

INSTALLATION INSTRUCTIONS

Installation Instructions for the Max Waste Disposal Unit

IMPORTANT -FOR DOMESTIC USE ONLY

Before you start to install your Max waste disposal unit please read all of these instructions carefully. Be sure to retain this set of instructions for future reference. Please check with your Water Authority as to any local installation requirements or approvals.

INSTALLATION DIMENSIONS

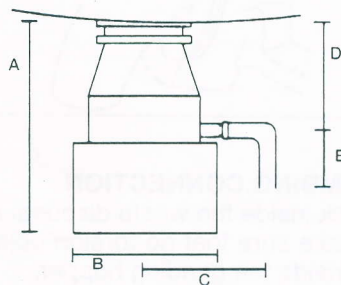
Dimensions and space required for your waste disposal unit are as in **Diagram 1**.

A 295mm **B** 159mm **C** 127mm

D 170mm **E** 114mm

- A** Distance from bottom of sink to bottom of waste disposal unit.
- B** Width of base of waste disposal unit
- C** Distance from centre of waste disposal unit to centre of drain opening
- D** Length from bottom of sink to centre of drain opening
- E** Length from centre of drain opening to bottom of drain pipe

DIAGRAM 1



TOOLS AND MATERIALS REQUIRED FOR INSTALLATION

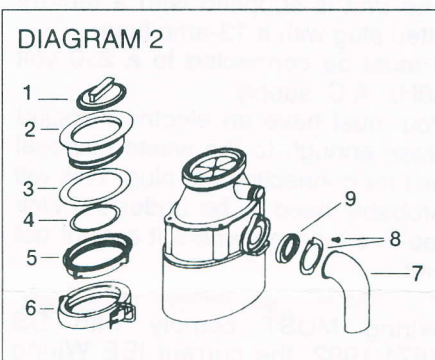
You may need the following tools and additional products when installing your waste disposal unit:

- Pipe wrench or water pump pliers
- Pliers
- Hacksaw
- Rubber mallet
- Waste piping
- 13-amp power socket
- 2.5mm² cable
- Screwdrivers
- Drain cleaner - plumbers snake or auger
- Silicone lubricant

UNPACKING YOUR WASTE DISPOSAL UNIT

Remove the waste disposal unit from the packing carton, being careful not to lose any of the pieces. Inside the carton you should find the following:

Diagram 2



- 1. Sink Drain Stopper
- 2. Sink Flange
- 3. Sink Flange Rubber Gasket
- 4. Sink Flange Fibre Gasket
- 5. Mount Ring
- 6. Hinged Clamp
- 7. Discharge Tube
- 8. Discharge Tube Flange & Screw
- 9. Discharge Tube Rubber Gasket

If any parts are missing contact Max Appliances before beginning installation.

REMOVING AN OLD WASTE DISPOSAL UNIT OR SINK STRAINER AND FITTING THE SINK FLANGE PROVIDED

DISCONNECT ELECTRIC POWER

Make sure your old waste disposal unit is not connected to the mains. Remove the relevant fuse or trip the MCB in your fusebox or consumer unit.

Disconnect the drain where it connects to the old waste disposal unit's discharge tube. **Diagram 3**. Then dismantle the waste disposal

DIAGRAM 3

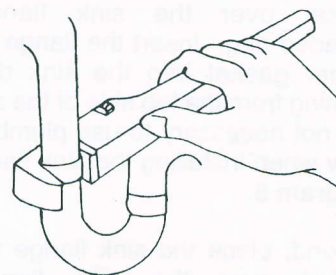
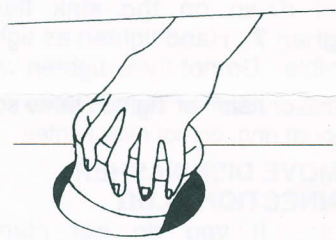


DIAGRAM 4



unit from the sink and remove the sink mounting assembly.

Finally remove the sink flange from the topside of the sink. **Diagram 4**.

IF REMOVING A SINK STRAINER

If your sink is equipped with a sink strainer instead of a waste disposal unit, loosen the nut at the top of the "P" trap and remove the straight section of pipe between the "P" trap and the strainer. Remove the nut or threaded ring holding the strainer in place. **Diagram 5**.

DIAGRAM 5



Then push the strainer up through the drain opening.

If the drain opening on your sink is covered with sealant, use a screwdriver to remove as much of the putty as possible from the rim of the sink drain hole.

Unless you have a new home, be sure that the existing trap and drain lines are clear. If the drain line is not clear, use a plumber's snake or auger to remove all blockages.

