



FOOD WASTES DISPOSER TF LO , DS LO, DS MD ,TF MD, TF UP,DS UP

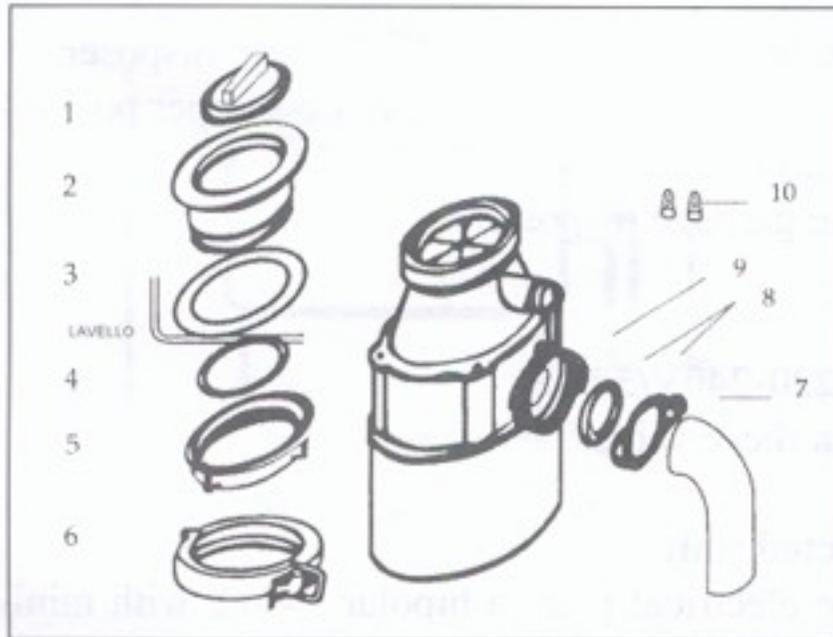
updated may 2007



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Food wastes disposer installation and warranty Manual

FOOD WASTE DISPOSER INSTALLATION INSTRUCTIONS



For specialized installers use only.

The following instructions are for qualified installers to be able to do all the operations in the most correct way according to the electrical and plumbing rules.

Assembly parts

- 1) sink stopper
- 2) sink flange
- 3) flange gasket
- 4) flange washer
- 5) mount ring
- 6) hinged clump
- 7) discharge tube
- 8) tube flange & screw
- 9) tube rubber gasket
- 10) screws

Sink mount flange installation

Loosen the hinged clump to take the garbage disposer flange away. Unscrew the mount ring and take the flange washer away. Put the flange gasket in the discharge sinkhole.

Put the washer gasket in the lower part and fasten the sink flange to the sink through the mount ring and related screws.

Join the garbage disposer to the flange and put the hinged clump in position paying attention to the installation side.

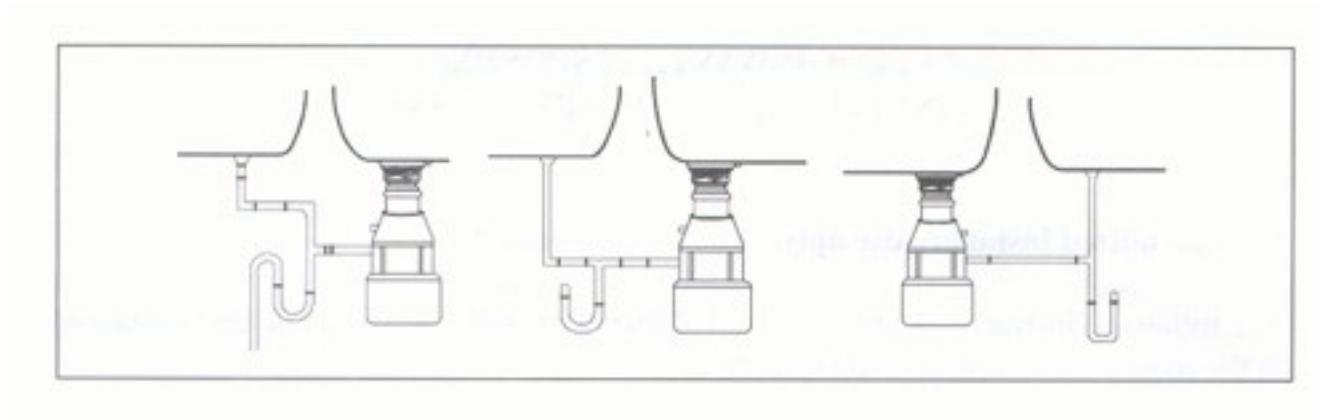
To make the join between the garbage disposer and the flange easier you could put some cooking oil on the border of the guard-splash.

