

RECEIVED



Request For Variance  
State Form 81184 (12/02)  
Food Protection Program

AUG 28 2007

INDIANA STATE DEPARTMENT OF HEALTH  
Telephone: 317/233-7360 FAX: 317/233-7334

FOOD PROTECTION PROGRAM  
INDIANA STATE DEPT. OF HEALTH

1. Individual Submitting Request:  
Name: SHARON K. GUTHRIE Telephone: 812-961-3579 Date: 8/28/07  
Mailing Address: 1503-16<sup>th</sup> ST Email: sharonguthrie@jacobdiehlhouse.com  
Number & Street City State Zip Code  
BENFORD IN 47421

2. Person/Organization Seeking Variance:  
Name: JACOB DIEHL HOUSE TEA ROOM Email: sharonguthrie@jacobdiehlhouse.com  
Mailing Address: 1503 16<sup>th</sup> ST  
Number & Street City State Zip Code  
BENFORD IN 47421

3. Food Establishment(s) for Which Variance is Sought  
Include the following information for each food establishment: (List here or attach additional pages if necessary)  
• Physical Location (if different than mailing address): 1503 16<sup>th</sup> ST, Bedford IN 47421  
• Mailing Address: \_\_\_\_\_  
(Number, Street, City, State, & Zip Code)  
• Telephone Number: ( ) Fax Number: ( )  
• Person at each retail food establishment most responsible for supervising: SHARON K. GUTHRIE

4. State how the proposal varies from each rule requirement, citing relevant rule sections by number:  
(Attach additional pages if necessary)  
TITLE 410 IAC 7-24  
Sec. 284 item #2 states - Rack, dual Temp w/ Sanitize option -  
297 and 80  
The dishwasher installed is a Sears Kenmore Model # 587  
with a NSF Sanitation option, certified to meet  
National Requirements to kill 99.99% of bacteria. This  
is for a Tea Room seating 20-25 people operational 3 hours per day  
and after hours for private parties. This is in an historic

does not meet ST 288

5. Explain how the potential public health hazards and/or nuisances will be alternatively addressed by the proposal. Include supporting studies, Hazard Analysis Critical Control Point (HACCP) Plan(s), standard sanitation operating procedures, and/or any other evidence: (Attach additional pages, if necessary.)

Restaurant <sup>house</sup> and is not broken to by commercial dishwasher  
Exhibit A - Copy of Sanitize Option statements of DJW  
" B - Historic Value of Property  
" C NSF Cert.

D/W

Scott  
Sullivan -

<p><b>6. List how the proposal demonstrates the following (if applicable to the request):</b></p> <p>A) How the proposal differs from what is common and usual in similar industry situations:  <i>We are a small Tea Room not a full-service commercial Restaurant</i></p> <p>B) How the proposal is unique and not addressed in existing rules or law:  <i>We will be open for lunch (11-2) and after hours for Private Parties, i.e. Red Hot Ladies, Church Ladies, Sororities, etc. (6-9)</i></p> <p>C) How the proposal does not diminish the protection of public health:  <i>Our dish washer is NSF (National Sanitization Foundation) Compliant certified 99.9% Bacteria free, Reaches 155° with water entering machine @ 130°.</i></p> <p>D) How the proposal is based on new scientific or technological principle(s):  <i>See: Exhibits A, C</i></p> <p>E) How the implementation of the variance would be practical:  <i>See: Exhibit B</i></p>	
<p><b>7. Explain how the person/organization seeking the variance will assure that all provisions of a granted variance will be enacted at each food establishment for which a variance has been granted:</b></p> <p><i>By maintaining the equipment and periodic Testing of the water temperature.</i></p> <p><i>Note:</i>  <i>I am a recovering cancer patient and I am very aware of the need for sanitization <u>without</u> chemicals and I will meet those needs. See Exhibit F</i></p>	
<p><b>8. List all affected parties known by the person/organization seeking a variance, including all affected regulatory authorities: (Attach additional pages if necessary)</b></p> <p><i>SHARON K. GUTHRIE, OWNER/Manager</i></p> <p><i>JACOB DIEHL HOUSE TEAROOM</i></p>	
<p><b>9. Attach copies of any related variances, waivers or opinions issued by other governmental agencies.</b> <i>Exhibits A, B, C</i></p>	<p><b>For Office Use Only</b></p>
<p><b>10. Signature of Individual Making Request:</b> <i>Sharon K. Guthrie</i>  Printed Name, Title: <i>SHARON K. GUTHRIE, OWNER/Mgr.</i></p>	

# Operating Instructions (continued)

EXHIBIT A

## Sanitize Option

To sanitize your dishes and glassware, select the SANITIZE option. When selected, the light above the pad will come on and remain on until end of cycle. The water temperature in the final rinse will be raised to 155°F (68°C) and will maintain that temperature for 9 minutes. This option is available in HEAVY, NORMAL and LIGHT WASH cycles. Only these sanitization cycles have been designed to meet NSF requirements.

The cycle time will be extended until the proper water temperature is reached. Washing action will continue during the water heating delay. For best results, the incoming water temperature should be at least 120°F (49°C).

MINE IS 130°

The sanitize criteria may not be satisfied if there is an interruption of the cycle, power failure or if the incoming water temperature is below 120°F (49°C).

To turn off the SANITIZE option, press the pad a second time. The light above the pad will turn off.

## To Cancel a Cycle

You can cancel a cycle anytime during the cycle. Press START/CANCEL pad and the dishwasher will start a 90 second drain. At the end of the drain, select the desired cycle.

## Delay Start

The DELAY START option allows you to automatically delay starting your dishwasher from 2-4 or 2-4-6 hours depending on your model.

