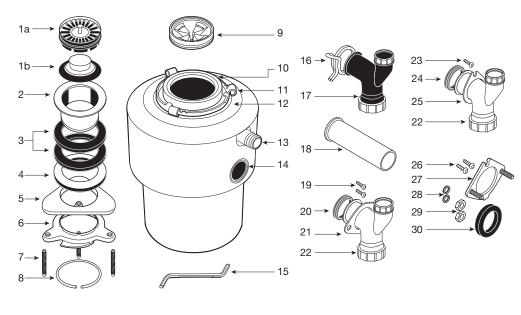


English only (Australia, New Zealand, UK, Hong Kong, and Ireland)



www.insinkerator.co ©2009 InSinkErator, a division of Emerson Electric Co. All Rights Reserved.

230-240V. 50Hz for Australia and New Zealand 220-240V, 50Hz for UK/Hong Kong/Ireland

## FOOD WASTE DISPOSER INSTALLATION, CARE & USE MANUAL

Food waste disposers provide an environmentally responsible alternative to transporting food waste to landfills. And they can help reduce greenhouse gas emissions. At capable wastewater treatment plants, food waste can be converted to biosolids and used as fertilizer. Capable plants can also capture methane gas and recycle it as an energy source. (Check the plant in your area.)

Read through the entire Installation, Care & Use manual before installing the disposer. Determine which of the tools, materials, and accessories you will need before you begin. Make sure you have all necessary disposer parts before installing the disposer NOTE: The Evolution models grind much finer than any other disposer. For this reason you may notice that it takes a little longer to grind some food waste. Due to the Evolution 200 model's microprocessor, users will experience a fractional second delay when starting on all Evolution 200 models. This is completely normal.

NOTE: In Australia, all plumbing and electrical work must be completed by a qualified tradesperson. This product may require approval of the relevant regulator and/or the sewerage system operator. Disposer must be installed to AS/NZS 3500.2 standard requirements. NOTE: Make sure that the installation of this appliance is allowed by the authorities.

TOOLS & MATERIALS YOU WILL NEED:

Slotted Screwdriver, Adjustable Pliers, Safety Glasse

Screws (3)

Model 65)

DISPOSER

11. Lugs

# TOOLS, MATERIALS, AND ACCESSORIES YOU MAY NEED:

Phillips Screwdriver, Drain Auger, 9.5 mm Electrical Clamp, Wire Nuts (2), 38 mm Drain Trap, 33 mm Hole Drill, Hammer, Hacksaw, Water Hose Clamp, Pipe Wrench, Copper Earth Wire, Dishwasher Drain Connection Kit, Electrical On/Off Switch, Drain Tube Extension

# PARTS LIST (May vary depending on model)

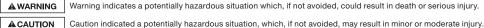
MOUNTING ASSEMBLY **DISCHARGE ASSEMBLY #1** 1a. Strainer Basket and Plug (Evolution models) (Evolution models) 16. Hose Clamp 1b Stopper (Models 65, 55, 45, I C-50) 17 Black Elbow Discharge Tube . Sink Flange (38 mm diameter/Evolution flange Rubber Gaskets (2) 18. Straight Discharge Tube 40.3 mm OD Fiber Gasket (optional) (Australia installation only) 5. Backup Ring **DISCHARGE ASSEMBLY #2** 6. Mounting Ring (Models 65, 55, 45) 19. Bolts (2) 13 mm 1/4-20 UNC 8. Snap Ring 20. Rubber Gasket 21. Metal Flance 9. Sound Baffle (Evolution models, 22. White Elbow Discharge Tube (38 mm diameter/non-Evolution flange) 10. Mounting Gasket/Splash Baffle DISCHARGE ASSEMBLY #3 (LC-50 for household installation) 23. Bolt (1) 19 mm 1/4-20 UNC 12. Lower Mounting Ring 13. Dishwasher Inlet 24. Rubber Gasket 14. Discharge Outlet 25. Metal Flange 15. Wrenchette 22. White Elbow Discharge Tube

DISCHARGE ASSEMBLY #4 (Australia Model LC-50 connected to Caroma Connector not supplied) 26 Bolt (1) 19 mm 1/4-20 UNC 27. Metal Flange (Use to connect to proper Caroma Connector) 28. Metal Washers (2) 29. Nuts (2) 30. Rubber Gasket DISCHARGE ASSEMBLY #5 (Australia Models 65, 55, 45; connected to Caroma Connector not supplied) 26. Bolts (2) 19 mm 1/4-20 UNC 28. Metal Washers (2)

