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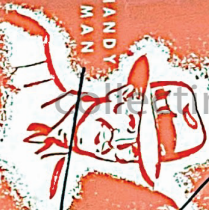
PAINTER

DEMOTER



**GUARANTEE AND  
INSTRUCTION BOOK**

*Model 516* **KIRBY HOME SANITATION SYSTEM**



CLEANING WOMAN

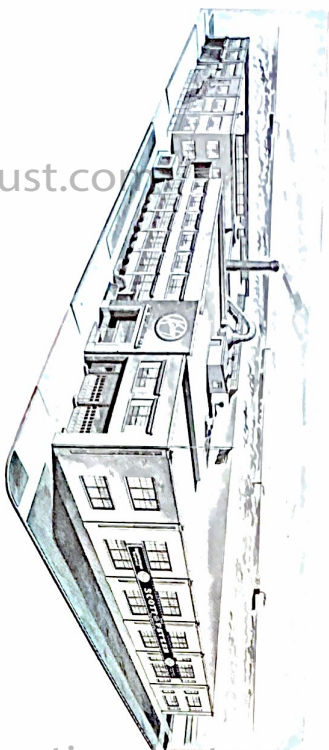
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HOME OF

*Sanitation*



This modern plant covers a city block and is devoted exclusively to the design, manufacture and handling of Kirby Home Sanitation Systems.

# *Contents*

This book is dedicated to you, the owner of the wonderful new Kirby, and it is designed to promote your complete enjoyment of the Kirby Home Sanitation System. Study the pages carefully and you will learn how your Kirby can truly be a dependable household friend.

**YOUR KIRBY**

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*You have the finest...*

**NO OTHER UNIT CAN COMPARE**

**WITH THE**



**IT IS WITH** pride that we of The Scott & Fetzer Company welcome you into the ever-growing family of owners of the exclusive Kirby Home Sanitation System. The more you use it - the more you will realize that your Kirby is the finest household assistant ever developed for the American housewife. It is actually a maid, a cleaning woman, a handyman, a De-moher, and a painter all in one! For years, the Kirby Home Sanitation System has been first and foremost in its ability to remove efficiently the dust and dirt from the home and its furnishings. Now, new units, such as the Handi-Butler, Power Polisher, and Suds-O-Gun, extend the range of the Kirby's usefulness into household maintenance. In this booklet we have attempted to show you most of the applications for your Kirby but you will find that as you use the Kirby, a multitude of other uses will become apparent to you.

Keep this booklet handy. Read and review it often, for by knowing your Kirby completely you will not only realize full value from your purchase but you will also begin to appreciate that the Kirby is truly a marvelous invention.





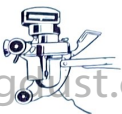
**YOUR**

**IS ACTUALLY**

**DIFFERENT MACHINES TO SOLVE ALL OF THE CLEANING PROBLEMS IN YOUR HOME**

1

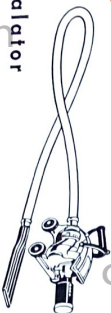
### Handi-Butler



With this wonderful Kirby unit and its various tools you can sand, polish, buff, and grind . . . perform a multitude of operations in home maintenance. Its portability enables you to take the tool to the job, thus making it easier and more convenient to do the work.

See Page 6.

2



### Crystalator

This demisting unit will save you both worry and money by enabling you to protect all areas of your home which are subjected to attack by moths, carpet beetles, and other household insect pests.

See Page 7.

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### Spray Gun and Suds-O-Gun

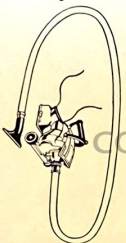


This handy dual-purpose unit makes it possible for you to do difficult painting operations right in your own home. By quick conversion to the Suds-O-Gun you can generate volumes of wonderful, dry suds for the shampooing of carpets, upholstered furniture, or tapestries.

See Page 8.

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### Floor Portable or Tank-Type Unit



This special Kirby unit is actually a tank-type vacuum cleaner and with its many wands and tools enables you to clean hard-to-reach areas of your home thoroughly and efficiently.

See Page 9.

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### Hand Portable



A full-powered hand portable unit which has been designed to do a superior job of cleaning deep cushions and carpeted stair treads. It is unexcelled as a portable mattress cleaner.

See Page 10.

6

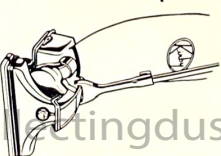
### Rug Cleaner

The Kirby upright cleaner deep-cleans all types of rugs and carpeting safely and thoroughly.

See Page 11.

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### Electric Floor Duster



With this exclusive Kirby unit, it is possible to loosen and completely remove dirt and grime from hard surface floors such as linoleum, tile, or hardwood.

See Page 12.

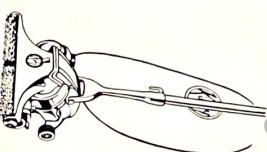
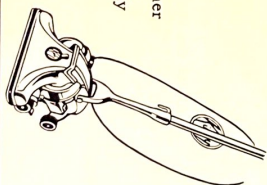
8

### Power Polisher

The ideal unit for polishing waxed linoleum, tile, or hardwood floors.

See Page 13.

5



What your  
 does:

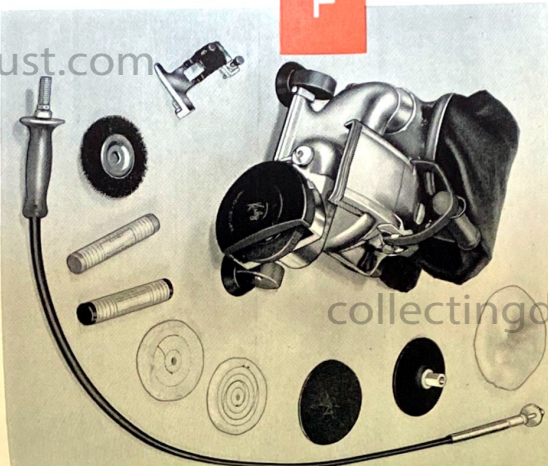
## IT'S A POWER TOOL

This wonderful Kirby unit is a versatile power tool for the housewife as well as the man of the house. Its portability permits its use on the basement workbench, on the kitchen table, or wherever the job presents itself. The grinding wheel can be used for numerous grinding operations around the house or garage, and with the "Handi-Sharpener" attachment, it can be used to sharpen knives, plane blades, chisels, and garden tools.

The wire brush attachment cleans dirt, rust and scale from pans, stove parts, tools and sporting equipment. It is also an excellent tool for removing paint and varnish from metal parts.

The lambswool polishing pad, when mounted on the rubber disc, is ideal for polishing waxed surfaces of all descriptions. The rubber disc is also for use with the sanding discs.

The flannel buffing wheel used with the No. 2 light-colored polishing compound is wonderful for cleaning and polishing precious metals such as gold and silver. The sheeting buffing wheel used with the No. 1 polishing compound is perfect for cleaning and polishing household metals such as brass, aluminum, chrome, copper, etc. Simply apply a small amount of the polishing compound to the edge of the buffing wheel when it is rotating.



All of the above tools can be made even more versatile and portable through the use of the Kirby Flexible Shaft and the Kirby Shoulder Strap which are explained on Pages 20 & 27.

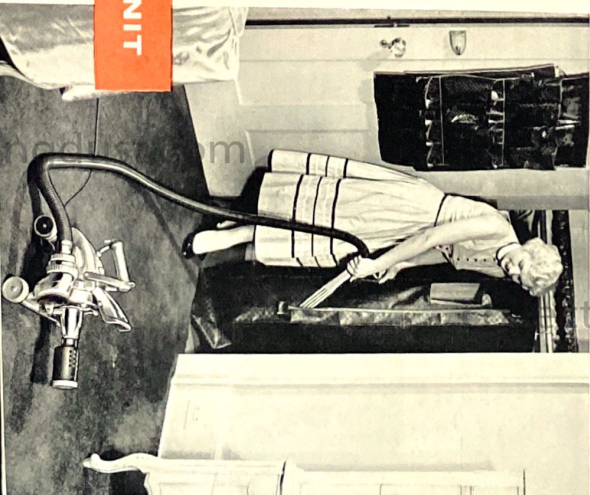
## Crystalator

The Kirby Crystalator brings right to your home a complete demothing unit which enables you to demoth a closet filled with clothes without the necessity of removing the clothes.