Plumbing Connection

Attach the disposer discharge tube with the tube flange using the given screw.

Connect the garbage disposer discharge tube and tighten it to the drain trap (see fig.1).

To avoid problems, before connecting the plumbs, control the tubes cleaning them if needed.



Dishwasher Connection

It is possible to connect the dishwasher discharge tube with the food waste disposer.
With the help of a screwdriver and a rubber hammer remove the plastic stopper positioned in the inner site of the dishwasher connection.
Fasten the dishwasher discharge tube to the garbage disposer.

Electrical Connection

All the models are made to function with 220-240V/50Hz
Pay attention that the tension is included in these values.

Grounding instructions for cable connected unit

It is better to put between the unit and the electrical plant a bipolar switch with minimum nominal flow of 10A according to the required rules.
The yellow/green cable does not have to be interrupted by the switch.

Before doing the connection, please check:

- that the electrical feeding plant has a good ground connection according to the rules required by the law.

- that the plug and the bipolar switch used in the connection are easily reachable with the installed unit and out of children's reach.
- In the electrical plant there has to be a differential switch with nominal value 10A/0,03A for the protection against indirect contacts (life saver)

WE DECLINE EVERY KIND OF RESPONSABILTY WHEN ACCIDENT-PREVENTION RULES ARE NOT RESPECTED.

waste disposer dimensions (in mm)

Legend:

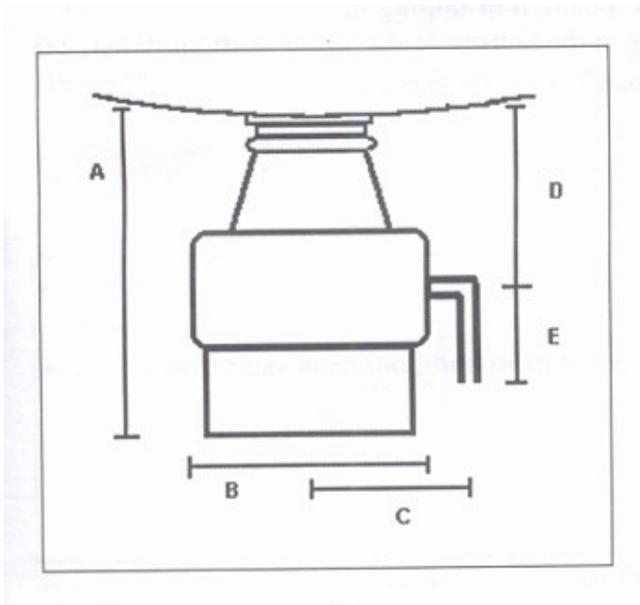
A- Distance from sink bottom to disposer bottom

B- Disposer base width

C- Distance from disposer center to drain pipe center

D- Length from the sink bottom to the drain opening center

E- Length from the drain opening center to the drain pipe



OPERATING INSTRUCTIONS

1. Remove the sink drain stopper.
2. Turn cold water on to a medium-high flow and turn the waste disposer on.
3. Put all food waste into the diaposer while the disposer is operating and water running.
4. Let the disposer continue to run for about half a minute after the grinding is over.
5. Turn the disposer off and leave the water running for half a minute.