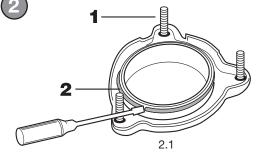
30. Rubber Gasket

(38 mm diameter/non-Evolution flange)

A DANGER Danger indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



	<u>-</u> 4		2		
	1	2	3	4	5
(Evolution) 200-1, -3	34.4 cm	18.5 cm	6.4 cm	23.4 cm	16.8 cm
(Evolution) 200-1, -3 (Evolution) 100-1, -3	34.4 cm 31.2 cm	18.5 cm 17.1 cm	6.4 cm 6.4 cm	23.4 cm 20.5 cm	16.8 cm 16.8 cm
. , .					
(Evolution) 100-1, -3	31.2 cm	17.1 cm	6.4 cm	20.5 cm	16.8 cm
(Evolution) 100-1, -3 Model 65-1B, -3B Model 55-1B,	31.2 cm 31.8 cm	17.1 cm 16.8 cm	6.4 cm 6.4 cm	20.5 cm 18.5 cm	16.8 cm 13.1 cm
(Evolution) 100-1, -3 Model 65-1B, -3B Model 55-1B, -1B A/S, -3B, -3B A/S Model 45-1B,	31.2 cm 31.8 cm 31.8 cm	17.1 cm 16.8 cm 16.8 cm	6.4 cm 6.4 cm 6.4 cm	20.5 cm 18.5 cm 17.3 cm	16.8 cm 13.1 cm 13.1 cm



CHECK INSTALLATION DIMENSIONS

## Disposer Height

- . Distance from bottom of sink bowl to centerline of discharge outlet. (Add 12 mm when stainless steel sink is used.)
- . Distance from centerline of the discharge outlet to end of

discharge tube. 1. Disposer Width

. Distance from disposer vertical centerline to centerline of trap connection

To properly drain and prevent standing water in the disposer, the waste pipe entering the wall must be lower than the disposer discharge outlet

#### BLE NEW DISPOSE ING ASSEMBLY

the food waste disposer

### **A**CAUTION

PERSONAL INJURY learing safety glasses is recommended during the installation of

Turn mounting assembly over (see Figure 2.1) and loosen three

mounting screws (1) until you can access snap ring (2).

. Use screwdriver to pry snap ring off of sink flange. Mounting assembly will now come apart

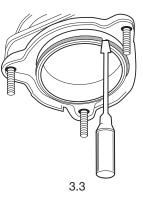
. Set mounting assembly aside. This will be used in Instruction 5.

## IF REPLACING AN EXISTING DISPOSER, **CONTINUE WITH INSTRUCTION 3.**

IF THIS IS A FIRST TIME INSTALLATION. **SKIP AHEAD TO INSTRUCTION 4.** 

3

3.1



## **3** REMOVE EXISTING DISPOSER

## **A**CAUTION

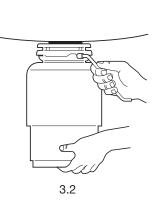
### PERSONAL INJURY To avoid personal injury, do not position your head or body under disposer: the unit could fall during installation

# A DANGER

ELECTRICAL SHOCK • To avoid electrical shock, disconnect power before installing or servicing disposer. Turn off electrical power at fuse box or circuit breaker or if equipped unplug disposer electrical power plug from wall outlet.

Improper connection of equipment earth (grounded) conductor can result in electric shock.