Through the use of the Kirby Flexible Hose and the various wands, you can direct the flow of gas or crystals into the hard-to-get-at corners of your room where moths are apt to breed. These accessories can even be used to de-moth a carpet while it is lying on the floor in your room. Simply direct the flow of gas and crystal laden air under your carpet with the hose and crevice tool.

FOR OPERATION INSTRUCTIONS SEE PAGES 30 & 31.

## IT'S A DE-MOTHING UNIT



## IT'S A SPRAY GUN

With the Kirby Spray Gun, you can spray a wide range of liquids. Paints and lacquers can be sprayed after thinning as instructed on the can. You will find that the Spray Gun is particularly effective for painting such pesky surfaces as basement walls and wicker porch furniture, which simply cannot be painted easily with a brush. Your Spray Gun may also be used to spray garden insecticides, liquid floor waxes, and water for the soaking and removal of wallpaper.

FOR OPERATION INSTRUCTIONS SEE PAGE 32.



## IT'S A FLOOR PORTABLE OR TANK-TYPE CLEANER

The Kirby Home Sanitation System enables the homemaker to have the advantages of an efficient, upright cleaner for vacuuming rugs and carpets and still be able to easily convert that machine to an efficient tank-type cleaner which is ideal for light-dusting and cleaning around the home.

Various combinations of the wands and tools enable you to easily clean hard-to-reach areas of the room as the Kirby power unit follows along on four smooth-rolling wheels.

FOR OPERATION INSTRUCTIONS SEE PAGE 29.

## IT'S A SUDS-O-GUN

A simple conversion of the Kirby Spray Gun enables you to generate volumes of extra-dry suds for the safe and efficient shampooing of rugs, tapestries, and upholstered furniture.

With this unit in your home, it is possible for you to save yourself considerable expense and inconvenience by doing this cleaning operation quickly and easily in your own home. You need never sacrifice the use of your carpets or furniture for more than a couple of hours.

FOR OPERATION INSTRUCTIONS SEE PAGE 32.



## IT'S A SHOULDER PORTABLE

By the addition of a shoulder strap, the Kirby floor portable is quickly converted to a shoulder portable unit which makes it possible for you to clean such objects as basement or attic rafters and keep both hands free even though working from a ladder.

FOR OPERATION INSTRUCTIONS SEE PAGE 29.



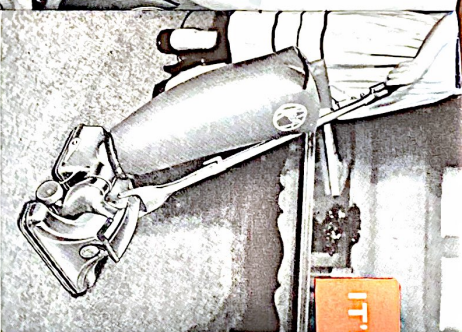
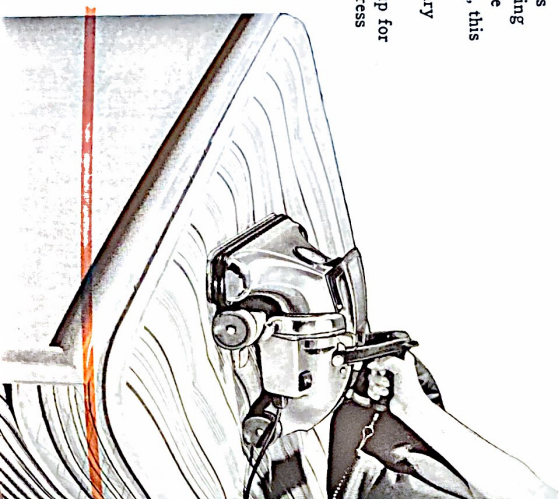
## IT'S A HAND PORTABLE

The Kirby can be converted quickly and easily into a full-powered hand portable unit. Because it is full-powered, it is capable of doing a truly outstanding job on your deep cushions and stair treads. Because of its tremendous power and exceptional portability, this unit also enables you to clean your mattresses thoroughly right on your bed. It is no longer necessary to undergo the extremely difficult task of carrying your mattresses outside for airing, or to give them up for a considerable period of time for professional mattress renovation. You can clean them yourself easily and be fully confident that you have a clean, wholesome mattress on which to sleep.

FOR OPERATION INSTRUCTIONS SEE PAGE 28.



## Mattress Cleaner



## IT'S AN UPRIGHT CLEANER

### RUG CLEANER

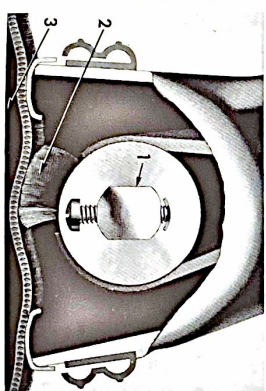
The Kirby upright rug cleaner is undoubtedly the most efficient and versatile machine of its kind available. It will clean all types of floor coverings thoroughly because it is easily and positively adjusted to the particular job.

To remove all of the dirt, grit and lint from your floor coverings, it is necessary not only to sweep the surface but also to loosen the deep-down sand and dirt which is locked into the base of the rug fibers. To remove this dirt safely, our engineers developed Kirby's "TRIPLE-CUSHIONED VIBRATION" rug cleaning action.

Here is how it works: First, a plastic cap on each end of the brush roll cushions the brush roll mechanism. Second, long resilient bristles in the revolving brush bend to cushion the sweeping and vibrating action. Third, the rug is lifted from the floor and held firmly against the stainless steel Rug Guard by the strong suction. This enables the brush to vibrate the rug while it is supported on a cushion of air and thereby loosen all the embedded dirt.

In the case of felt floor coverings, such as carpet pads and some types of cotton carpets, use only suction and not the revolving brush. You do this with your Kirby simply by turning the Belt Lifter to the "OFF" position (see page 17). With the belt "OFF", the brush will not revolve.

FOR OPERATION INSTRUCTIONS SEE PAGES 22 & 23



*Triple-Cushioned Vibration*

## IT'S AN ELECTRIC FLOOR DUSTER

Simply by attaching the Floor Duster Belt Lifter to the "OFF" position (see page 17) you have an effective means of cleaning hard surfaced floors. The felt pads loosen the dirt and buff the waxed surface while the strong suction removes the dirt from the floor and deposits it in the bag and Sani Em-Tor.

FOR OPERATION INSTRUCTIONS SEE PAGE 26.



### Sani Em-Tor

This is the exclusive Kirby feature which makes it easy for you to empty the bag right in your living room without any muss or fuss.

FOR OPERATION INSTRUCTIONS SEE PAGES 23 & 25.

### Air Refresher

While vacuuming you can also eliminate unpleasant odors from your home. Simply add a few drops of Sweet-Aire to your Air Refresher and the room will be filled with a pleasant, odor-killing pine scent.

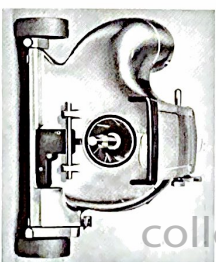
FOR OPERATION INSTRUCTIONS SEE PAGE 26.

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## Plus Features

### Safety Switch

This is your protection against possible injury. As long as the fan blades are exposed, the safety switch disconnects the motor so that it will not run. Either the Handi-Butler, Floor Nozzle, Power Polisher or Suction Coupler must be attached before the motor will run.



FOR OPERATION INSTRUCTIONS SEE PAGE 33.

