

P3-NSU GARBAGE GRINDER

Food Waste Disposal System
NSN 7320-01-110-4622

DESIGN

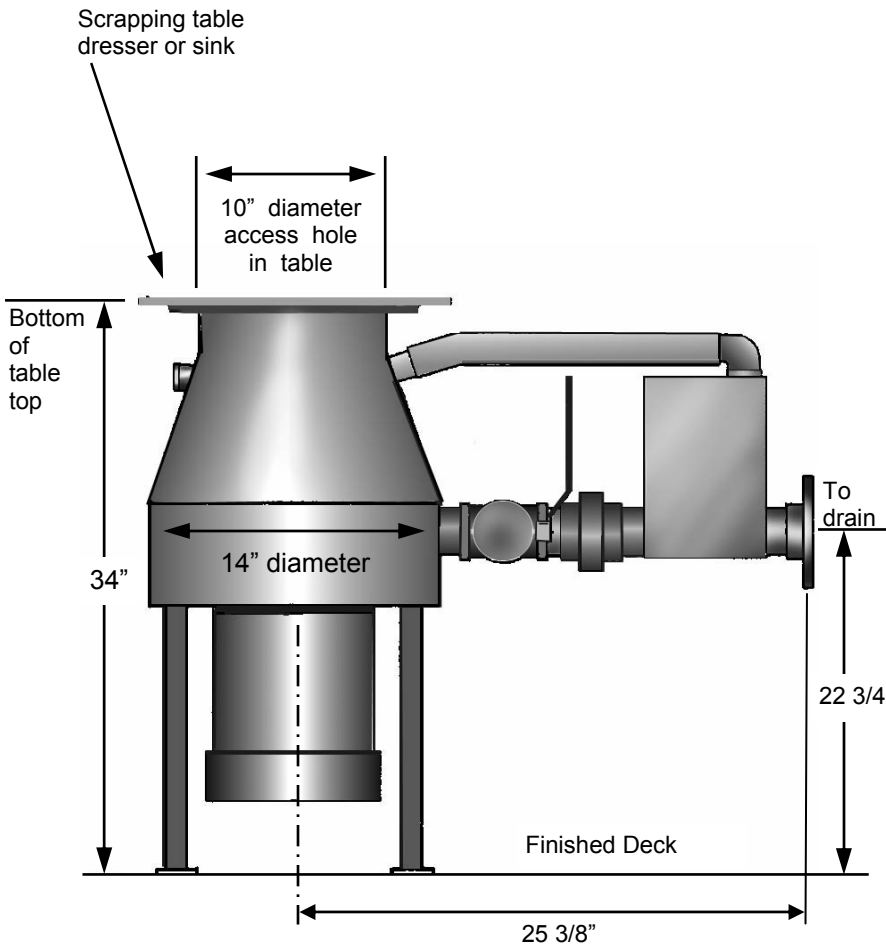
The P3-NSU waste disposal system is a self-contained system for size reduction of food wastes including table and galley scraps, paper, cardboard and assorted small bones at rates of up to 200 pounds per hour, making the waste suitable for overboard discharge in a water borne slurry.