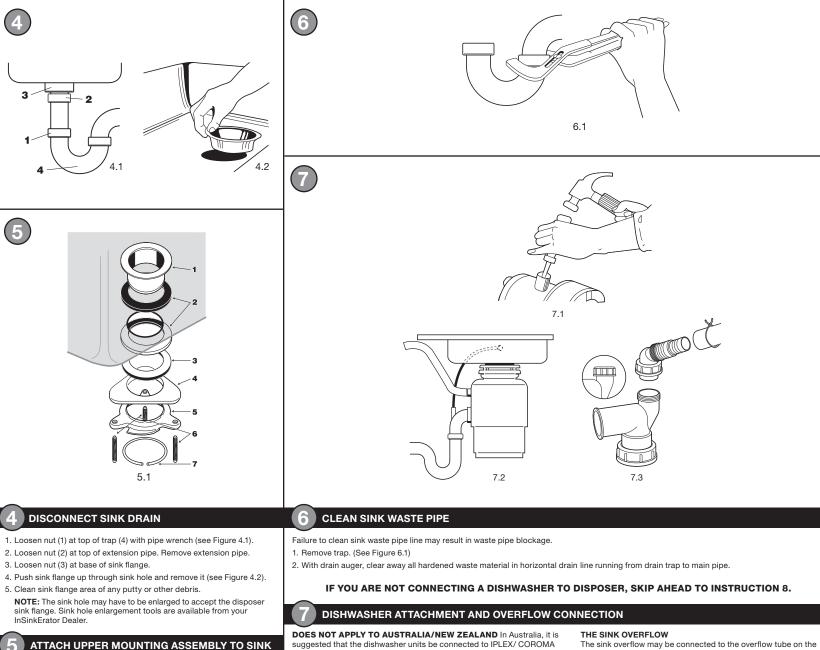
- 5. Push old sink flange up through sink hole (see Figure 3.4). Skip ahead to Instruction 5.





34

- 1. If your disposer is equipped with an electric plug and cord nection, unplug power plug from electrical wall outlet. If your disposer is not equipped with an electrical plug and cord connection, contact an electrician to disconnect the old
- disposer plus install an earth (grounded) electrical wall outlet for the new disposer connection that must be compliant to all local electrical codes
- . Disconnect drain trap from disposer waste discharge tube with adjustable pliers (see Figure 3.1). Also disconnect dishwasher drain connection, if applicable.
- 3. Support disposer with one hand and insert end of wrenchette or screwdriver into right side of one mounting lug on lower mounting ring (see Figure 3.2). Lift disposer slightly and remove from mounting by pushing or pulling wrenchette or screwdriver to left (disposer may be heavy; provide support).
- 4. Loosen three mounting screws, pry snap ring off with screwdriver and remove old mounting assembly (see Figure 3.3). Some mounting assembly removal requires additional tools.



Reference Figure 5.1.

InSinkFrator Dealer

3

(5)

- Place one of two rubber gaskets (2) under sink flange (1). Ensure sink hole area is clear of debris and place sink flange/gasket into sink hole. You may wish to place a weighted object in the sink to hold the sink flange in place. (Place a towel under object to prevent scratching.)
- Working from under the sink, slip second rubber gasket (2), fiber gasket (optional) (3) and metal backup ring (4) (flat side up) over the
- sink flange. 3. Holding second rubber gasket, fiber gasket (optional) and metal
- backup ring in place, slip mounting ring (5) over sink flange so it seats against backup ring.
- 4. With the rubber gasket, fiber gasket (optional), backup ring, and mounting ring tight against sink bottom, slide snap ring (7) onto sink flange until it pops into groove on flange.
- . Tighten three mounting screws (6) up to sink until mounting assembly is seated tightly and evenly against sink.

The sink overflow may be connected to the overflow tube on the tailpipe (see Figure 7.2). Remove the overflow connector cap and blue plastic seal from the end of the overflow tube (see Figure 7.3). Utilizing the nut, connect the overflow hose to the tailpipe.

NOTE: The straight discharge tube for use in Australia does not have an overflow connection tube. In the UK, waste trap kit, which does not include the sink overflow kit, is available from your local InSinkErator dealer

## (installation continued on reverse)

InSinkErator Division Suite 6, Building 6 Hatters Lane, Croxley Green Business Park Sales Tel: 61 03 9720 5599 Watford HERTS WD18 8YH United Kinadom Sales Tel: (0) 1 923 297 880 Service Tel: (0) 800 389 3715 www.insinkerator.co.uk

dishwasher spigot for maximum efficiency.

tip rests on outer edge of knockout plug.

. Remove loose knockout plug from inside disposer.

knockout plug cannot be replaced.

REMOVE KNOCKOUT PLUG

loose (see Figure 7.1).

plumbing codes.)

