



## Ensign 40-2

### Single Tank Counter Type Dishwasher

- Automatic, space-saving, counter type single tank dishwasher with pass-thru telescoping hood
- 0.75 gallons/rack
- Capacity is 43 (16" x 16") racks per hour or 720 dishes per hour
- No venting required
- Timed wash and rinse cycle
- Fully automatic operation with power on/off button
- Cycle starts when door is closed

#### STANDARD FEATURES

- Tank heat: electric immersion heater
- Thermometer for wash
- Thermometer for final rinse
- Vacuum breaker
- Manifold clean-out brush
- Automatic tank fill
- Low water protection
- Detergent connection provision
- Space saving compact design
- Single point electrical connection: motor, controls, tank heat.  
(Optional booster requires separate connection)
- Fully automatic operation
- Side mounted control panel (NEMA 12)
- Simplified scrap screen design
- Standard frame drip proof motor
- Door safety switch
- SureFire Start-Up and Check-Out Service

#### OPTIONS

- Stainless steel steam coil tank heat
- Pressure reduction valve and line strainer
- S/S frame
- Steam booster
- Remote electric booster
- Totally enclosed motor
- Plastic 16" x 16" rack (plate or silver)



# Additional Information

Capacity Per Hour	43 racks 720 dishes
Tank Capacity	8.1 gallons
Motor Size	1 hp (wash)
Electric Usage	1.5 kW wash tank 6 kW booster 40° rise 12 kW booster 70° rise
Full Load Amps.	16.5
Heater	1.5 kW
Steam Consumption at 20 psi min.	6 lbs./hour tank 22 lbs./hour remote booster 40° rise 38 lbs./hour remote booster 70° rise
Final Rinse Peak Flow at 20 psi min.	4.1 gallons/minute
Final Rinse Consumption at 20 psi min.	34 gallons/hour 0.75 gallons/rack
Exhaust Hood Requirement	N/A
Peak Rate Drain Flow	9 gallons/minute
Shipping Weight	400 lbs.

## SPECIFICATIONS

**CONSTRUCTION-** Hood and tank constructed of 16 gauge type 304 S/S. Hood unit of all welded seamless construction. All internal castings are non-corrosive lead free nickel alloy or bronze.

**DOORS-** Two opening operating doors. Operating doors have fingertip control, rotating on S/S bracket. Doors formed of 18 gauge S/S.

**PUMP-** Centrifugal type “packless” pump with a brass petcock drain. Construction includes ceramic seal and a balanced cast impeller on a precision ground stainless steel shaft, extension or sleeve. All working parts mounted as an assembly and removable as a unit without disturbing pump housing. One 1 hp motor, standard horizontal C-face frame, drip proof, internally cooled with ball-bearing construction.

**CONTROLS-** Side-mounted control cabinet, housing motor controls and overload protection, transformer, contactors and all dishwasher integral controls. All controls safe low voltage 24 VAC.

**SPRAY SYSTEM-** Wash and rinse spray systems made of 18-8 type 304 S/S pipe.

**WASH-** Power wash arm above with 14 high pressure action cleaning slots and a power wash arm below, with 45 nozzles. Wash arms are removable without the use of tools.

**FINAL RINSE-** 1 spray body above designed with 4 power rinse nozzles and 1 power rinse coil below designed with 6 nozzles.

**DRAIN-** Overflow assembly with skimmer is removable without use of tools for drain line inspection. Heater protected by low water level controls.

Contact Insinger Sales at 800-344-4802 for an installation drawing specific to your application.  
This drawing is available on the Insinger website at [www.insingermachine.com](http://www.insingermachine.com)

Note: Due to product improvement we reserve the right to change information and specifications without notice.

# Technical Drawing