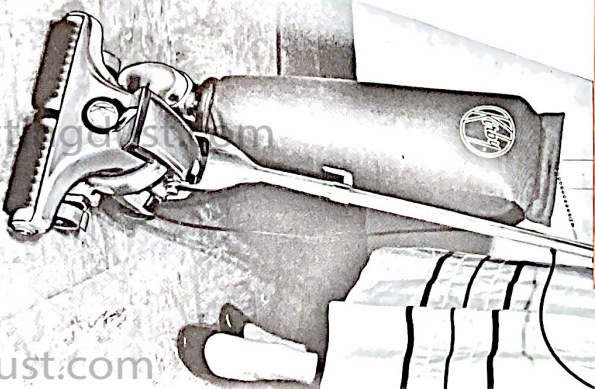
## IT'S A POWER POLISHER

This is your floor polishing unit. It is even more efficient and effective than special machines purchased for that purpose. When needed, it can be quickly attached to your Kirby Motor Unit and used to polish any hard surfaced floor after wax has been applied. The high speed cylinder brush quickly gives you a bright finish without streaks. Its exclusive design enables you to polish right up to your baseboards and deep into corners without marring woodwork.

### Swiveled Cord Hook

The cord can be released for use easily by turning the top cord hook in either direction.

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How to use your

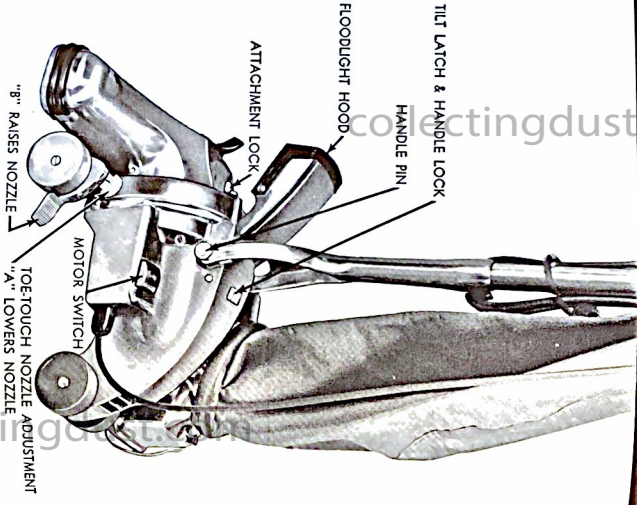


KNOW YOUR KIRBY PARTS

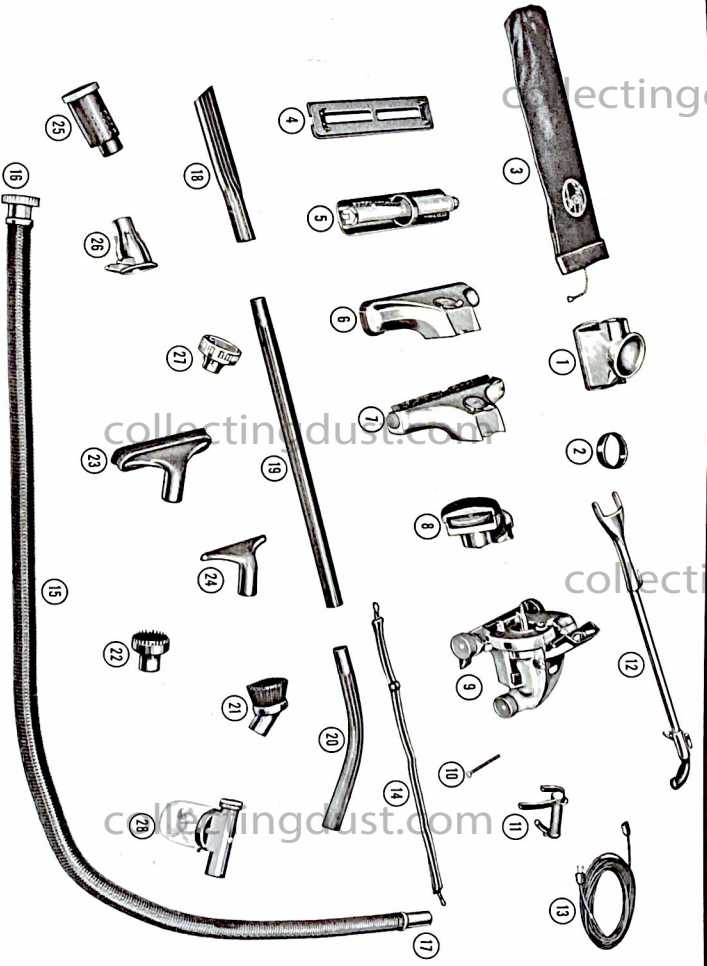
- 1. SANI EM-TOR
- 2. BAG GUARD
- 3. BAG
- 4. FLOOR DUSTER PAD
- 5. BRUSH ROLL & RUG GUARD ASSEMBLY
- 6. RUG NOZZLE
- 7. POWER POLISHER
- 8. HANDI-BUTLER
- 9. MOTOR UNIT
- 10. HANDLE PIN
- 11. PORTABLE HANDLE
- 12. LONG HANDLE
- 13. CORD
- 14. SHOULDER STRAP
- 15. FLEXIBLE HOSE
- 16. HOSE LOCKING NUT
- 17. SWIVELED COUPLER TUBE
- 18. CREVICE TOOL
- 19. STRAIGHT EXTENSION TUBE
- 20. CURVED EXTENSION TUBE
- 21. DUSTER BRUSH
- 22. MASSAGE CUP
- 23. UTILITY BRUSH NOZZLE
- 24. UTILITY AIR NOZZLE
- 25. CRYSTALATOR
- 26. SUCTION COUPLER
- 27. BLOWER COUPLER
- 28. SPRAY & SUDS-O-GUN

See illustration on page 15

HANDI-BUTLER PARTS ARE ON PAGE 20



MAJOR POINTS OF OPERATION!



## HANDY TOOL CABINET

This smartly arranged cabinet is planned for maximum convenience in use and storage. It can be carried readily to the cleaning job . . . hung on a door knob or the back of a chair . . . keeps the tools handy while you are using any of the Kirby units. It can be stored away neatly and easily on the back of a closet door or any other suitable location.

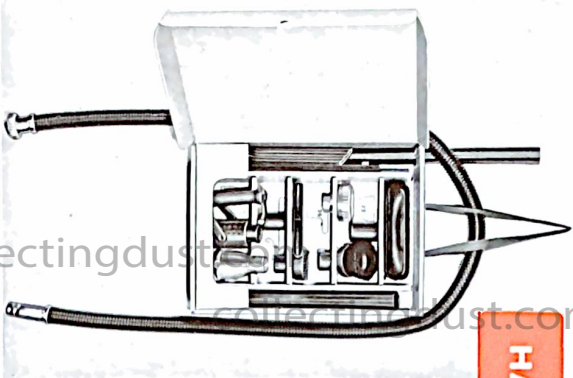
Replacement of the tools is made easy by the outline drawings printed inside the cabinet.

## MOTOR SWITCH

The Kirby motor is turned on or off by depressing the red switch button on the side of the motor unit with either your toe or hand.

You will notice that the motor will not turn on or off until pressure on the button is released.

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## BELT LIFTER

### OPERATING INSTRUCTIONS

Belt lifters are found on the Rug Nozzle, Power Polisher and Handi-Butler. The operation of the belt lifter on the Rug Nozzle and Power Polisher are identical. The belt lifter on the Handi-Butler differs in appearance only and is explained on page 18.

The Kirby belt lifter makes it easy for you to change units. The belt transmits power from the motor to the Kirby unit. To change units, the belt must be removed from the belt drive shaft and replaced with the belt of another unit. The belt lifter does this for you.

On the front of the Rug Nozzle and the Power Polisher you will find the Kirby name plate. At the top of this name plate is a lever arm which is used in rotating the plate. Also on this plate you will find the words "ON" and "OFF".