Wastewater from a dishwasher can be plumbed into the disposer

through the inlet access on the upper part of the disposer. There is a

NOTE: If the dishwasher connection is made without removing the plug,

. Lav disposer on its side and insert screwdriver into dishwasher inlet so

. Tap end of screwdriver handle with hammer until molded plug breaks

plug on the inside of the inlet tube on all models. Once removed, the

the dishwasher may overflow. (Connections must comply with local

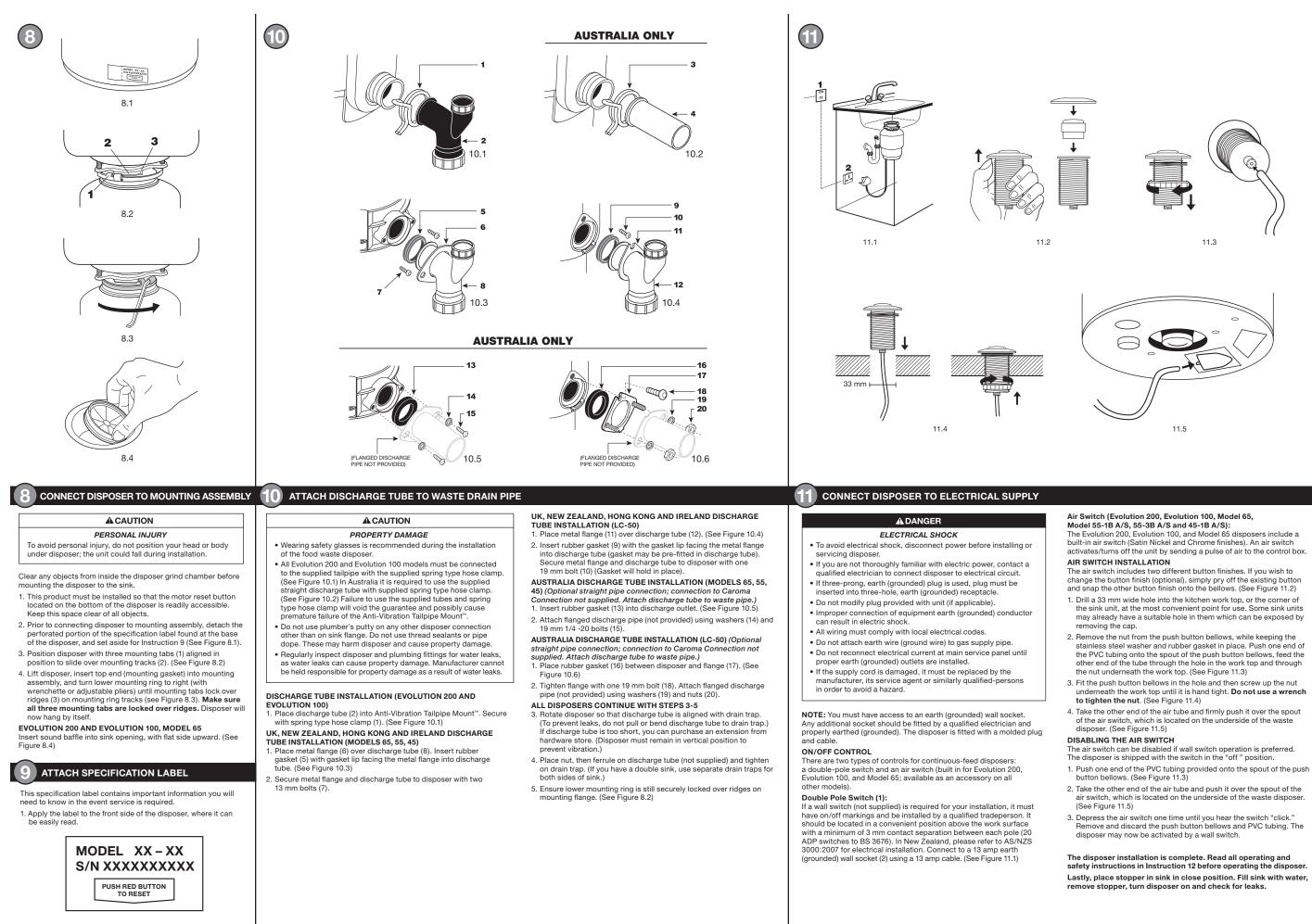
InSinkErator Division 471 Mountain Highway Bayswater Vic 3153, Australia P.O. Box 21-102 Service Tel: 1 300 136 205 www.insinkerator.com.au