CAUTION:

Make sure that the authorities permit the installation of the waste disposer

Use the garbage disposer only for food waste.

Do not use the food waste disposer with hard materials like glass or metal.

Turn the machine off or unplug it while trying to unblock a blocked grinding wheel with a tool.

Use only cold water.

DO NOT put inside:

- Metal, glass, china.
- Lye and drain cleaning chemicals.
- Plastic materials.

SAFETY INSTRUCTIONS

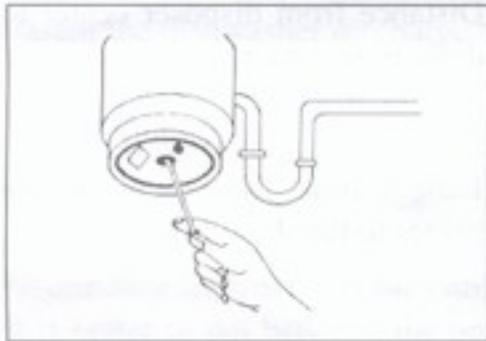


Fig. 2

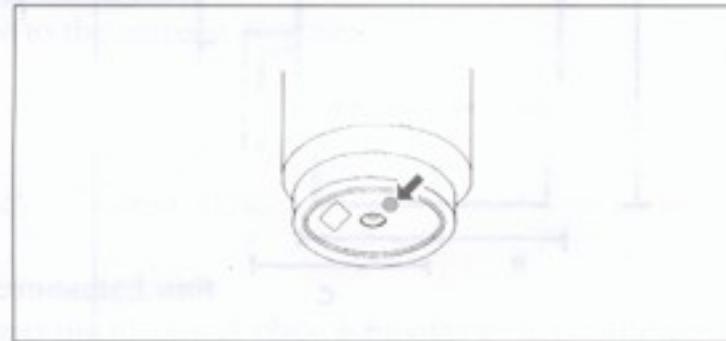


Fig. 3

The waste disposer has an overload protection.

If an object falls into the housing or if there is overload the waste disposer stops automatically. You should operate as follows:

- 1) Put the switch of the plant in the OFF position or unplug it.
- 2) Insert the hex wrench into the opening at the bottom of the motor shaft and rotate the tool and the counter clockwise to unblock the food waste disposer(see fig. 2).
- 3) Remove the object or the overload.
- 4) Wait for 5/10 minutes.
- 5) Push the red reset disposer bottom (see fig. 3) and restart the machine.

DISPOSER MAINTENANCE

With normal usage your disposer should not require any special care.

The motor is permanently lubricated and will not require oiling under normal usage conditions. If used according to the operating instructions above, your disposer should not require cleaning. However should it start to smell grinding a tray of ice cubes in the disposer will clean the grinding components. Grinding a lemon cut into quarters will also give your disposer a fresh, clean smell.

Electrical data

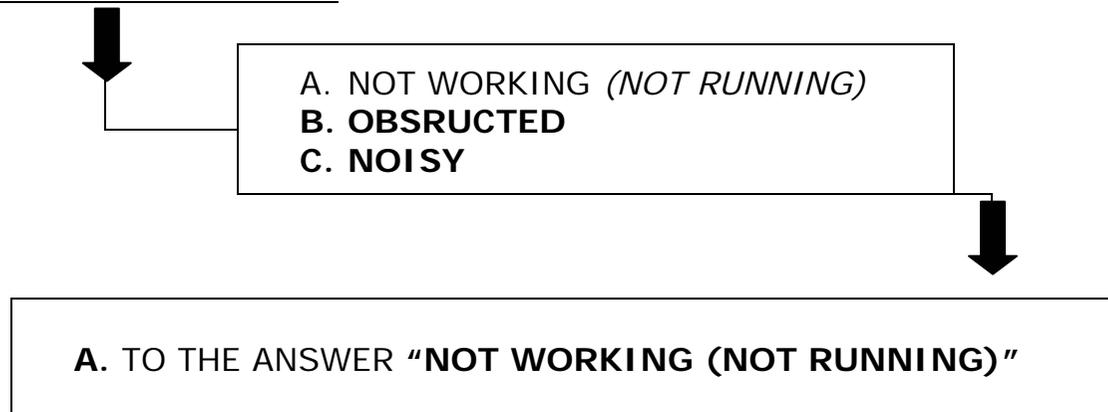
TF LO	TF MD	TF UP
220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
660VA	900VA	1200VA
IP 21	IP 21	IP21