INSTALL THE SINK MOUNT FLANGE

First, place the sink flange rubber gasket over the sink flange's threaded ring. Insert the flange and rubber gasket into the sink drain opening from the top side of the sink. It is not necessary to use plumber's putty when installing the sink flange. **Diagram 6.**

Second, place the sink flange fibre gasket over the sink flange's threaded ring. Next attach the mount ring and tighten with one hand while using the other hand to press down on the sink flange. **Diagram 7.** Hand tighten as tight as possible. Do not try to tighten with a wrench or hammer. Tighten three screws in mount ring, do not over tighten.

REMOVE DISHWASHER CONNECTION PLUG

Note: If you do not plan on connecting a dishwasher to your waste disposal unit proceed to the next section.

DIAGRAM 6

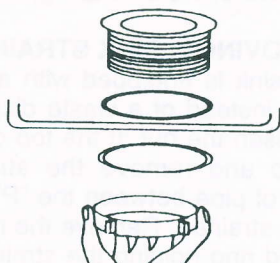


DIAGRAM 7

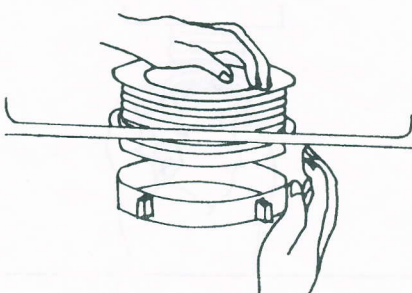
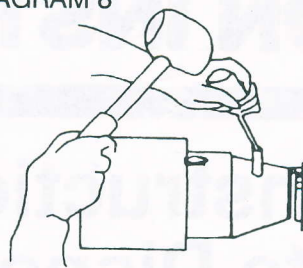


DIAGRAM 8



If you do plan on connecting your dishwasher to your waste disposal unit, remove the plug in the dishwasher drain connection opening with the help of a screwdriver and a rubber mallet. Remove the plastic plug from the inside of the waste disposal unit by holding the waste disposal unit upside down and allowing the plastic plug to fall out. **Diagram 8.**

ELECTRICAL CONNECTIONS

The unit is supplied with a factory fitted plug with a 13-amp fuse. It must be connected to a 230 volt 50Hz A.C. supply. You must have an electrical socket close enough to the waste disposal unit for connecting the plug. This will probably need to be under the sink top in a location where it cannot get wet.

Wiring **MUST** comply with BS 7671:1992, the current IEE Wiring Regulations.

This appliance must be earthed. In the event of a malfunction or breakdown, earthing provides a path of least resistance for electric current to reduce the risk of electric shock. If you are in doubt about electrical work consult a qualified electrician.

Note: Do not operate your waste disposal unit while it is upside down.

MOUNTING THE WASTE DISPOSAL UNIT

Loosen and remove the splash guard clamp.

The rubber splash guard should be attached to the waste disposal unit and not to the sink flange. Using two hands, push the unit upwards so that the inner groove on the splash guard locks onto the sink mount flange. If necessary use salad oil to lubricate the inner rim on the exposed side (top side) of the splash guard. Once engaged, the waste disposal unit will hang freely by itself.

Place the hinged clamp around the splash guard and lock in place.

DIAGRAM 9

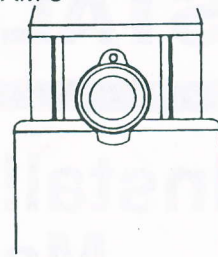


DIAGRAM 10

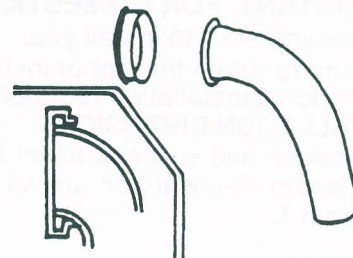


DIAGRAM 11

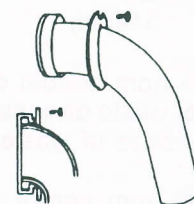
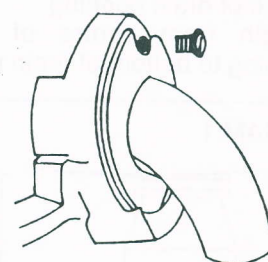


DIAGRAM 12



PLUMBING CONNECTION

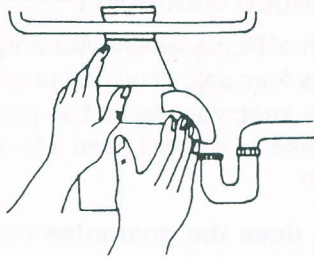
Check inside the waste disposal unit to make sure that no foreign objects are inside the grinding hopper. Rotate the waste disposal unit so that the discharge outlet faces you. **Diagram 9.**