As the first step in lifting the belt for attachment, turn the name plate so the word "ON" is against the stop pin. (See figure 4). Then look through the round opening at the back of the nozzle and make



Fig. 1

certain that the belt is standing upright in the center of the brush. Also check the position of the belt on the brush roll by looking at the bottom of the nozzle. It should be in the center. Then turn the name plate counterclockwise until the word "OFF" is against the stop pin. (See figure 3). When the belt is new it will take a firm pressure to complete the turn. In turning the Belt Lifter to the "OFF" position you automatically pick up the belt on the metal finger and lift it so the Belt Drive Shaft can pass through the loop. (See figure 1). Your nozzle is now ready for attachment to the motor unit (see page 22). Once it is attached, simply turn the name plate clockwise to the "ON" position and the belt will be properly in place on the Belt Drive Shaft.

17

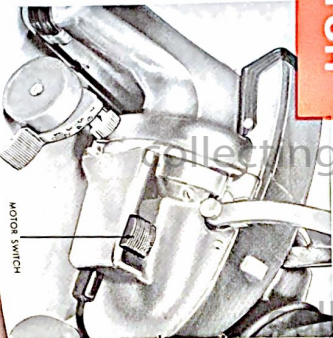


Fig. 2

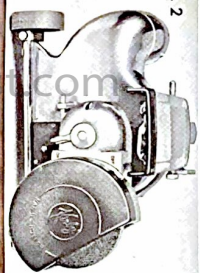


Fig. 3



Fig. 4



## HANDI-BUTLER ATTACHMENT INSTRUCTIONS

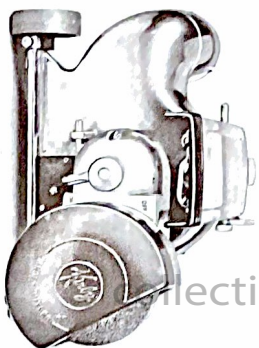


Fig. 1

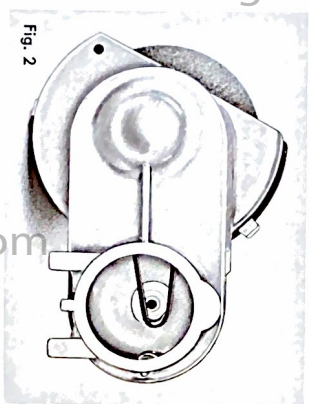


Fig. 2

On the front of your Handi-Butler you will find a lever which can be rotated between "ON" and "OFF" positions. This is the Belt Lifter for the Handi-Butler.

**STEP 1:** Set the lever in the "ON" position and by looking through the round opening at the back make sure the belt is over the metal finger. If it is not in place, use a lever such as a screwdriver to slip the belt over the finger.

**STEP 2:** Turn the Belt Lifter lever to the "OFF" position thus extending the belt (figure 2). The unit is now ready for attachment to the Motor Unit.

**STEP 3:** Raise the Floodlight Hood. Hold the Handi-Butler so the Attaching Slot is on the Attaching Bar which is just below the Belt Drive Shaft. (Figure 3) The Belt Drive Shaft should enter the large round opening and pass through the loop formed by the belt.

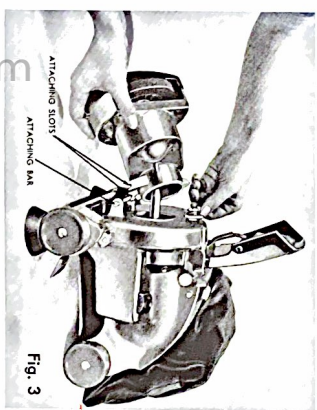


Fig. 3

**STEP 4:** The unit should then be swung back against the Motor Unit and at the same time a downward pressure should be applied to bring the other Attaching Slot into position on the Attaching Bar. In this operation you must overcome the spring tension on the safety switch button which is centered just behind the Attaching Bar.

While holding the unit in place, turn the Attachment Lock-Lever to hold the unit in place (figure 4).

**STEP 5:** Turn the Belt Lifter lever to the "ON" position and the unit is ready for operation. Rubber suction cups which are provided may be placed under the front wheels to steady the unit (figure 3).

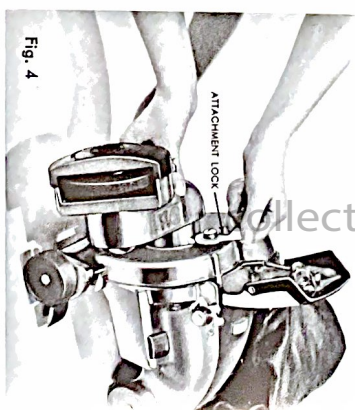
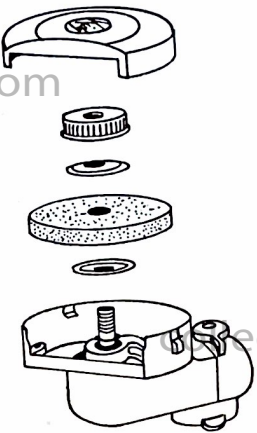


Fig. 4

## HANDI-BUTLER OPERATION INSTRUCTIONS

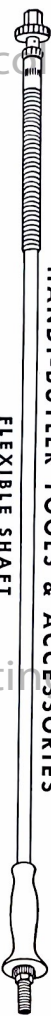
Proper assembly of the various work wheels is as diagrammed on the right. Be sure to replace the plastic guard cover when using the wheels. The same assembly procedure is followed when mounting the work wheels on the Flexible Shaft. The other end of the shaft attaches to the drive shaft of the Handi-Butler. When using the shaft, put the plastic cover back in the box for safekeeping.



The rubber sanding and polishing disc can be attached either directly to the Handi-Butler or to the Flexible Shaft. The sanding discs are mounted as illustrated by removing the large screw in the center of the rubber disc and reinserting it through the hole in the sanding disc. The lambswool polishing pad is stretched over the rubber disc and fastened by drawing the strings tight and tying. Be sure to tuck the loose ends under the edge of the pad.

## HANDI-BUTLER TOOLS & ACCESSORIES

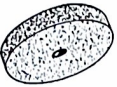
### FLEXIBLE SHAFT



**SUCTION CUPS**  
Place under floor wheels of Motor Unit.



**POLISHING COMPOUNDS**  
Store in cool place. See directions on wrapper.



**GRINDING WHEEL**  
Do not use if chipped or cracked. Wear glasses or goggles to protect eyes. Used with Handi-Sharpener.



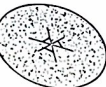
**SHEETING WHEEL**  
Used with Polishing Compound No. 2 on metals such as brass or copper.



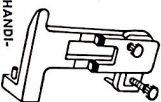
**FLANNEL BUFFING WHEEL**  
Used with Polishing Compound No. 1 on precious metals such as gold or silver.



**WIRE BRUSH**  
For use in removing moving points, rust, or scale from metal.



**SANDING DISCS**  
Attached to rubber disc for light sanding.



**HANDI-SHARPENER**  
Sharpening guide — see instructions packed with Handi-Butler.

## TOE TOUCH NOZZLE ADJUSTMENT

This exclusive Kirby Rug Nozzle feature enables you to positively adjust the rug cleaning nozzle to the proper height for efficient cleaning of all floor coverings. If the nozzle were set too high, there would be no cleaning action. If it were set too low, the cleaning action would be impaired and the machine would be hard to push.

To adjust the Kirby Rug Nozzle properly for your rug, simply depress the large lever (see "B" in illustration) with your toe as far as it will go. This raises the nozzle to the maximum height and the pointer will indicate No. 7 on the adjustment scale.

Now turn on the motor and depress button "A" with your toe. Each time you depress this button the nozzle will lower one notch. Continue to depress this button one notch at a time until you notice a change in tone of your Kirby. This indicates that the nozzle is at the correct level for the thorough cleaning of your carpet.

If the suction is broken with normal movement of the machine, lower the nozzle one more notch. This same adjustment mechanism is used when operating the Hand Portable or the Power Polisher.

