockwise to make the product denser (see figure 16).

Important

This device only changes the consistency of the product to be dispensed. It does not affect the cooling temperature of the product.

A Caution A

When the level of the slush inside the bowl is below the minimum, to prevent the product from becoming too thick, it is necessary to refill the bowl.

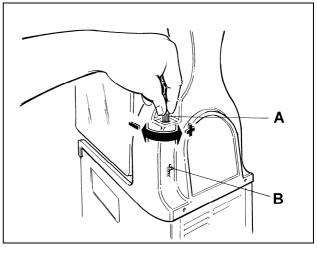


Fig. 16



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11. DAILY CLEANING AND SANITIZING PROCEDURES

In order to maintain the machine in like-new operating condition and to respect current regulations, it's absolutely necessary to frequently and carefully perform the cleaning and sanitizing operations as described below.

In case of prolonged shutdown (winter storage), the machine must be disassembled, washed and sanitized according to the instructions in this manual before start-up to ensure the best possible cleanliness.

A Caution A

Electric shock hazard. Do not splash water on switches or allow water to flow onto electrical components inside the machine.

A Caution A

To prevent bacteria growth, use only sanitizers approved for plastic and rubber objects, failure to do so could create a health hazard.

NOTE: it is responsibility of the operator to be aware of and conform to the requirements of current local, state and federal laws concerning the frequency of cleaning and conservation of products used.

The cleaning instructions explained in this section are essential procedures to remove bacteria and maintain a sanitarily clean machine.

We recommend to perform the cleaning and sanitizing procedures every day, when using perishable products, and anyway according to the local laws.

The machine and the mix manufacturers decline all responsibility to damage that directly or indirectly derives from people, animals, as consequence of failure to comply with all cleaning and sanitation instructions indicated in this manual.



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- Empty the bowl of any remaining product.

- After unlocking the main cover with its key, remove it.

- Fill the bowl with lukewarm water to help melt off any sugar residuals and drain this water before proceeding with the next step.

A Caution A

To avoid electrical shock or contact with moving parts, before proceeding with the disassembling operations, make sure all switches are in "OFF" position and that the main power supply is disconnected.

- Unscrew and slip off the knobs (fig.17) then lower the bowl to eliminate any product residue through the dispensing tap.

- Slightly move up and down the bowl as shown in figure 18 while pulling it outwards, this operation will help fully removing it from its seating.

- Simultaneously apply pressure to the two securing tabs (Q), and lift the dispensing tap (I) to pull it out of its fixed position (see figure 19).

- Disassemble the dispensing tap by keeping the indicated part (R) pressed down and slipping off the dispensing lever (L) (see figure 20).

- Thoroughly wash each single part with hot water and mild dish washing detergent, rinse well, and reassemble the parts.

A Caution A

To prevent bacteria growth, remove all o-rings when cleaning. Failure to do so could create a health hazard.

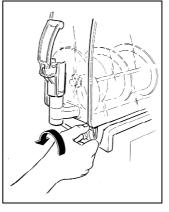


Fig. 17

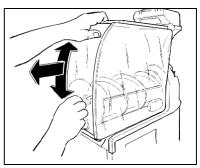


Fig. 18

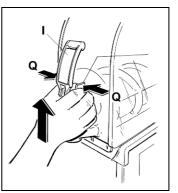


Fig. 19

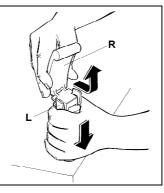


Fig. 20



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- Unscrew the securing bolt (S) in the direction of the arrow (threading on the left), pull off of the mixing unit (U), and remove the sealing washers (X) and (T) (see figure 21).

A Caution A

Avoid the use of abrasive cleaners which can damage the finish. Do not put the parts in a dishwasher. Dishwasher may damage some parts such as the clear plastic bowls and auger gears.

- Thoroughly wash all the removed components with hot water and mild dish washing detergent, but do not use abrasive detergents or powders that can damage the bowl.

- Provide yourself with a sanitizer suitable for plastic, rubber and stainless steel objects (AMUCHINA®).

- Rinse well and then place all the components in the sanitizer solution; for proper sanitizing the parts must remain fully plunged as recommended by the sanitizer manufacturer.

A IMPORTANT A Carefully follow the sanitizer producer prescriptions in terms of time and modes of usage.