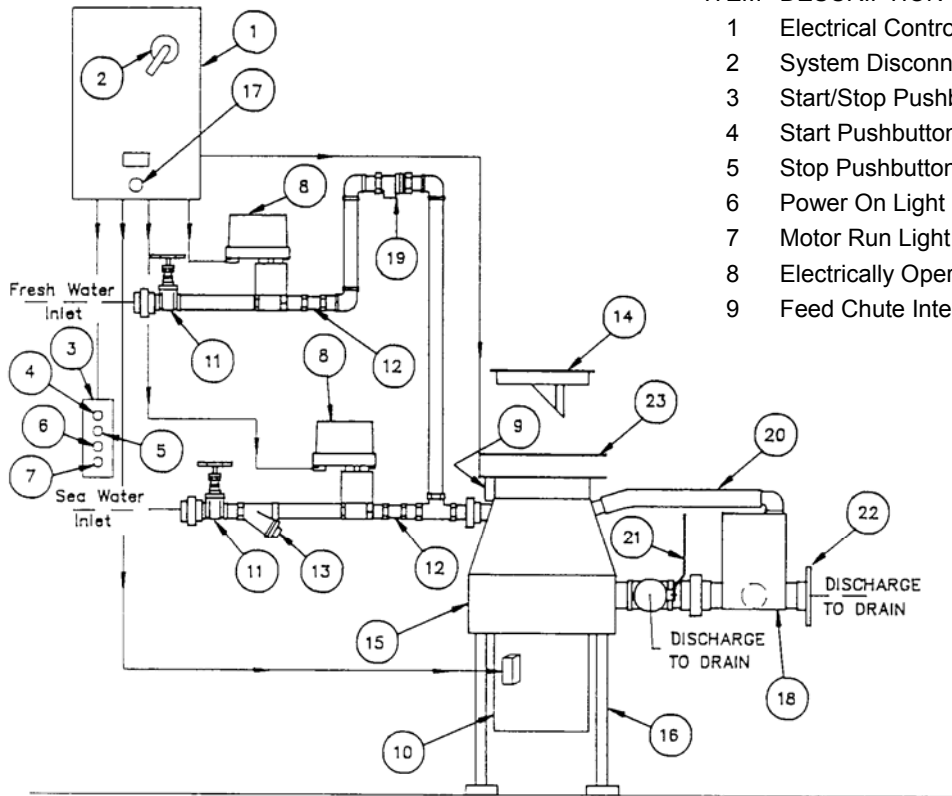
It is designed for daily use in a naval shipboard environment with a minimum of automatic controls to reduce downtime associated with the maintenance of such controls. It is designed to withstand the occasional accidental injection of hard non-pulpable objects such as silverware, glass, or small metal objects. Small non-pulpable objects that are rejected by the cutting mechanism will collect around the inside periphery of the unit for removal during manual cleaning.

The system is designed for manual feeding but must be installed under an existing "dresser table", under a new scrapping table, or under a sink.

All P3-NSU units are provided with inlet water flow regulators and valves. An outlet water dam, installed in the discharge line of the unit, maintains an optimum water level in the pulper.

Operation of the food waste disposal system is controlled through an electrical control panel and a "start/stop" push-button station.





ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	Electrical Control Panel	10	Drive Motor
2	System Disconnect Switch	11	Manual Shutoff Valve
3	Start/Stop Pushbutton Station	12	Flow Regulator
4	Start Pushbutton	13	Strainer
5	Stop Pushbutton	14	Feed Chute
6	Power On Light	15	Pulper Tank
7	Motor Run Light	16	Pulper Leg
8	Electrically Operated Valve	17	Selector Switch
9	Feed Chute Interlock Switch	18	Dam
		19	Backflow Preventer
		20	Vent Tube
		21	Drain Valve
		22	Outlet Flange
		23	Table Gasket

SPECIFICATIONS

Flush Water Characteristics:

Rated Flow— 6 gpm at 15 to 125 psi (fresh or sea water)
 Inlet Size— 3/4 inch for fresh water and sea water
 Outlet Size— 2 inch flanged outlet, MIL-F-20042, 150 series plain

Electrical Power Requirements:

Power Supply— 440 VAC, 3 PHASE, 60 HZ
 Operating Current— approximately 4.3 Amperes
 Maximum Power Demand— 15 Amperes (limited by main circuit breaker)

Motor:

3 HP, 208-203/460 Volts, 60 Cycle, 3 Phase, Totally Enclosed

Shipping Weight:

440 lbs. (approximate)
 Unit Height— adjustable up to 34" + 1"
 Unit Length— 32 3/8" overall

Equipment Supplied:

The food waste disposal system is shipped from the factory assembled and attached to a shipping pallet. Loose parts are also attached to the shipping pallet. These parts require separate mounting adjacent to the installed system and include:

- An electrical control panel.
- Valves and related controls for water supply lines.
- A remote "start/stop" pushbutton station.

Interconnecting electrical cables and external pipe and fittings are to be furnished by the installing activity.