If the rubber gasket has not yet been attached to the discharge tube attach it so that the thin lip is facing away from the unit. **Diagram 10.**

Slide the discharge tube flange onto the discharge tube. **Diagram 11.**

Insert the non-notched end of the discharge tube flange into the slot below the outlet on the unit. Use the screw to tighten the discharge tube against the unit creating a seal. **Diagram 12.**

DIAGRAM 13



Rotate the entire waste disposal unit so that the fitted discharge tube aligns with the waste pipe trap. **Diagram 13.** If the discharge tube is too long use a hacksaw to cut off as much as necessary. If it is too short add a length of waste pipe.

The unit is provided with an outlet bend to which a suitable 'P' or 'S' trap must be fitted. **DO NOT USE A BOTTLE TRAP** as these are not suitable for use with waste disposal units. The waste pipes should not be less than 38 mm diameter and laid with a minimum fall of 5 degrees.

The run should be as short as possible avoiding, sharp bends, tee connections, stopped ends. The waste should not discharge over a gully or drain grating. Where a lengthy, or meandering run of pipe work is unavoidable, it is recommended that the pipe size be increased to 54mm (2") diameter immediately after the trap. It is stressed that most problems, and subsequent blockages, are traced to unsuitable waste pipe runs. **IMPORTANT: The outgoing waste pipework must be below the unit outlet to ensure that it drains completely.** Please refer to the warranty on the reverse page.

Once the discharge tube is the correct length connect to the trap.

Make sure that the clamp holding the waste disposal unit is firmly locked in place.

DIVERSION TEE FOR DOUBLE-BOWL SINKS

Some homes have double sinks utilising a common drain trap. **Diagram 14.** If your sink is of this type use a diversion tee to prevent water from the waste disposal unit flowing into the drain of the adjoining sink. **Diagram 15.**

DISHWASHER CONNECTION

If you plan on connecting your dishwasher to your waste disposal unit you should have already punched the plug out of the dishwasher drain connection tube.

The dishwasher drain outlet on your Max waste disposal unit will accept a 7/8" drain hose. Fasten the connection tube in place with a hose clamp. If the dishwasher's drain hose is of a different size than your waste disposal unit's dishwasher connection tube, purchase a dishwasher connector kit to complete the connection.

CONGRATULATIONS

The installation of your Waste disposal unit is now complete. Plug in the unit and turn your electrical power back on.

Read the following safety instructions before proceeding to the section explaining the proper usage and maintenance of your new waste disposal unit.

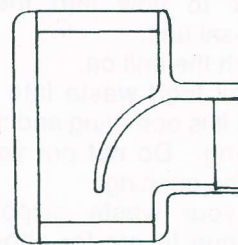
INSTRUCTION RELATING TO A RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric appliances, basic precautions should always be followed, including the following:

1. Read all instructions before using the appliance.
2. To reduce the risk of injury, close supervision is necessary when an appliance is used near children.
3. Do not put fingers or hands into a waste disposal unit.
4. Turn the power switch to the off position before attempting to clear a jam or remove an object from the waste disposal unit.

DIAGRAM 15

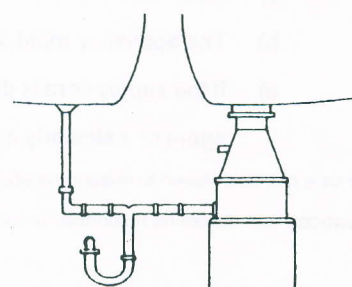
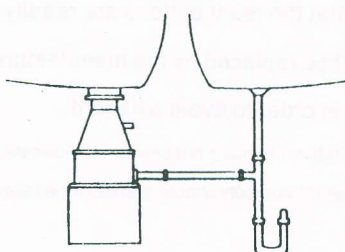
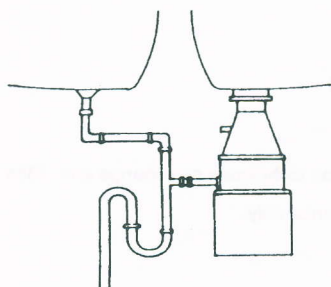


5. When attempting to loosen a jam in a waste disposal unit, use a long wooden object such as a wooden spoon or the wooden handle of a broom or mop. Push in a counter clockwise direction.
6. When attempting to remove objects from a waste disposal unit, use long-handled tongs or pliers.
7. Do not put the following into a waste disposal unit.
 - a. Clam or oyster shells.
 - b. Drain cleaner.
 - c. Glass, china or plastic.
 - d. Large, whole bones.
 - e. Metal, such as bottle caps, tin cans, or aluminium foil.
 - f. Whole corn husks.
8. When installing the waste disposal unit, care must be taken to ensure that the reset button of the overload protection device remains readily accessible.
9. Care must be taken that the power supply is disconnected by switching off the electricity supply or by removing the plug from the socket outlet before freeing a jammed rotor by means of a crank or similar hand-operated mechanical device.
10. When not operating a waste disposal unit, leave the drain cover in place to reduce the risk of objects falling into it.

