



Project _____
Item _____
Quantity _____
CSI - 11400 _____
Approval _____
Date _____



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)

SPECIFIER STATEMENT

Specified unit will be an Insinger Ensign 40-2 single tank counter type dishwasher. Features include thermometer for wash thermometer for final, rinse, vacuum breaker, automatic tank fill, space saving compact design, fully automatic operation, door safety switch.



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

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

Technical Drawing