- After respecting the correct sanitizing period, rinse well all the components with clean water and dry them up with a clean cloth.

- Thoroughly wash the evaporator and the drip tray surfaces with a sponge soaked with the sanitizer (see fig.22).

- Repeat all these operations with a clean sponge soaked with water and carefully dry up all the surfaces with a clean cloth.

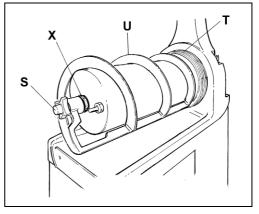


Fig. 21

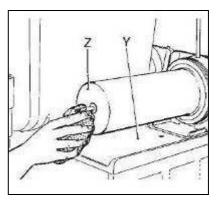


Fig. 22



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Once performed all these cleaning and sanitizing procedures, it's possible to reassemble all the components.

The correct assembly of the device is essential to prevent leakage of product and damage of the machine. To assemble the machine you will need an approved lubricant (such as Vaseline). Make sure all parts have been washed and sanitized before assembling. Persons assembling the machine must first wash and sanitize their hands and forearms with an approved sanitizer.

- Mount the mixing system back together (fig.18), according to the following procedures:

- Spread the suction gaskets (X) with Vaseline grease to reduce friction and thus limit wear (fig.23).
- Mount the bowl seal (T) making sure it faces the right direction (fig.24).
- Assemble the scraper auger (U), making sure the head is perfectly engages with the driving shaft.
- Secure all the parts into place by screwing the bolt (S) in a counter clockwise direction.

- Mount the bowl back on, positioning it into place, and making sure that it has a tight hold on its gasket (see figure 26). To facilitate this procedure, we also suggest that the rear part of the bowl be moistened at the point in which it fits together with its sealing (fig.25).

- Secure the bowl by tightening the two knobs, without exerting excessive pressure.

IMPORTANT Do not over tighten the bowl knobs. Excessive force could damage the thread and/or the bowl itself.



Fig. 23

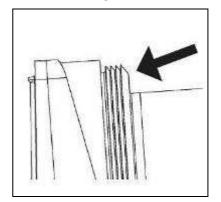


Fig. 24

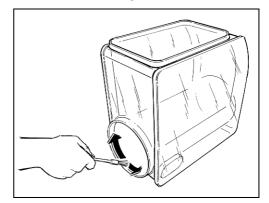


Fig. 25

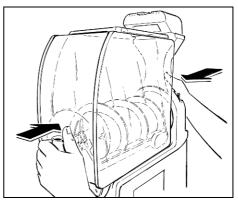


Fig. 26



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- Reassemble the parts of the dispensing tap, making sure that the gaskets (J) are lubricated with Vaseline grease so that the tap slides smoothly back into its fixed position, until it's completely inserted (see figure 27).

Important! The not perfect sliding of the tap compromises its own seal.

- Remove the drip tray and pulling it forward (see figure 28). Wash each part thoroughly, then reassemble the parts by inversely following the procedures described above.

- Plug the unit back into appropriate power supply.

- After the cleaning and reassembly as per above instructions, fill the bowl with a mix of water and an approved sanitizer (example AMUCHINA®), according to the measures specified.

- Start the mixing part of the machine to sanitize all the parts following the cleaning solution specifications.

- Drain the cleaning solution as follows:

- Unscrew the two knobs;
- Then lower the bowl to drain out any remaining product through the dispensing valve.
- Screws the knobs to fix the bowls.

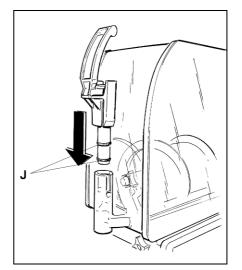


Fig. 27

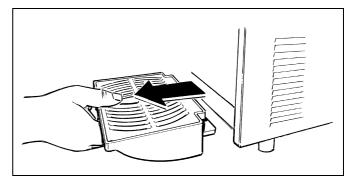


Fig. 28



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SANITIZING

Whenever the machine has remained unused for some days after been cleaned and sanitized as described in the chapter 11, the sanitizing procedures described below must be performed just prior to start-up the machine.

- Remove the main cover and the secondary transparent one.