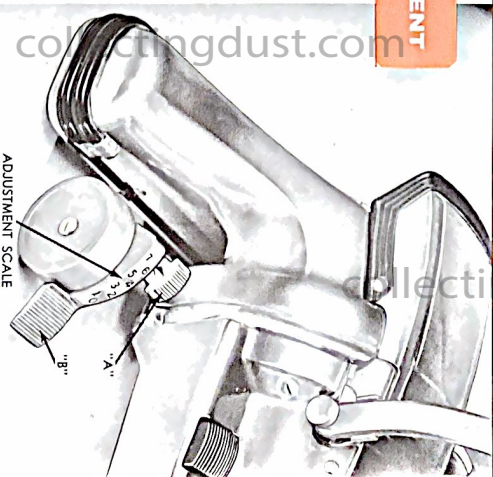
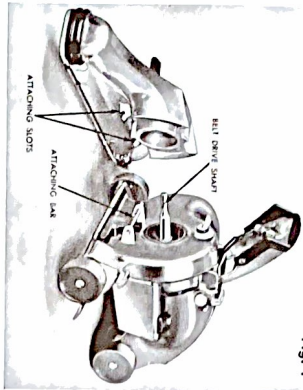


Fig. 1



## UPRIGHT CLEANER ASSEMBLY INSTRUCTIONS

The following units should be attached to the Motor Unit for use as an upright rug cleaner: Rug Nozzle, Long Handle, Sani Em-Tor and Bag.

### ATTACHMENT OF RUG NOZZLE

- STEP 1: Set Belt Lifter on Rug Nozzle for attachment as explained on page 17.
- STEP 2: Set Toe Touch Nozzle Adjustment at No. 7 position on Adjustment Scale. (See instructions on page 21). Raise Floodlight Hood.
- STEP 3: Place Attaching Slots at back of Rug Nozzle on the Attaching Bar. (see figures 1 and 2). Swing nozzle back toward Motor Unit with a slight downward pressure to overcome spring tension on Safety Switch (see figure 2). Hold nozzle in place with one hand and lock in place with Attachment Lock Lever at top-front of Motor Unit. (see figure 3).
- STEP 4: Turn Belt Lifter to "ON" position (figure 4).  
To remove nozzle reverse these steps. Be sure to have Belt Lifter in "OFF" position before releasing attachment lock lever.

### ATTACHMENT OF LONG HANDLE

- STEP 1: Remove Handle Pin from Motor Unit by pulling straight out with a slight twisting action.
- STEP 2: Insert the fork of the Long Handle into the slide at top of Motor Unit (see figure 5).
- STEP 3: Replace Handle Pin as far as it will go.

Fig. 2

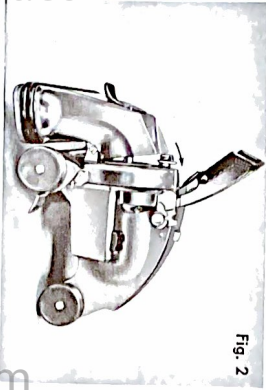


Fig. 2

Fig. 3

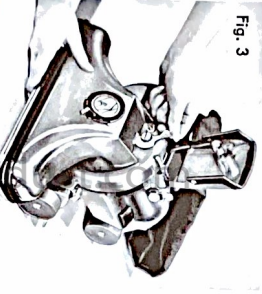
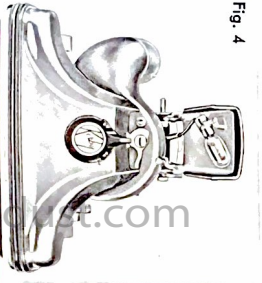


Fig. 4



### ATTACHMENT OF SANI EM-TOR

- STEP 1 On the inside of the Sani Em-Tor collar you will notice three curved slots. These should be lined up with the pins on the neck of the Motor Unit.
- STEP 2: Slide the collar firmly over the neck and twist downward. The unit will lock firmly in place. (See Figure 6)

When the unit is new the rubber gasket inside the collar of the Sani Em-Tor will be stiff and offer some resistance. This gasket is necessary to give you an air-tight seal.

To remove the Sani Em-Tor simply twist from the bottom and away from the Motor Unit. It will unlock with a snap.

### ATTACHMENT OF BAG AND CORD

- Plug the cord into the rear of the Motor Unit just below the Motor Switch. Fasten the cord hook to the clip just below the Handle Grip and wind down under the lower cord hook and up over the Swiveled Cord Hook. (Figure 7)
- Fasten the bag chain to the same clip after the cord has been attached.

For the operation of the Kirby Upright Cleaner also refer to pages 16, 21 and 24.

Fig. 3

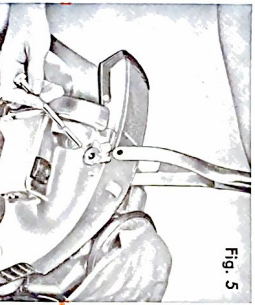


Fig. 4



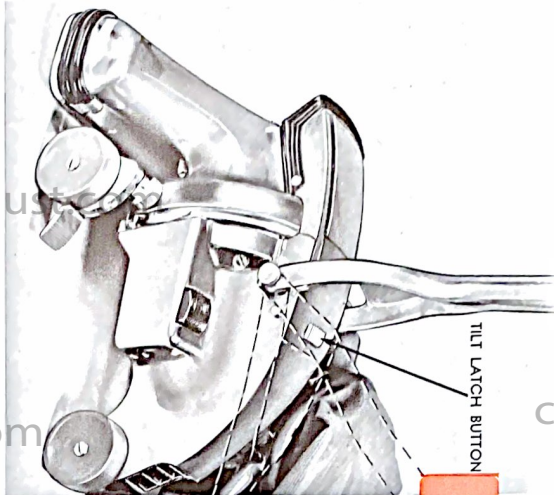
Fig. 5



Fig. 6



TILT LATCH BUTTON



## TILT LATCH & HANDLE LOCK

### TILT LATCH

This latch permits the long handle to swing in an arc to a point where additional downward pressure raises the Rug Nozzle up and over the edge of rugs, electric cords and other obstructions. This action is accomplished by sliding the Tilt Latch button toward the motor switch side of the machine as far as it will go.

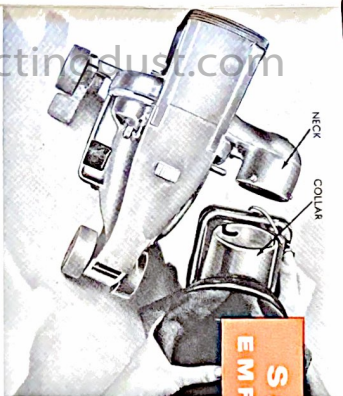
When it is necessary to push the Kirby under low furniture, the handle can be brought to a horizontal position simply by sliding the Tilt Latch button to the extreme opposite position — toward the bag or Sani Em-Tor.

### HANDLE LOCK

To lock the handle in the horizontal position for the cleaning of stair treads, etc., simply push the Tilt Latch button toward the switch side of the machine while the handle is in the horizontal position. It may be necessary to maintain pressure on the button as you gradually raise the handle.



NECK  
COLLAR



## SANI EM-TOR EMPTYING THE BAG

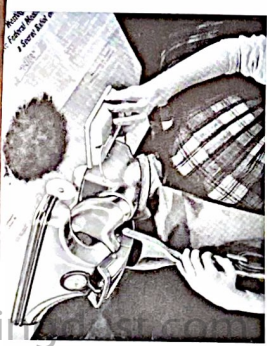
The Sani Em-Tor is an exclusive Kirby device which enables you to empty the bag right in your home without muss, fuss or expense. The Sani Em-Tor should be emptied after each thorough cleaning. If dirt is allowed to accumulate in the bag, the cleaning efficiency of your Kirby will be reduced; the bag will become difficult to empty; and it will provide an ideal place for germs to grow and multiply. It is just good housekeeping to keep the Sani Em-Tor and bag empty.

### EMPTYING THE BAG

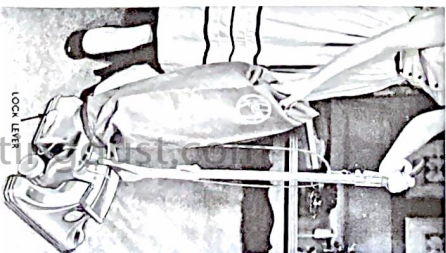
1. Detach bag chain from handle clip.
2. Lower Rug Nozzle to No. 0 position (See page 21) and turn on motor.
3. Allow motor to run briefly and then turn off. While bag is still extended, shake it vigorously from the top.
4. Spread newspaper on the floor and place Kirby on it.
5. Tilt machine slightly and lift lock lever on the side of Sani Em-Tor to release plastic bottom.
6. Swing bottom tray out from under Sani Em-Tor and turn it upside-down, emptying the dirt and lint onto the paper.
7. After all dirt has been removed, swing plastic bottom back into place and lock securely with locking lever.