OPERATING INSTRUCTIONS - SAVE THESE INSTRUCTIONS

1. Remove the sink drain stopper.

DIAGRAM 14



2. Turn on the cold water to a medium-high flow, allowing the water to flow into the waste disposal unit.
3. Switch the unit on.
4. Put all food waste into the unit while it is operating and the water running. Do not put your hand into the opening.
5. Let your waste disposal unit continue to run for about a half minute after the grinding has stopped.
6. Turn off the power.
7. Turn off the water when the impellers have stopped spinning.

CAUTION

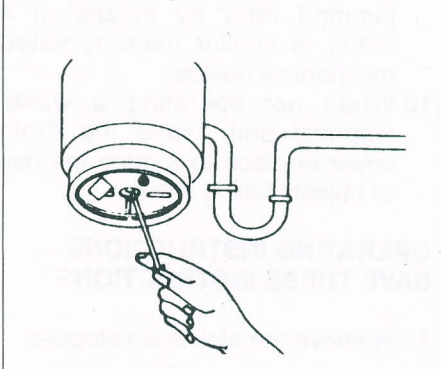
While your Max waste disposal unit will have no problem grinding food waste, some items should never be placed into it. In particular do not attempt to grind the following:

Metal: Silverware, nails, tacks, wire, bread bag ties, staples

Glass: Jars, bottles, pieces of pottery or crockery
Caustic soda or drain cleaning materials
Excessive quantities of fat or grease.

Remember, your Max food waste disposal unit is designed for grinding food waste only. With proper use and care it will provide you with many years of trouble free service.

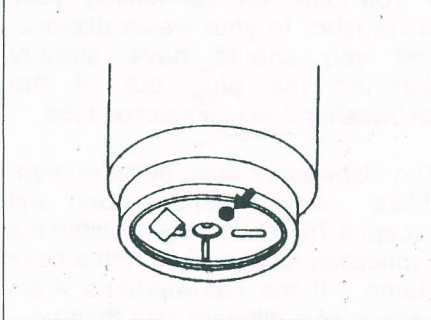
DIAGRAM 16



Remark:

- a) Make sure that the installation of this appliance is allowed by the authorities.
- b) The appliance must be installed so that the reset buttons are readily accessible.
- c) If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

DIAGRAM 17



SAFETY FEATURES

Your waste disposal unit is equipped with an overload protector which prevents it from running should it overload. Overload generally occurs when a foreign object has fallen into the unit and jammed the impellers, thus preventing the motor from turning. Overload may also occur if you have put too much food waste into the unit at one time. If overload occurs, turn off the power and remove the foreign matter or food waste from the unit. Insert a hex wrench or screwdriver into the opening at the bottom of the motor shaft and rotate the tool clockwise and counter clockwise. **Diagram 16.** Wait five to ten minutes, push the red reset button on the bottom of the unit, start running water into the unit and restart the machine. **Diagram 17.**

WASTE DISPOSAL UNIT MAINTENANCE

With normal usage your waste disposal unit 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 unit should not require cleaning. However should it start to smell, contact Max Appliances 01424-751666 for a specialist disposer cleaning agent which will clean the grinding components. Will also aid to cleaning the waste outlet pipes and give your unit a fresh, clean citrus smell.

Max WASTE DISPOSAL UNIT EXTENDED WARRANTY

Length of Replacement Warranty -12 months from date of original purchase. Please keep your receipt as proof of purchase as you will need it to make a claim.

What does the guarantee cover?

For a period of 12 months Max guarantees this food waste disposal unit to be free from any defects in material or manufacture during the warranty period.

In the event of a claim during the one year warranty period a defective waste disposal unit will be replaced by Max for the same or a similar model or a cash refund. Proof of purchase will be required.

This guarantee does not cover:-

1. Normal wear and tear, misuse.
2. Accidental damage.
3. Abuse.
4. Installation faults.
5. Failure to follow usage instructions.
6. Alteration.
7. Non compliance with plumbing bylaws
8. Acts of nature.

TO THE EXTENT COVERED BY LAW, Max SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF WARRANTY, EXPRESS OR IMPLIED.

In the event of installation problems or usage advice our telephone **Helpline is 01424 751666**