

**HOBART**701 S Ridge Avenue, Troy, OH 45374  
1-888-4HOBART • www.hobartcorp.com**FD4/500  
FOODWASTE DISPOSERS****HOBART****POWERFUL AND DEPENDABLE**

Peak periods for the large food service establishment can be very demanding on any foodwaste disposer. This powerful disposer has a large capacity for foodwaste. Hobart has engineered the 5 horsepower unit to perform dependably during peak demands for economical foodwaste disposal.

**SPECIFICATIONS**

**MOTORS:** Continuous duty rating. Permanently lubricated bearings. Inherent overload protection in motor.

**HOUSINGS:** Heavy-duty ductile iron upper housing. Ductile gray cast iron lower housing, machined, primed and painted. Heavy grind and discharge housings. Four bolts fasten the motor unit to the grind chamber, permit easy removal.

**LEGS:** Tubular stainless steel with flanged feet to support housing. Adjustable to 3" in either direction.

**MOUNTING:** Disposer fastens to 7" I.D. throat opening cones. A vinyl isolating ring eliminates metal-to-metal contact at the cone mounting, reduces vibration and noise transmission.

**STATIONARY SHREDDER RING:** Hardened ductile steel alloy, 1 $\frac{3}{8}$ " high, 24 grinding teeth.

**FLYWHEEL:** Hardened, ductile steel alloy flywheel with a breaker blade is 10 $\frac{5}{8}$ " diameter. Flywheel outside diameter is cut at a 45° angle. Flywheel can be raised or lowered to adjust cutting gap, adjust for wear to increase life.

**MOTOR SHAFT SEAL:** Three lip seals with slinger on top of motor.

**DRAIN CONNECTOR:** The removable outlet flange is tapped for 2" pipe connection.

**DUAL DIRECTION GRINDING:** Disposer flywheel operates in either direction. When installed with Control Groups 5 & 6, flywheel automatically starts in opposite direction each start. (Increases life and efficiency of grinding elements and frees flywheel of jams.)

**WEIGHT:** Shipping – Approx. 190 lbs. (does not include accessory group or controls).

**FD4/500 FOODWASTE DISPOSERS**Complies with  
ASSE 1009

# FD4/500 FOODWASTE DISPOSERS



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## ACCESSORY GROUPS

### GROUP A



Nitrile Rubber Scrapping Ring



Stainless Steel Silver-Saver Sleeve with Side Feed Hole



Water Swirl



Vacuum Breaker

### GROUP B



Nitrile Rubber Silver-Saver Splash Guard Ring



Water Swirl



Vacuum Breaker

### GROUP C



Nitrile Rubber Silver-Saver Splash Guard Ring



Vacuum Breaker



Pre-Rinse Spray with Wall Bracket

### GROUP D



Nitrile Rubber Silver-Saver Splash Guard Ring



7" I.D. Stainless Steel Weld-in Adapter for Sink



Fixed Direction Water Inlet for Sink



Vacuum Breaker

## ACCESSORY COMPONENTS

### CONES-SINK – Stainless Steel



Part No.

Cone 15" I.D. w/hole for water swirl inlet .....ML-32664

Cone 18" I.D. w/hole for water swirl inlet .....ML-32666

Cone 15" I.D. w/out swirl hole .... 315144

Cone 18" I.D. w/out swirl hole .... 315146



Sink 16" x 20" x 7" (7" opening) w/hole for water inlet.....ML-32662

### WATER INLETS



Cone Water Swirl Inlet 1/2" N.P.T..... 315122



Fixed Direction Water Inlet (for sinks or troughs) 1/2" N.P.T. .... 315142

### FLOW CONTROL



10 Gallons per minute for Model FD500 – 3/4" N.P.T. .... 315150

### CONE COVER – STAINLESS STEEL



15" Cone cover w/feed hole ...ML-33268

18" Cone Cover w/feed hole...ML-33269

## CONE FEEDING ACCESSORIES



Part No.

Nitrile Rubber Scrapping Ring .... 292122



Stainless Steel Silver-Saver Sleeve with side feed hole..... 315140

### SILVER-SAVER SPLASH GUARD RING



Nitrile Rubber Silver-Saver and Splash Guard Ring (for 7" opening cones, sinks and adapter)..... 315124

### SINK ADAPTER – Standard Group D Accessory



7" I.D. Stainless Steel Adapter for Welding to Sink or Trough ..... 292123

### VACUUM BREAKERS – Luster Chrome Plated



3/4" ..... 315138

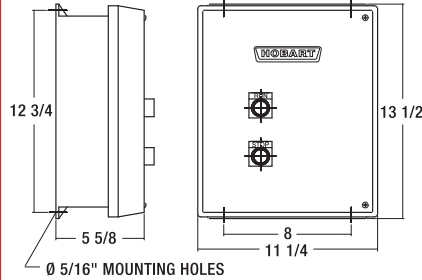
### PRE-RINSE SPRAYS

PR-3 Heavy-duty Flexible Pre-rinse Spray (40" high with wall bracket) ML-32333



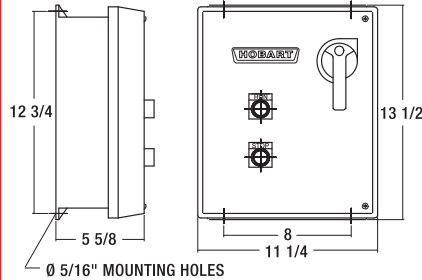
Adapters are available to install Hobart Disposers on existing cones. See Form F7543.

**ELECTRICAL CONTROL GROUPS** Listed by Underwriters Laboratories Inc., for use with FD3 and FD4 Disposers (50 Hz. Electrical Specifications not submitted for UL listing)



**Group 5**  
Includes:  
Magnetic Contactors  
Pushbutton Start and Stop  
Automatic Reversing  
NEMA 4 Enclosure  
Solenoid Valve (24 V only)

Approximate  
Shipping Wt. 19 lbs.



**Group 6**  
Includes:  
Magnetic Contactors  
Pushbutton Start and Stop  
Automatic Reversing  
Time Delay for water after shut-off  
Line Disconnect  
Solenoid Valve (24 V only)  
NEMA 4 Enclosure

Approximate  
Shipping Wt. 20 lbs.

**AVAILABLE ELECTRICAL SPECIFICATIONS**

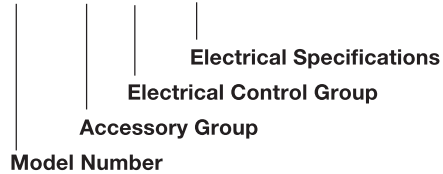
5.H.P., 3 Phase

HZ.	VOLTS	RATED AMPS
60	200-230/460	14.5/7.5
50	220-240/380-415	19.4/9.7

The slant (/) line indicates the dual voltage operation accomplished by motor lead connections; follow connecting diagram on motor.

**SAMPLE SPECIFICATION**

FD4/500 – B – 5 (230/60/3)



Cut hole 19" for 18" cone. Hole to be 16" for 15" cone.  
Solenoid must be installed in upright position.  
Disposer may be easily rotated for better drain line connection.  
Center line at wall outlet of trap should not be higher than center line of disposer discharge opening.  
If water pressure is in excess of 60 P.S.I. install a pressure reducing valve.

