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 3/8” high, 24 grinding teeth.

FLYWHEEL: Hardened, ductile steel alloy flywheel with a breaker blade is 10 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.)

Complies with ASSE 1009

ETL
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

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

- Cone 15" I.D. w/hole for water swirl inlet ..........ML-32664
- Cone 18" I.D. w/hole for water swirl inlet ..........ML-32666

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

WATER INLETS
- Cone Water Swirl Inlet ½" N.P.T. ..................... 315122
- Fixed Direction Water Inlet (for sinks or troughs) ½" N.P.T. .................. 315142

FLOW CONTROL
- 10 Gallons per minute for Model FD500 — ½" N.P.T. .... 315150

CONES COVER – STAINLESS STEEL
- 15" Cone cover w/feed hole ....ML-33268
- 18" Cone Cover w/feed hole....ML-33269

CONE FEEDING ACCESSORIES

- 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
- ¾" .................................................. 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

<table>
<thead>
<tr>
<th>Hz</th>
<th>VOLTS</th>
<th>RATED AMPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>200-230/460</td>
<td>14.5/7.5</td>
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</tbody>
</table>

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)

Electrical Specifications
Electrical Control Group
Accessory Group
Model Number

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.
FD4/500
FOODWASTE DISPOSERS

DETAILS AND DIMENSIONS

As继续 product improvement is a policy of Hobart, specifications are subject to change without notice.

FD4/500
FOODWASTE DISPOSERS

DETAILS AND DIMENSIONS

NOTE: Accessory Groups A and B – 18” Cone is Standard. Specify 15” Cone in Place of 18” Cone When Desired.

TYPICAL INSTALLATION

As continued product improvement is a policy of Hobart, specifications are subject to change without notice.