*If excessive dirt has accumulated in the bag, it may be necessary to force it through the Sani Em-Tor by pushing the bag down into the top of the Sani Em-Tor with your hand.*

**ATTACHING THE SANI EM-TOR**  
The Sani Em-Tor is attached to the neck of the Motor Unit with a simple twist. Detailed instructions can be found on page 23. Before putting unit into operation, be sure plastic bottom is locked securely in place.



Neck  
Collar  
Motor Unit  
Paper Bag



LOCK LEVER

## ELECTRIC FLOOR DUSTER ATTACHMENT & OPERATION



With the Kirby assembled as an upright rug cleaner, snap the Floor Duster Pad into place by inserting the spring clips into the rug guard on the bottom of the Rug Nozzle.

Set the Toe Touch Nozzle Adjustment on the "O" position (see Page 21), turn the Belt Lifter to the "OFF" position (see Page 17), turn on the motor, and you are ready to buff-dust hard surfaced floors.

If floor is littered with sand or coarse dirt, adjust nozzle so pad just clears the floor for the first cleaning operation.

## AIR REFRESHER FILLING & USE

The Kirby Air Refresher makes it possible for you to freshen the air in your home while you do your cleaning. Before you start cleaning, remove the red cap from the Air Refresher Intake at the rear of the Sani-Em-Tor. Fill the Air Refresher by up-ending the can of Sweet-Aire three times into the opening. Do not over-fill. Replace cap and continue with your cleaning.



## ATTACHMENT INSTRUCTIONS

### THE SUCTION COUPLER

Place the Attaching Slots of the Suction Coupler over the Attaching Bar at the front of the Motor Unit. Swing the coupler back against the Motor Unit and lock in place with the Attachment Lock Lever. To do this a downward pressure must be applied to overcome the tension of the safety switch.

### THE BLOWER COUPLER

Inside the collar of the Blower Coupler you will find three curved slots. To attach, these slots should be lined up with the pins on the neck of the Motor Unit and the coupler engaged on the pins with a firm forward pressure and a clockwise twist. It will lock into position.

### THE FLEXIBLE HOSE

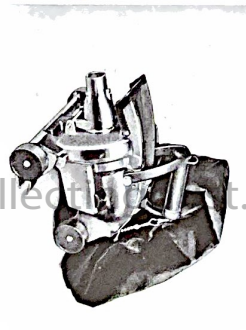
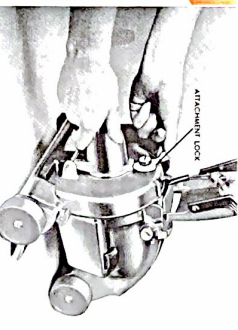
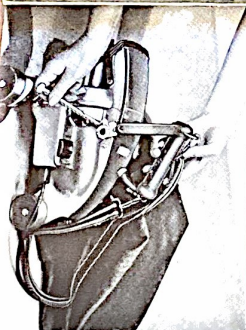
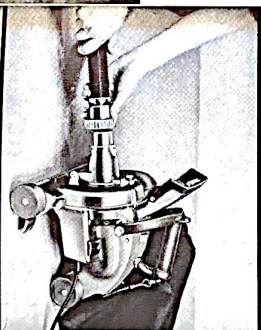
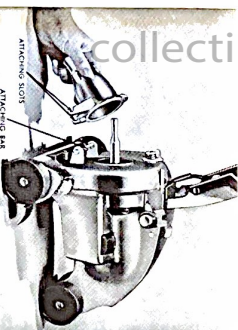
The hose may be connected to the Suction Coupler for cleaning or to the Blower Coupler for spraying or demisting. In either case the operation is similar — just grasp the Hose Locking Nut firmly, slide over the coupler opening on Motor Unit and lock in place with a clockwise twist.

### THE PORTABLE HANDLE AND SHOULDER STRAP

Remove Handle Pin and Long Handle. Slide legs of portable handle into place on top of the Motor Unit as illustrated. Replace Handle Pin. The Shoulder Strap is hooked to the loops provided at the top and rear of the handle.

### BAG ATTACHMENT FOR PORTABLE UNITS

Sani-Em-Tor and bag are attached as explained on page 23. The bag is then folded under and the bag chain hooked to the clip at the back of Portable Handle.



## PORTABLE UNITS ASSEMBLY AND OPERATION

### HAND PORTABLE

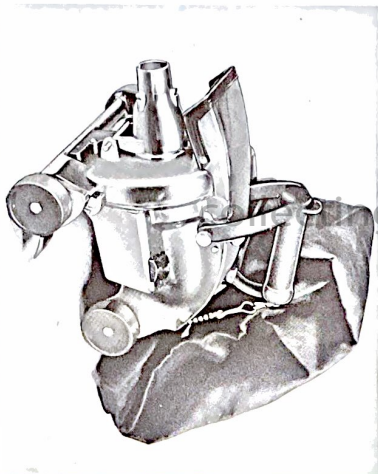
Here is a powerful unit which will do a magnificent job of cleaning your deep cushions and stair treads. It is especially suited for use on your mattress.

To assemble, attach the following to the Motor Unit: Rug Nozzle (See Pages 17 & 22) The Portable Handle (Page 27) The Sani Em-Tor (Page 23). Hook the Bag Chain to the clip on the Portable Handle and with the Toe Touch Nozzle Adjustment (Page 21) set the nozzle height at the position most suitable.



FOR ATTACHMENT INSTRUCTIONS  
SEE PAGE 27

28



### SHOULDER PORTABLE

This unit is ideal for cleaning large areas where considerable mobility and freedom of hands are advantages. It is also convenient to use with the Handi-Butler and Flexible Shaft.

To assemble, attach the following to the Motor unit: Suction Coupler and Flexible Hose, or Handi-Butler and Flexible Shaft (See Page 27 or 18 & 19), Sani Em-Tor and bag (Page 23), and the Portable Handle and Shoulder Strap (Page 27).



### FLOOR PORTABLE OR TANK-TYPE CLEANER

This is a unit which gives you the light-weight portability of a tank-type machine for above-the-floor cleaning operations around your home. Used with various combinations of the tools and extension tubes, you can clean those hard-to-reach areas in your home with ease.

To assemble, the following should be attached to the Motor Unit: Sani Em-Tor and bag, Suction Coupler, Flexible Hose, and appropriate extension tubes and tools. For complete portability, remove the Long Handle and replace it with the Portable Handle.

Extension tubes and tools are connected simply by inserting the tapered end of the hose or tube into the tool with a firm twist. To release simply twist and pull. A straight pull will not separate the parts if they have been properly assembled.

FOR ATTACHMENT INSTRUCTIONS SEE PAGES 23 AND 27.

29



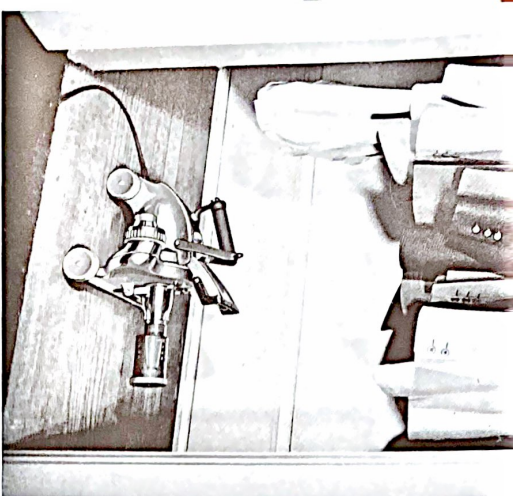


## CRYSTALATOR DE-MOTHING UNIT

To assemble, attach the Suction and Blower Couplers to the Motor Unit. The Flexible Hose may or may not need to be attached to the Blower Coupler depending on the intended use. Fill the Crystalator with Paradichlorobenzene Crystals (Moth Crystals) and attach to the Suction Coupler.

