

CS-5

AUTOMATIC SINGLE TANK CHEMICAL SANITIZING DOOR TYPE DISHWASHER



DESIGN

Automatic door type, single tank dishwasher with a timed wash and rinse cycle. Fully automatic operation with power on/off button. Capacity is 60 —20" x 20" racks per hour. Cycle starts when doors are closed. Designed for straight through operation. Corner model available for right angle operation.

STANDARD EQUIPMENT

- Space saving compact design
- Door safety switch
- Detergent connection provision
- Fully automatic operation
- Single scrap screen design
- Non-proprietary commercially available pump motor
- Easily removable pump suction strainer
- Tank heat: 3KW electric immersion heater or steam injector
- SureFire™ Start-Up and Check-Out Service
- Vacuum breaker
- S/S frame, legs and feet
- S/S front panel
- Automatic tank fill
- Single point electrical connection: motor, controls, heater
- Elevated top-mounted NEMA 12 control panel
- Easily-cleaned crowned hood top
- "Easy Clean" front-mounted wash tank
- Capillary thermometer for wash
- In-line thermometer for final rinse
- Manifold cleanout brush
- Inspection door
- Low water protection
- Override switch for deliming or extended wash cycle
- Vent fan connection provision
- End caps/pipe plugs secured to prevent loss

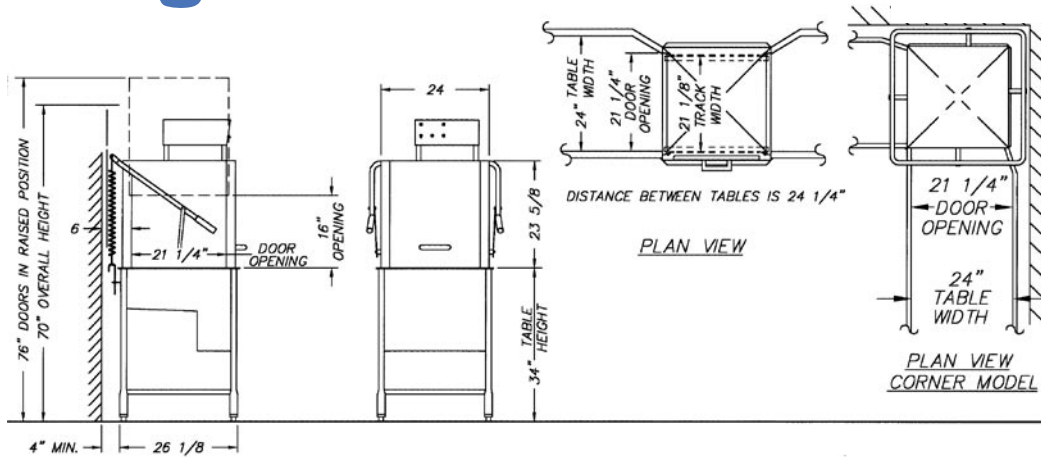
OPTIONAL ACCESSORY EQUIPMENT

- Pressure reduction valve and line strainer
- Stainless steel steam coil tank heat
- Gas tank heat
- Security package
- Totally enclosed motor
- Door activated drain closer
- Plastic 20" x 20" racks (plate or silver)



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Note: For all rough in connections see Installation and Layout Detail Drawing.

SPECIFICATIONS

CONSTRUCTION - Hood and tank constructed of 16 gauge 18-8 type 304 S/S. Hood unit of all welded seamless construction. S/S frame, legs and feet. All internal castings are lead-free nickel alloy or bronze.

DOORS - A front inspection/cleanout door and two simultaneously opening operating doors. Operating doors have fingertip control, balanced by externally mounted springs. (Corner model available with 2 doors at right angles.) Extra large die formed 18-8 type 304 S/S doors ride in all S/S channels. A triple ply leading edge on the door channels made of S/S with no plastic or nylon sleeves or liners used.

PUMP - Centrifugal type "packless" pump with a brass petcock drain. Construction includes ceramic 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 - Top-mounted control cabinet, NEMA 12 rated, 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 threaded into cast hub assemblies. Upper and lower wash and rinse spray assemblies are removable without the use of tools.

WASH - 2 power spinning wash arms above and 2 power spinning wash arms below. On top, each wash arm is designed with 8 nozzles (16 total). On the bottom, each wash arm is designed with 4 slots (8 total). The slots are precision milled for water control and produce a fan spray.

FINAL RINSE - 2 power spinning rinse arms above and 2 power spinning rinse arms below. On top, each rinse arm is designed with 2 nozzles (4 total). On the bottom, each rinse arm is designed with 4 nozzles (8 total). The nozzles produce a fan spray reducing water consumption, maximizing heat retention. The final rinse piping is chlorinate poly vinyl chloride.

DRAIN - Drain valves externally controlled. Overflow assembly with skimmer cap is removable without use of tools for drain line inspection. Heater protected by low water level control.

Capacity per hour	Tank capacity	Motor size	Electric usage	Steam consumption at 20 psi min.	Final rinse peak flow at 20 psi min.	
60 racks 1500 dishes 75-150 meals	6.4 gals.	1 hp (wash)	3 kw wash tank	11 lbs./hr tank	3.0 gals./min.	
Final rinse consumption at 20 psi	Exhaust hood requirements	Peak rate drain flow	Shipping weight	Current draw amps	Steam	Electric w/o booster
60 gals./hr. 1 gal./rack	100 CFM	9 gals./min.	400 lbs.	208/3/60..... 5.1	240/1/60..... 8.1	240/3/60..... 4.2
				380/3/60..... 2.8	460/3/60..... 2.3 13.4
					 21.9
					 11.8
					 7.4
					 5.9