FOOD WASTE DISPOSER

(Checking on-line to identify operating faults and card for solution of problems)

We would like to invite the technician to consider the following cards a simple support or a track in order to obtain information about a probable intervention (causes, effects, urgency, spare parts and tools to be used).

ASK THE KIND OF FAULT



- Verify the thermal protection (Reset)
- Verify the presence of the tension on the line
- Verify the switch
- Verify the cable, the plug and the socket

B. TO THE ANSWER "OBSTRUCTED"

- Verify use modality by the client
- Remove the anti-flow bulkhead
- Use more water (avoid the dry use)
- Avoid the grinding of particularly fibrous foods and in big quantity (artichoke, celery)
- Cleaning of piping

C. TO THE ANSWER "NOISY"

- Verify the accidental insertion and/or falling of foreign matters
- Verify the lubrication

SECTION A

1. VERIFY THERMAL PROTECTION (RESET)

Check that the thermal protection has not tripped.

This switch of red colour has located on the bottom of the machine and it is suitable to the interrupt the current in case that the motor has come to a very high temperature (in case the machine has been left accidentally switched-on) Wait for few minutes to keep the motor cooler, then push the button in the higher position in order to start-up the disposer.

2. VERIFY THE PRESENCE OF THE TENSION ON THE LINE

Check that to the shunt socket the presence of 220V current. Will be enough to insert in the socket another house appliance having the same voltage and verify the running.

3. VERIFY THE SWITCH

Check that the switch or the eventual remote control has not been damaged.
Verify the level of the battery of the remote control, and eventually replace it.

4. VERIFY CABLE –PLUG – SOCKET

Check that the connection phase-neutral, switch, machine has been done correctly .
Warning: Turn off the power before to enter in such part.

5. VERIFY PROBABLE GRIPPING

Check that foreign matters (example: spoon) or a big quantity of material has not gripped the grinding mechanism.
Position the switch located on the system in OFF position or removes the plug from the socket.
Insert the hexagonal key, supplied as outfit, inside the relevant position located centrally on the bottom of the device (Fig. 1) and turn clockwise and counter clockwise in order to release the disposer.
Remove the exceeding material of the foreign matters using a proper tool (example: long beak pliers).
Wait few minutes in order to keep cooler the motor and push the Reset button (Fig. 2) in high position to start the disposer.



Fig. 1

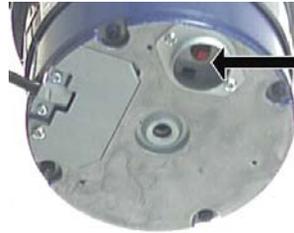


Fig. 2

SECTION B

1. USE MODALITY BY THE CLIENT

Verify with the client the exact operating procedure:

Open the water (max bolt) switch on the machine, push the organic material inside the grinding chamber. At the end of the grinding, flush the water with switched on machine for few seconds, switch off the disposer and close the water.