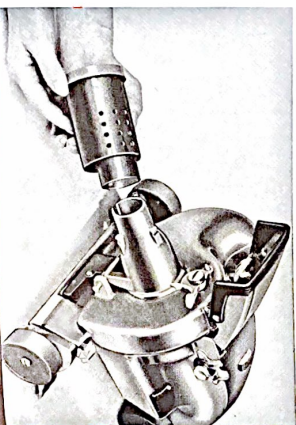
### FILLING THE CRYSTALATOR

Turn the cap so the "ON-OFF" marker lines up with the arrow on the red body of the Crystalator and lift off. Pour in crystals until the Crystalator is about half full when held in a horizontal position. A finger inserted into the inner cone will close the slot and prevent spillage. Replace cap and turn to desired setting: "Gas" for de-mothing a closet or other confined area; "Medium Crystals" for furniture, baseboards, carpets, etc.; "Full Crystals" when it is desirable to deposit large crystals in chests or storage boxes.



### ATTACHING THE CRYSTALATOR

Inside the neck of the Crystalator you will find a small lug. This must be lined up with the slot in the neck of the Suction Coupler as the Crystalator is pushed firmly into place.



### USE WITH HOSE



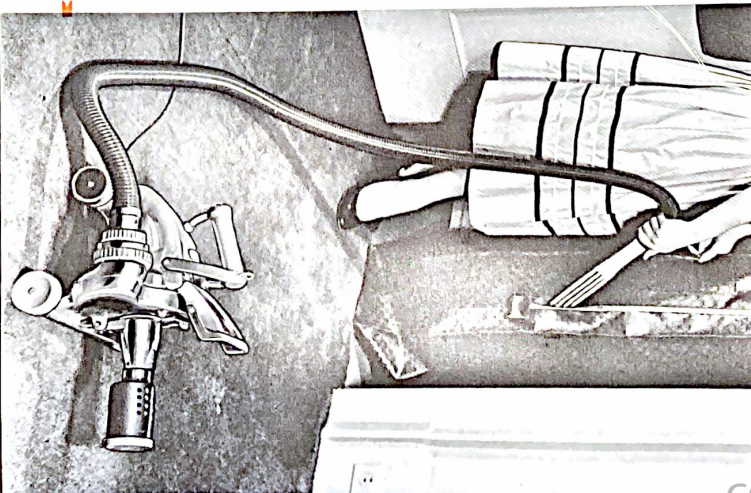
Assemble the Crystalator Unit as described above and, you should attach the hose and crevice tool to the Blower Coupler. See illustration at right.

### DE-MOTHING A CLOSET

Assemble the Crystalator Unit as described above and, without attaching the hose, place the unit on the floor of your closet. Turn the Crystalator cap to the "Gas" position, turn on the motor, and close the door. It is advisable to seal the crack at the floor with a throw rug. Allow the motor to run for from 5 to 15 minutes, depending on the size of the closet.

If Crystals are damp they will tend to cling together and stop the action of the Crystalator. If this happens, just place your hand over the holes in the top of the Crystalator body for a second while the motor is running. This will loosen the crystals and start them flowing into the fan chamber where they are exploded into a moth-killing gas.

### USING HOSE TO DIRECT GAS OR CRYSTALS



# How to Maintain and Service Your Kirby



## IMPORTANT:

Your Kirby Home Sanitation System is covered by a one year Factory Guarantee against faulty materials or workmanship, and a Lifetime Service Insurance Agreement and Fire Loss Insurance. See Pages 40 and 41.

The Kirby Distributor in your area stands ready to be of assistance to you at all times and his address should be put on the cover of this book for your future reference. If, at any time, you have need of the address of your closest service representative, you are welcome to contact the factory.

Your Kirby will give you many years of trouble-free service if you will care for and maintain it according to the suggestions made on the next few pages.

On the opposite page we have attempted to cover the various situations which might occur and which can be corrected easily by you at home without the inconvenience of having to contact a serviceman even though he is ready to help you at any time. If you are experiencing a difficulty, read over the various sections in this book pertaining to the problem and take the action indicated before you call a serviceman.

## HELPFUL HOME SERVICE HINTS

**If Kirby will not pick up lint or ravelings on carpet, check to see if**

1. Belt Lifter is in "OFF" position (Page 17)
2. Belt is broken or worn out (Page 37)
3. Brush needs adjustment (Page 36)
4. Toe Touch Nozzle Adjustment is improperly adjusted (Page 21)
5. Bag needs to be emptied (Page 25)
6. Brush needs cleaning (Page 36)

**If motor will not run but floodlight lights up**

1. Make sure either the rug nozzle, suction coupler, Handi-Butler or Power Polisher is properly in place.

**If motor will not run and light does not light**

1. Check to make sure cord is properly plugged into the machine and wall outlet.
2. Make sure there are no breaks in cord. Check by attaching to a floor lamp and flexing back and forth along entire length of cord. Pay particular attention to male and female connectors at ends of cord.

**If Rug Nozzle is loose even after proper attachment**

1. Attachment lock not turned tight enough.

**If Sani Em-Tor (Dirt Trap) is loose**

1. Check to be sure it is locked in position by turning clockwise as far as possible. (Page 23)
2. Check to see if rubber gasket inside collar of Sani Em-Tor is properly in place. If not, call for service.

**If Power Polisher Brush will not revolve**

1. Make sure Belt Lifter is in "ON" position.
2. Check condition of belt—replace if necessary. (See Page 37)

3. Make sure belt is not wet with wax.

**If Handi-Butler work wheels will not revolve or stop under light pressure**

1. Make sure Belt Lifter is in "ON" position.
2. Check belt and replace if broken, worn or stretched. (See Page 37)
3. Check locking nut to make sure it is tight.

**If Handi-Butler locking nut will not thread on shaft**

1. It is a left hand thread and must be turned counterclockwise to tighten.

**If motor runs but light does not light**

1. Check bulb for tight fit.
2. Bulb burned out—replacement needed.

**If dirt will not fall out of bag and Sani Em-Tor**

1. Too much dirt has been allowed to accumulate and it is jamming the large opening of the Sani Em-Tor where the bag is attached. Force the dirt through by pushing the lower portion of the bag down through the opening.
2. In an extreme case, it may be necessary to turn back the flap at the top of the bag which covers the bag clip and slide the clip off. The bag can then be emptied into an ash can or even vacuumed clean with the Kirby Floor Portable Unit and the Utility Air Nozzle. This must be done out of doors as there will be no means of trapping the dirt.

**If Kirby is hard to push when Rug Nozzle is attached**

1. Toe Touch Nozzle Adjustment set too low. Raise one or two notches. (Page 21)

# How to Maintain and Service Your



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If Rug Nozzle is loose even after proper attachment

1. Attachment lock not turned tight enough.

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1. Check to be sure it is locked in position by turning clockwise as far as possible. (Page 23)
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If Power Polisher Brush will not revolve

1. Make sure Belt Lifter is in "ON" position.
2. Check condition of belt—replace if necessary. (See Page 37)

3. Make sure belt is not wet with wax.

If Handi-Butler work wheels will not revolve or stop under light pressure

1. Make sure Belt Lifter is in "ON" position.
2. Check belt and replace if broken, worn or stretched. (See Page 37)
3. Check locking nut to make sure it is tight.

If Handi-Butler locking nut will not thread on shaft

1. It is a left hand thread and must be turned counterclockwise to tighten.

If motor runs but light does not light

1. Check bulb for tight fit.
2. Bulb burned out—replacement needed.

If dirt will not fall out of bag and Sani Em-Tor

1. Too much dirt has been allowed to accumulate and it is jamming the large opening of the Sani Em-Tor where the bag is attached. Force the dirt through by pushing the lower portion of the bag down through the opening.
2. In an extreme case, it may be necessary to turn back the flap at the top of the bag which covers the bag clip and slide the clip off. The bag can then be emptied into an ash can or even vacuumed clean with the Kirby Floor Portable Unit and the Utility Air Nozzle. This must be done out of doors as there will be no means of trapping the dirt.