- Pour sanitizing solution (AMUCHINA®) into the bowl carefully following the manufacturer prescriptions.

- After restoring the main cover, switch on the machine and let the auger rotating leaving the sanitizing solution for the time specified by its producer.

IMPORTANT Never let the sanitizer inside the bowl for more than 15 minutes.

- Drain the solution by opening the plunger to allow the bowl to empty. Open and close the plunger at least 10 times during draining to sanitize the product way out area also.

- Thoroughly rinse repeating these operations with clean water instead of sanitizer solution.

- Now the machine is ready to be used.



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12. SPECIAL MAINTENTANCE

A Caution A

Before proceeding with any maintenance operation, it is compulsory to switch off the machine and unplug it from the mains.

Condenser cleaning

In order to guarantee good cooling system performance, the condenser must be well cleaned **every month**.

How to reach it:

- Switch off the power supply and disconnect the power cable;

- Unscrew the knob (K) in order to remove the back panel (see figure 29).

- Remove the panel and the filter and clean it properly with water or vacuum cleaner (see figure 30).

- Replace the clean filter inside the back panel and reinstall the panel on the machine.

!ATTENTION!

Failure to maintain a clean filter and condenser will cause damage to the unit and consequently void the warranty.

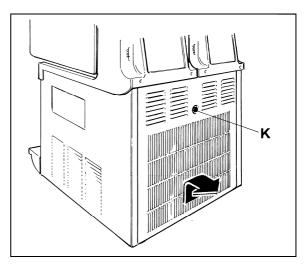


Fig. 29

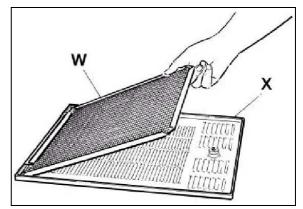


Fig. 30



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Control and replacement of seals

BOWL GASKET (LOCATED AT THE REAR OF BOWL)

Replace it every 12 months according to the conditions of use and level of maintenance.

DISPENSE VALVE O-RING

The dispense valve o-rings should be replaced as necessary when wear is evident. Lubricate them each time they are replaced or the dispense valve is removed for cleaning.

SUCTION GASKET

Replace every 3 months according to the conditions of use and level of maintenance. This part should be lubricated during the reassembly after every cleaning with Vaseline.

Winter storage

To protect the unit during seasonal shutdown, it's important to properly store the machine using the following procedures:

- Disconnect all power to the freezer.

- Disassemble, wash and sanitize all parts that come into contact with the mix as described in chapter 11.

- Clean also all the exterior panels.
- Reassemble all these parts.

- Cover the machine with the original package to protect it from dust or other contaminating elements.

- Place the machine in dry location.

13. DISCLAIMER

The manufacturer declines all responsibility for any damage that directly or indirectly might be brought on to people, things, animals, as a consequence of failure to comply with all instructions given in this manual with the warnings concerning installation procedures, use and maintenance of the machine.

The manufacturer cannot be held responsible for possible mistakes due to printing, copying or translating errors contained in this manual. In addition, the manufacturer reserves the right to modify what deemed necessary or useful for the machine, as well as for the benefit of the user, yet at the same time maintaining the essential operative and safety characteristics of said machine.



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14. TROUBLESHOOTING GUIDE

NOTE: the following procedures must be performed by a qualified service technician.