2. REMOVE ANTI-FLOW BULKHEAD

On different types of 2/3 ways drain traps, there is an inside anti-flow bulkhead to the level of the central coupler. Disassemble the draining-trap with the help of a proper tool, remove this membrane that reducing the useful diameter section might cause obstruction in this point (fig.3)

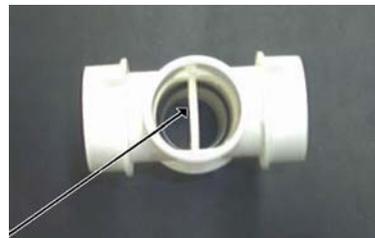
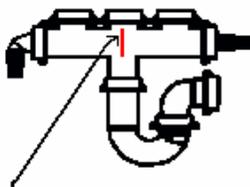


Fig. 3 BULKHEAD TO BE REMOVED

3. USE MORE WATER (AVOID THE DRY USE)

It is very important to do not load the grinding chamber before the water opening and the start up of the disposer. In this case, or in case of using small quantity of water, it will become a mixture of a difficult scavenging or a possible obstruction.

For the disposer, the water is the carrier of the waste; bigger will be the quantity of used water, better will be the result.

4. AVOID THE GRINDING OF PARTICULARLY FRIBROUS FOOD AND IN BIG QUANTITIES (ARTICHOKE AND CELERY)

The disposer has not blades, but is working like a grater. This peculiarity keep the machine reliable on service, but at the same time the missing of blades, keep problematic the discharge of very fibrous food (artichoke, celery, leek etc. in considerable quantity).

In case of the disposer waste pipe obstruction due to the accidental insertion of the above material by the user, check the drain-trap and remove manually the existing fibrous obstruction.

5. CLEANING OF PIPING

Could happen that in not recent houses, the drain pipes of the kitchen are in lead and/or with reduced diameter. In this case, before the installation of the disposer, we suggest to make a preventive cleaning of the first section of the above pipes, using common plumbers' tool in order to remove eventual deposit due to sediment cleaner emulsions and calcareous deposit, which further reduces the useful diameter.

SECTION C

VERIFY THE ACCIDENTAL INSERTION AND/OR FALLING OF FOREIGN MATTERS.

Check the absence of foreign matters to the inside of the grinding chamber (example: screws, can's tongue etc.) . If after a first visual exam, nothing will be visible, remove the disposer from the sink (take out the plug, release the fixing clamp and unloose the drain-trap), now verify carefully the presence of foreign matters.

Grinding particular hard subject, as fruit's stone (peach and apricot) could happen that some small residual will remain restrained on the grinding ring, causing a noisily running, to solve such problem, remove the above residual with the help of a tool, than re-install the disposer.

VERIFY THE LUBRICATION

It happens that a sole grinding of a particular dry waste or of a sole vegetal origin, will not grant the necessary lubrication to the rotating parts inside the grinding chamber, originating in this case a noisily running of the disposer.

To avoid such inconvenient, we suggest, during the running of the machine, to drop inside the grinding chamber a small quantity of alimentary oil.

VARIOUS

The following notes , concerning the disposer, has been originated by our own experience acquired on “the battle ground”:

- *Absolutely do not use any acid or solvent (example caustic soda) for the sink where a disposer has been installed, as the above substances could cause the corrosion of the seals with the high risk of serious damages.*
- *For sinks not in steel, we suggest to use as sealing, between the drain pipe and the sink as well, normal stopper for sanitary wares.*
- *For a periodical cleaning of the disposer, we suggest to grind ice with some lemon clove.*
- *In case You would decide to connect the dishwasher exhaust pipe on the foreseen connection on the disposer, must be removed the plug normally closed, verifying that the above or part of the same, will not remain to the inside of the grinding chamber, causing during the start up a noisily functioning.*
- *Best grinding results, will be obtained by the mixing of the different waste material (vegetable, bread, fruit's stone, paste and different peels)*