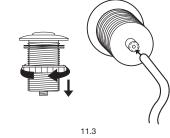
Parex Industries Ltd. 5 Tolich Place, Henderso Auckland, New Zealand 0610 Sales Tel: 64 9 836 6566 Service Tel: 0800 200 510 www.parex.co.nz

InSinkErator Division Emerson Electric Co. 4700 21st Street Racine, WI 53406-5093 USA Sales/Service Tel-262-554-3652 www.insinkerator.com/ worldmap.html

KAL Group 4078 Kingswood Road, Citywest Business Park Dublin, Ireland Tel: 01 413 648 01 413 6400 Fax: 01 413 6464 Email: info@kal.ie

Evolution 100: Australia Pat. No. 307603, 307769, 308385, and other foreign patents pending Evolution 200; Australia Pat. No. 307601, 307769, 308695, 308385, and other foreign patents pending

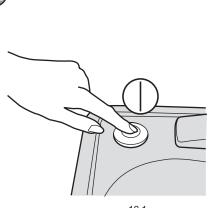




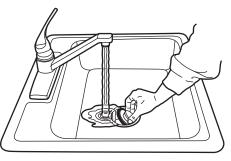
- the sink unit, at the most convenient point for use. Some sink units may already have a suitable hole in them which can be exposed by
- stainless steel washer and rubber gasket in place. Push one end of the PVC tubing onto the spout of the push button bellows, feed the other end of the tube through the hole in the work top and through

underneath the work top until it is hand tight. Do not use a wrench

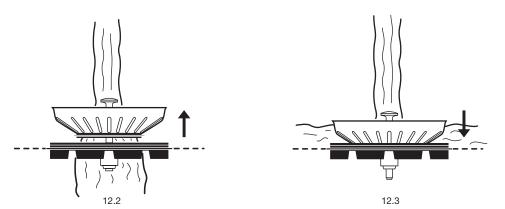
- air switch, which is located on the underside of the waste dispose
- Remove and discard the push button bellows and PVC tubing. The

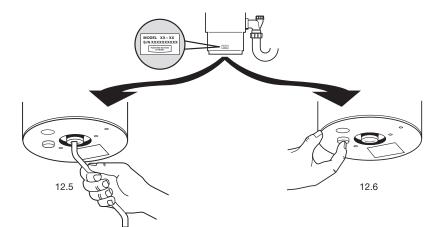






12.4





# 2 INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS (SAVE THESE INSTRUCTIONS)

# **A**WARNING

- When using electronic appliances, basic precautions are always to be followed, including:
- In Australia, product may require approval of the relevant regulator and/or the sewerage system operate
- If the air switch or wall switch fails to shut off or turn on disposer, unplug power cord plug and contact your qualified trade person This product is designed to dispose of normal household food
- waste; inserting materials other than food waste into disposer could cause personal injury and/or property damage. To reduce the risk of injury, do not use the sink containing the disposer for purposes other than food preparation (such as baby bathing or washing hair).
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities. or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a persor responsible for their safety. Children should be supervised to ensure that they do not play with disposer. To reduce the risk of injury, close supervision is required when an appliance is used near children.
- When attempting to loosen a jam in the food waste disposer, switch off or unplug the appliance before attempting to free a jammed rotor. Use a self service wrenchette as described in the Releasing Disposer Jam section.
- Use long-handled tongs or pliers to remove objects from disposer. To reduce the risk of injury by materials that are expellable by a waste disposer, do not operate Evolution disposers without the sound baffle in place (See Figure 8.4). Place stopper in sink opening as shown in Figure 12.2 or 12.4. Do not put the following into a disposer: clam or oyster shells, caustic drain cleaners or similar products, glass, china. or plastic, large (whole) bones, metal (such as bottle caps,
- steel shot, tin cans, or utensils), hot grease or other hot liquids. Replace sound baffle/mounting gasket/splash baffle when worn to help prevent entry or ejection of material and water.
- When not using disposer, leave stopper in place to reduce risk of objects falling into disposer. Make sure disposer power switch is turned off.
- Before pressing reset button, attempting to clear jam, or removing objects from inside disposer, make sure disposer power switch is turned off.
- Do not insert hands or fingers into disposer.
- FIRE HAZARD: Do not store flammable items such as rags, paper. or aerosol cans near disposer. Do not store or use gasoline or other flammable vapors and liquids in vicinity of disposer
- Do not dispose of the following in the disposer: paints, solvents, household cleaners and chemicals, automotive fluids, plastic wrap.