If Kirby is hard to push when Rug Nozzle is attached

1. Toe Touch Nozzle Adjustment set too low. Raise one or two notches. (Page 21)

## BRUSH ADJUSTMENT

Through usage, the revolving brush in the rug nozzle will gradually wear down. When it fails to protrude approximately 1/16 inch beyond the stainless steel rug guard — check by laying a flat piece of stiff cardboard across a portion of the rug guard — turn the brush roll adjustment screws at each end of the brush roll clockwise with a screw driver until the proper amount of bristle protrudes. Be sure to turn each screw an equal amount so the same amount of bristle protrudes on each end of the brush roll.



## BRUSH CLEANING

### TO REMOVE BRUSH ROLL FROM RUG NOZZLE

1. Remove nozzle from motor unit.
2. Turn Belt Lifter to "ON" position.
3. Swing Rug Guard from nozzle on hinges as pictured.
4. Spread support brackets by bending slightly away from Brush Roll. The brush may then be removed for cleaning.
5. Use scissors to cut string, thread or hair which may be wrapped around the brush roll. An old comb is also useful in removing foreign matter embedded in brush tufts.

### REPLACEMENT OF BRUSH ROLL

1. Place ends of Brush Roll into support brackets — one end is wider than the other so it can be replaced only the correct way.
2. Bend the support brackets back into place.
3. Make sure belt is positioned in center of Brush Roll.
4. Swing Rug Guard back into the nozzle — it will snap into place. It will be necessary to depress the belt slightly as this is done.



## BELT REPLACEMENT

### GENERAL INSTRUCTIONS

A belt in good condition is essential for the efficient operation of the Kirby Rug Nozzle, Power Polisher, and Handi-Butler. If any of these units fail to perform properly, the belt should be examined and replaced if it has become worn, stretched or broken.

The Kirby belt transmits the power from the motor to the Brush Roll of the Rug Nozzle and the Power Polisher, and to the work wheels on the Handi-Butler. Therefore, a belt in good condition is essential for the efficient operation of these units.

### RUG NOZZLE

If the Rug Nozzle fails to remove lint from the surface of the carpet or to properly vi-brate the carpet, the cause of the difficulty may be a weak or broken belt.

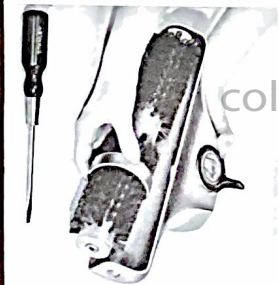
To replace the Rug Nozzle belt, remove the nozzle from the motor unit and remove the Brush Roll from the Rug Guard as explained under Brush Cleaning on page 36 and as illustrated on the left. The worn belt can then be slid off over the end of the brush roll and replaced with a new one.

### POWER POLISHER

Remove the Polisher from Motor Unit and turn Belt Lifter to "ON" position. Loosen the screw at one end of the nozzle about 1/2 to 1 full turn with a screw driver. Completely remove the screw and rubber bumper from the other end. Swing the Brush Roll out slightly being careful not to bend axle or remaining screw. Slide worn belt off open end and replace with a new one. Swing brush back into nozzle, line up axle with screw hole and replace screw and bumper. Tighten both screws firmly.

### HANDI-BUTLER

1. Remove Handi-Butler from motor unit.
2. Remove work wheels and washers.
3. Turn Belt Lifter to "ON" position.
4. With screw driver slide belt off Belt Lifter finger.
5. Remove belt by sliding it out over drive shaft to which work wheels are attached.
6. Replace new belt by reversing above steps.



**LUBRICATION**

Your Kirby motor has been properly lubricated at the factory and should not need additional lubrication for several years. Lubrication should be done only by an authorized Kirby Serviceman. The Handi-Butler may need an occasional drop of oil in the hole so marked at the back of the unit.

**BULB REPLACEMENT**

Lift lamp hood and remove old bulb by depressing and turning bulb counter-clockwise. It is a bayonet-type base and replacement is made by sliding small lugs on base of bulb down into slots in socket with a firm downward pressure and a clockwise twist. The bulb will lock into place.

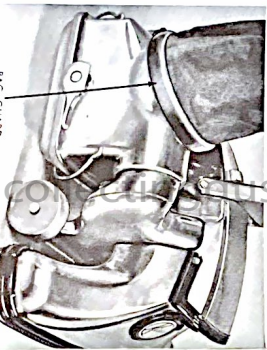
**BAG MAINTENANCE**

Keep the plastic bag guard in place around the point where it is fastened to the Sani Em-Tor. This will minimize wear, and under average use your bag will last for many years. The only time it will need replacement will be at times of general overhaul. The bag is fastened to the Sani Em-Tor with a strong spring and reasonable strength and skill is required for its replacement.

**CORD SERVICE**

The Kirby cord can be completely removed from the Kirby with ease for use as an emergency extension cord. It is well protected at all points of contact with the Kirby and will last for years with reasonable care.

Keep cord neatly wound on cord hooks on the long handle. Quick and easy removal of cord from hooks is possible by turning the swiveled cord hook at the top of the handle so the hook points down. The cord then slides off easily.



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## WARRANTY

any way whatsoever from the condition in which it was purchased from an authorized Kirby distributor other than an authorized Kirby distributor.

An agreement on the part of the distributor other than contained herein is void. The manufacturer and should not be held responsible for any repairs or parts purchased from a dealer duly authorized by the manufacturer."

## SERVICE INSURANCE

and/or distributor hereby agree to provide service insurance for the purchaser of this Kirby any time of the factory guarantee and as long as the purchaser may require, providing the purchaser is the original owner, as follows:

and/or distributor in rebuilding the machine. The purchaser will make every effort to return the machine to the customer for this service as long as the manufacturer will in no case charge more than \$17.50 for any one

## WARRANTY

2. The price of \$17.50 (maximum price) shall include all labor and materials to put the machine in A-1 condition. Charge will be made other than this.

3. If a Kirby owner should desire to have the machine repaired or rebuilt, the Kirby distributor do the rebuilding, said distributor to compensate the distributor for the rebuilding charges that he must pay for parts, may charge up to but not more than \$17.50 for any one rebuilding. It is to be understood that the distributor's rebuilding charge in no case shall exceed the price of the machine to the factory rebuilding charge. Also, local distributors can generate a substantial saving to the Kirby distributor's rebuilding charge. Also, local distributors can generate a substantial saving to the Kirby distributor's rebuilding charge. Also, local distributors can generate a substantial saving to the Kirby distributor's rebuilding charge.

## COVERAGE OF LOSS

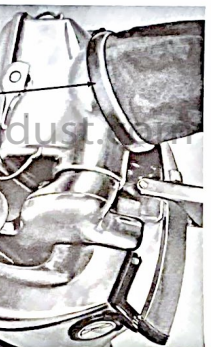
1. In the event that this machine, or any part thereof, is destroyed, damaged, or lost by fire, theft, or other cause, the purchaser shall notify the distributor immediately. The distributor will repair or rebuild the machine at the same model, providing the purchaser is the original purchaser, and the machine is returned to the distributor within 90 days of the date of the loss. The price of \$17.50 and the fire-damaged return home; return transportation charges will be paid by the customer. The price of \$17.50 and the fire-damaged return home; return transportation charges will be paid by the customer. The price of \$17.50 and the fire-damaged return home; return transportation charges will be paid by the customer.

## LUBRICATION

indicated at the factory and should not be changed. Lubrication should be done only as directed. Handi-Butler may need an occasional oiling of the back of the unit.

## BAG MAINTENANCE

Keep the plastic bag guard in place around the point where it is fastened to the Sani Em-Tor. This will minimize wear, and under average use your bag will last for many years. The only time it will need replacement will be at times of general overhaul. The bag is fastened to the Sani Em-Tor with a strong spring and reasonable strength and skill is required for its replacement.



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