Spare parts FOOD WASTES DISPOSER UPDATED MAY2007

SERVICE CODE	DESCRIPTION	POSITION
1940023	RUBBER SEAL FOR STAINLESS STEEL STOPPER SINK	1
1940019	RUBBER SEAL FOR BLACK STOPPER SINK	1
1940022	STAINLESS STEEL STOPPER SINK	2
1940001	BLACK STOPPER SINK	2
1940024	STAINLESS STEEL SINK FLANGE	3
1940002	BLACK SINK FALNGE	3
1940004	FLANGE WASHER	4
1940003	FLANGE GASKET	5
1940005	BLACK MOUNT RING (NYLON+ FIBER GLASS)	6
1940025	MOUNT RING (ZINC ALLOY)	6
1940006	HING CLAMP	7
1940007	GUARD CLAMP	8
1940027	REMOVABLE GUARD SPLASH	8
1940011	RING GASKET TFLO DFLO	14
1940012	RING GASKET TFMD DF MD	14
1940013	EVAPORATOR FIXTURE DF UP TFUP	14
1940008	TUBE RUBBER GASKET AND TUBE SD280 DS MD	16+17
1940026	TUBE RUBBER GASKET AND TUBE SD300 DSUP	16+17
1940009	DISCHARGE TUBE	18
1940010	KEY	19



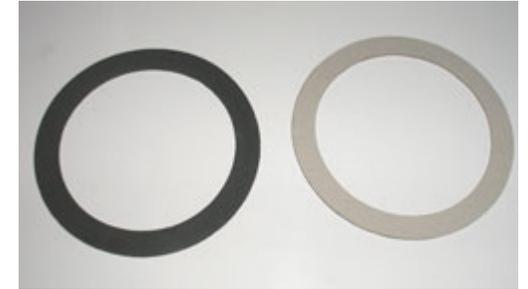
1



2 STAINLESS STEEL



3 STAINLESS STEEL



4-5 FLANGE WASHER – GASKET



6 (ZINC ALLOY)