- OPERATING INSTRUCTIONS (EVOLUTION 200 AND EVOLUTION 100)
- . Remove strainer basket and plug from sink opening and run cold water 2. Turn on wall switch or press air switch (see Figure 12.1) to
- start disposer 3. Slowly insert food waste into disposer and position strainer basket
- and plug in upright position (allowing water to run through) to minimize noise and possible election of material while grinding (See Figure 12.2).
- After grinding is complete, turn disposer off and run water for at least 15 seconds to flush drain line.
- 5. Strainer basket and plug also acts as a stopper in the lower position. (See Figure 12.3)

#### OPERATING INSTRUCTIONS (MODELS 65, 55, 45, LC-50) 1. Remove stopper from sink opening and run cold water.

- 2. Turn on wall switch or press air switch (see Figure 12.1) to start disposer.
- 3. Slowly insert food waste into disposer and position stopper to minimize noise and possible ejection of material while grinding. (See Figure 12.4)
- 4. After grinding is complete, turn disposer off and run water for at least 15 seconds to flush drain line.
- Grind food waste with minimum cold water flow of 5.7 liters per minute (1-1/2 G.P.M.).
- · Grind hard material such as small bones and fruit pits to clean inside of grind chamber.
- · Grind citrus, melon rinds, vegetables, and coffee grounds.
- After grinding, run water for at least 15 seconds to flush drain line.
- Switch off or unplug the appliance before attempting to free a jammed rotor with an implement.
- Maintain the area underneath the disposer of any objects to be sure you have access to the disposer reset button.
- Don't use hot water when grinding food waste (although hot water can be drained into disposer between grinding periods).
- Don't turn off water or disposer until grinding is completed and only
- sound of motor and water running is heard. • Don't grind large amounts of egg shells or fibrous materials like corn husks, artichokes, etc., to avoid possible pipe blockage
- Don't grind non-food waste of any kind.
- Don't use this appliance to dispose of hard materials such as glass and metal.
- · Don't ever pour fats, oils or grease down the sink it will block your drains and the sewerage system.

- Don't fill disposer with a lot of vegetable peels all at once. Instead, turr the water and disposer on first and then feed the peels in gradually
- Don't waste food. Nearly a quarter of the food we buy is thrown away untouched: salad, bread and cakes and fruit head the list. Three tips to stop waste and save you money; only buy, or cook. the portions you need for the meal; check the fridge and cupboard for food you haven't eaten-make it your next snack or freeze it: and make sure you leave that food off your next shopping list! CLEANING DISPOSER

Over time, grease/food particles may accumulate in the grind chamber and baffle, causing an unpleasant odor. To clean the disposer:

- 1. Turn off disposer and disconnect power supply.
- 2. Reach through sink opening and clean underside of splash baffle and inside upper lip of grind chamber with scouring pad.
- 3. Place stopper in sink opening and fill sink halfway with warm water.
- 4. Mix 60 ml baking soda with water. Turn disposer on and remove stopper from sink at same time to wash away loose particles.

### RELEASING DISPOSER JAM

If the motor stops while the disposer is operating, the disposer may be jammed. To release jam:

- 1. Turn disposer power and water off.
- 2. Insert one end of the self-service wrenchette into the center hole on the bottom of the disposer (see Figure 12.5). Work the wrenchette back and forth until it turns one full revolution Remove wrenchette.
- 3. Reach into the disposer with tongs and remove object(s). Allow the disposer motor to cool for 3 - 5 minutes and lightly push red reset button on the disposer bottom (see Figure 12.6). (If the motor remains inoperative, check the service panel for tripped circuit breakers or blown fuses.)

# IN-HOME FULL SERVICE GUARANTEE

InSinkErator products are guaranteed against defects in material and workmanship for the period of the guarantee from the date of purchase

workinaliship for the period of the	guarantee nonn the date of purchas
Evolution 200: 6 years	Evolution 100: 5 years
Model 65: 4 years	Model 55: 3 years
Model 45: 2 years	LC-50: 1 year
SERVICE	

If service is required, contact an InSinkErator Authorized Service Center (see enclosed list) or your dealer. Guarantees are void if you remove your disposer after installation and attempt to repair it, or if the disposer is used for commercial purposes.