Problem	Possible cause	Solution
The machine does not cool,	The space around the machine is	Allow at least 20cm between the
or cools only partially and	inadequate for ventilation	machine and anything next to it;
the compressor is running	The refrigeration system is working in	keep it away from heat sources
	DEFROST mode	Return to FREEZE mode
	• The condenser filter is clogged with	Clean the filter
	airborne particles	Check the fan motor's electrical
	Fan motor is not running	connections and, if disconnected,
	Refrigerant is leaking	reconnect. If still not operating,
		replace the motor
		Locate the leak, eliminate it and
		recharge the system
The machine does not cool,	Electrical components of the compressor	Replace the malfunctioning
or cools only partially and	are not functioning	components
the compressor is not	• Some electrical connections are not	Check the contacts and correct
running	complete	those incomplete
	 The compressor is malfunctioning 	 Replace the compressor
	• No current is coming to the electronic	Check the electrical connections
	board	to the pc board as well as the
		transformer feeding the PC
		board and correct
The machine over-freeze,	The product brix is too low	Check the product brix and
making the auger movement	• The screw setting for the consistency	correct
slow or stopped	control system is set too far toward the	 Reset the screw toward the "-"
	"+" position	position to produce a thinner
	• The limit micro-switch arm is bent away	consistency product
	from the gear motor and prevents	• Using pliers, straighten the limit
	contact	switch arm
	• The level of the product in the bowl is	Add more product or turn the
	too low	refrigeration "Off"
	• The compressor PC board contact don't	Replace the PC board
	open	
The machine is noisy	The fan motor blades are hitting internal	Check and correct
The machine is noisy	components	
The main power switch is	The fuses are blown	Replace the fuses
"ON" but the unit s not	 Some electrical connections are not 	 Check the contacts and correct
running	complete	those incomplete
running	The control board is faulty	 Replace the control board
	 The gear motor is malfunctioning 	 Replace the control board Replace the gear motor
The bowl is leaking		
	One of the bowl seal is not in place	Replace or reposition the seal
The dispensing valve is	• The dispensing valve has been	Reassemble and replace
leaking	incompletely or incorrectly replaced in its	Clean and lubricate the valve
	position	and the valve cylinder with the
	• The free movement of the valve is	lubricant provided with the
	impeded	machine
	Dispensing valve o-rings are damaged	Replace the o-rings
Product is flowing into drip	• The bell shaped seal between the front of	• Find the seal and put it back in
tray through drainage pipe	the cylinder and the auger hub has not	place
	been reinstalled properly	Replace the damaged/worn seal
	• The bell shaped shaft seal or the spindle	and check the condition of the
	bushing seal is damaged or worn	drive shaft
The auger is not turning	Some electrical connections are not	Check the contacts and correct
	complete	those incomplete
	The control board is faulty	 Replace the control board
	The gear motor is malfunctioning	Replace the gear motor
The auger is creating noise	• The bell shaped shaft seal has been	Replace or clean and lubricate
as it rotates	replaced without lubrication or is	with the lubricant provided with
		the machine
	damaged	the machineCheck and correct
	damaged	

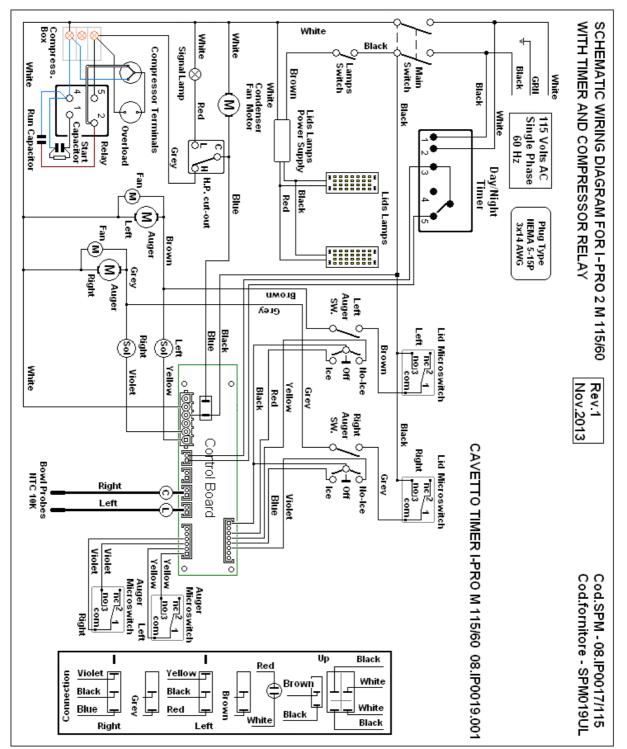
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The CUT OUT light on the right side panel is on	 The filter is dirty and needs to be cleaned The unit is positioned too close to a wall or other object restricting air flow and causing the machine to run at a higher temperature The filter is not properly installed The unit has been installed near a heat source, such as a coffee machine, ice maker or cold beverage machine which expels hot air from its vents, causing the machine to run at a high temperature. 	 Clean and replace filter following instructions Reposition unit to maximize ventilation space (see installation figures) Properly install filter see Reposition unit to maximize ventilation space (see installation figures) 				



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15. WIRING DIAGRAM





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