7



8 REMOVABLE GUARD SPLASH





1940026 DS UP

1940008 DS MD

16+17 1940026 TUBE RUBBER GASKET+ TUBE FOR FOOD WASTE DISPOSER SD300 DS UP

16+17 1940008 TUBE RUBBER GASKET+TUBE FOR FOOD WASTE DISPOSER DS MD

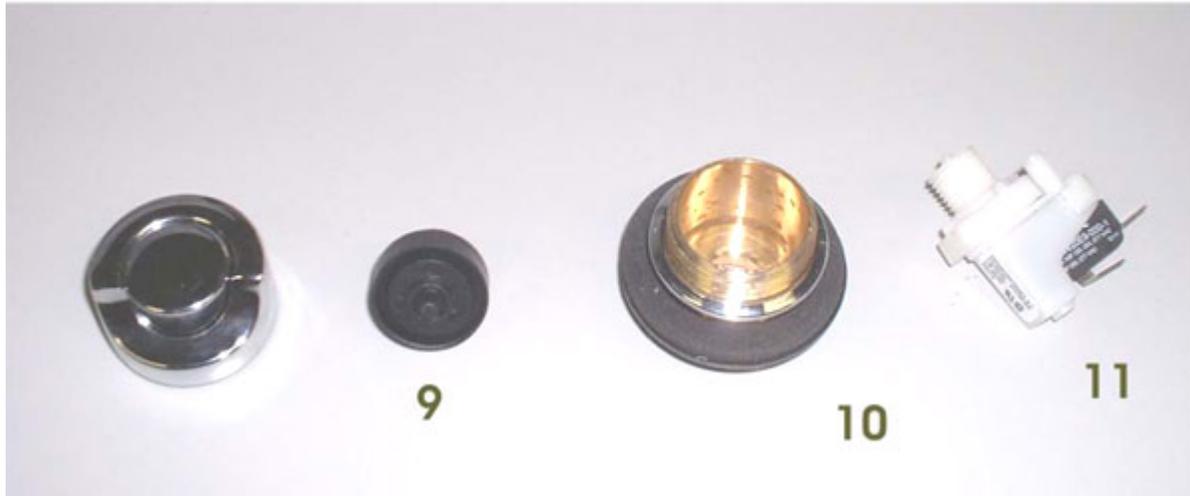


18

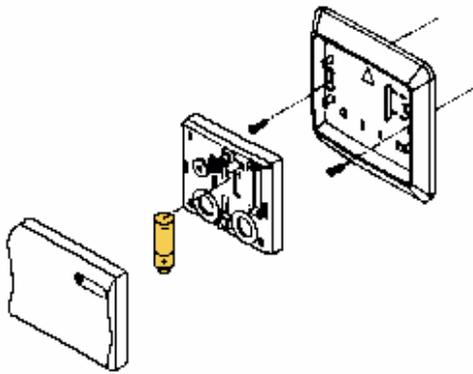


19

0390758 SET PNEUMATIC PUSH BUTTON FOR FOOD WASTE DISPOSER



- POSITION 11 1940014 PRESSURE SWITCH
- POSITION 10 1940015 NUT FIXING PNEUMATIC SET
- POSITION 9 1940016 RUBBER PUSH BUTTON



INSTALLATION:

1. WALL SWITCH

INSERTING THE BATTERY:

Remove the front casing. Fit the 23A 12V battery (not included) into the compartment with battery leads '+' to '+' and '-' to '-' (fig. 1).

By pressing the Wall Switch, the LED will illuminate, implying that the battery has been inserted properly.

INSTALLATION:

To affix the Wall Switch to an existing wall box, simply secure the bottom casing to the wall box using the 2 screw provided. Alternatively, you may use the double-side tape provided to affix it anywhere you desire. After installing, replace the front casing.

2. ON/OFF RECEIVER

Place the receiver into a wall plug (far from water-splash)
Put the disposer's socket into the receiver (fig. 2)

3. WORKING CODES:

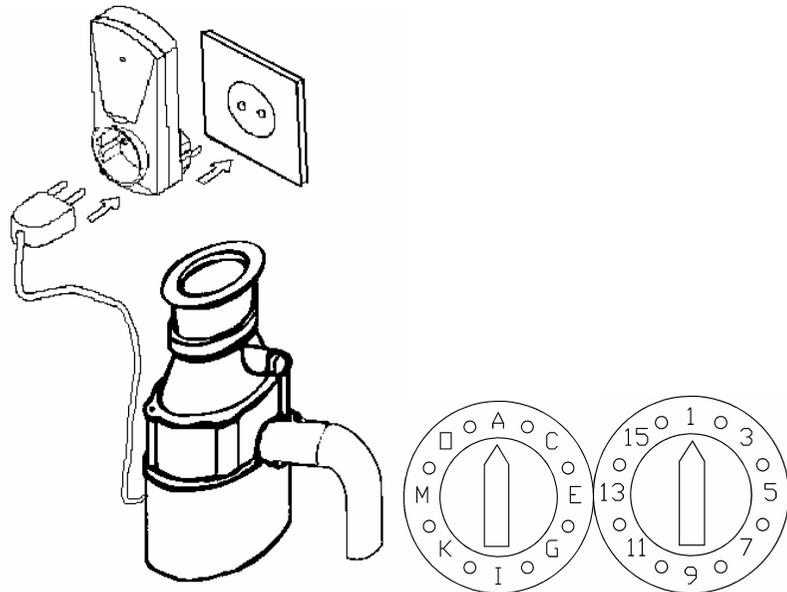
It is possible to change the working code using a screwdriver. Remove the front casing of the transmitter to have access to the codes screws. Regulate the codes

The receiver and the transmitter must have the same double-code (Fig. 3)

4. USE

To turn on the disposer push the upper part of the wall switch (transmitter) and the LED inside it will flash a green light

To turn off the disposer push the lower part of the wall switch (transmitter) and the LED inside it will flash a red light



Voltaggio / Voltage	230V/50Hz
Carico massimo / Max loading	16A (3500W)
Portata / Range	ca 30 mt. (without impediments)
Frequenza / Frequency	433 MHz
Batteria / Battery Type	1 x 23A 12V

PNEUMATIC KIT FOR DISPOSER

INSTRUCTION FOR USE AND INSTALLATION

THE KIT IS COMPOSED AS FOLLOWS:

- A PNEUMATIC SWITCH
- A RUBBER SMALL TUBE
- A BOX CONTAINING A PRESSURE SWITCH

TO START THE DISPOSER PUSH THE PRESSURE SWITCH; AFTER THE USE PUSH AGAIN THE SAME TO STOP THE MACHINE.

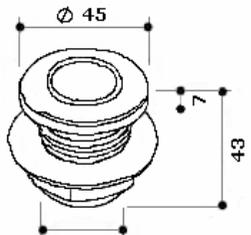
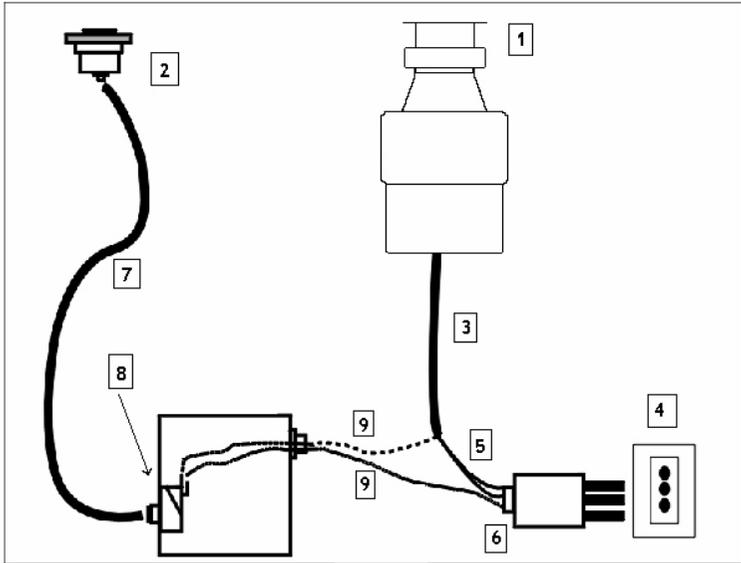
WE RECOMMEND TO OPEN THE WATER TAP FEW SECONDS BEFORE THE START OF THE MACHINE AND KEEP THE ABOVE OPEN FEW SECOND AFTER THE STOP.

BEFORE THE USE OF YOUR PRESSURE SWITCH PLEASE BE SURE THAT:

THE PRESSURE SWITCH HAS ACTING ON THE PHASE OF THE ELECTRIC CURRENT.
CONTRARILY PROVIDE TO INVERT THE POLES OF THE PIN.

INSTALLATION

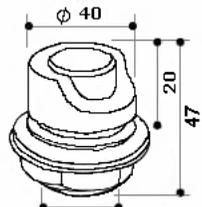
1. FIX THE SWITCH INSIDE THE HOLE OBTAINED BY DRILLING OF THE KITCHEN TOP OF ON THE SINK (Diameter 35mm)



FILETTO 1" GAS

Tipo "B"

Tipo "A"



FILETTO 1" GAS



1940018 RIDUTTORE DA 3" A 2" POLLICI LAVELLO
CERAMICA 40 MM

ADAPTER DRAIN FROM 3" TO 2" CERAMIC SINK 40 MM



1940030 PILETTA 3" ALLUNGATA LAVELLO
MARMO 350 MM

DRAIN 3" EXSTENSION 350 MM



1940031 RIDUZIONE SCARICO 3" A 2"
LAVELLO ACCIAIO
ADAPTER DRAIN FROM 3" TO 2"
STAINLESS STEEL SINK