On models with 2-4-6 hour delay, press the pad once for a 2 hour delay, twice for 4 hours and three times for 6 hours. A light will come on indicating the delay start hours and will remain on until cycle starts.

To cancel the DELAY START option and begin a cycle before the delay period is over, press the START/CANCEL pad.

## Child Lock Controls

To prevent children from accidentally changing the dishwasher cycle or starting the dishwasher, press and hold the DRY pad for 3 seconds while the door is closed. An indicator light on the lock graphic pad will come on when the controls are locked and no new cycles can be made until the lock is released. To cancel the lock controls, press the HEAT DRY pad until the indicator light goes out.

National Sanitation Foundation Certified 99.9% bacteria

\* My machine holds 155° for 9 minutes after wash rinse - Total time 1hr. 45 min.

\* Commercial Machine holds for the entire wash cycle (wash, rinse, sanitize) for 3.16 minutes!

Taper

3.16 minutes! last page.

My QUESTION: How can a dishwasher clean, rinse, sanitize in 3.16 minutes better than clean, rinse, sanitize for ONE HOUR and 45 minutes? Especially with only 5° lesser temperature?

See EXHIBIT F

# Operating Instructions (continued)

EXHIBIT B

## Wash Cycle Selections

Note: Cycle times are approximate and will vary with options selected. Not all cycles available on all models.

Cycle	Description	Cycle Chart			Washes/Rinses
		To Select Cycle	Water (approx.)	Time* (approx.)	
Heavy Wash	For heavily soiled dishes and silverware.	• Turn dial to HEAVY WASH. • Select desired OPTIONS.	8.5 gal. 32.2 liters	1 3/4 hrs.	2 washes 5 rinses
Normal Wash	For regularly soiled dishes and silverware.	• Turn dial to NORMAL WASH. • Select desired options.	6.1 to 8.4 gal. 23.1 to 31.8 liters	1 1/2 hrs.	2 washes 3 rinses
Light Wash	For lightly soiled or pre-rinsed dishes and silverware.	• Turn dial to LIGHT WASH. • Select desired options.	4.9 gal. 18.6 liters	1 1/4 hrs.	2 wash 2 rinses
Upper Rack	For glasses and other lightly soiled items.	• Turn dial to UPPER RACK. • Select desired options.	3.7 gal. 14.0 liters	1 hrs.	2 wash 1 rinses
Quick Rinse	For rinsing dishes that will be washed later.	• DO NOT USE detergent. • Turn dial to QUICK RINSE. • Select HEAT DRY OFF.	2.4 gal. 9.1 liters	1/4 hrs.	2 rinse

\* Includes dry time

You can see why this machine REALLY CLEANS and sanitizes even <sup>???</sup> if the water temperature is 5° lower than State Requirements. By BRENDA Cummins own INSPECTION it Reached 173°. This Machine is NFS APPROVED just like commercial ones. If this isn't good enough for [The Public] why is it OK for home use. IS 99.9% germ free good enough?? I DON'T UNDERSTAND!!

Home > Regulatory > About Regulatory

EXHIBIT C  
NSF ACCREDITATION

## Accreditations



Accreditations are important to an organization such as NSF International, as they attest to the competency of the services being provided and compliance with established national and international standards for third-party certification.

NSF is accredited by ANSI, IAS, NELAC, and OSHA in the US and the Standard Council of Canada (SCC) in Canada. These accreditations attest to the competency of services provided by NSF and compliance with established national and international standards for third-party certification. Furthermore, our laboratories in Ann Arbor are certified for drinking water analyses by thirteen states. Please visit the accreditation body websites for specific information about NSF's accreditations.

A complete list of all accreditations, certifications and approvals are listed below.

### Third-Party Accreditations:

- [American National Standards Institute \(ANSI\)](#)
- [International Accreditation Service \(IAS\)](#)
- [National Environmental Laboratory Accreditation Cooperation \(NELAC\)](#)
- [Occupational Safety and Health Administration \(OSHA\)](#)
- [Standard Council of Canada \(SCC\)](#)

### USA State Laboratory Drinking Water Certifications:

- Arizona
- California
- Connecticut
- Florida
- Hawaii
- Indiana
- Maryland
- Michigan
- Nevada
- New Jersey
- [New York](#)
- Pennsylvania
- South Carolina

### Other Prominent Approvals:

- [American Society of Sanitary Engineering \(ASSE\)](#)
- [Board of Building Standards \(BBS - State of Ohio\)](#)

EXHIBIT F



JUL 20,2007

QUOTE

Page 1 of 2  
GUTHRIE

Project:  
JACOB DIEHL HOUSE

ATTN: SHARON GUTHRIE

(812) 961-3579

From:

To:

Donna Starcevic  
Valiant Equipment  
10 Aviator Way  
donna@valiantequipment.com  
Ormond Beach, FL 32174  
(386) 677-9316 Fax: (386) 673-5356

All prices include freight to destination. Residential delivery, inside delivery, or lift gate service not included. Orders paid by credit card may be subject to 3% processing fee. Please call customer service for more information.

Item	Qty	Description	Sell Each	Sell Total
1	1 ea	DISHWASHER, UNDERCOUNTER Jackson MSC Model No. AVENGER HT Avenger™ Dishwasher, Undercounter, high temperature w/built in 70° rise booster heater, approx. 24 racks/hr. capacity, 1.1 gal of water per rack, auto fill, s/s wash pump, cabinet base w/stainless steel finish	4,187.52	4,187.52
	1	1 yr. parts & labor warranty, continental USA, Hawaii & Canada (std)		
	1	Voltage to be verified with jobsite		
2	1 ea	DISHWASHER, UNDERCOUNTER Hobart Model No. LXIH-4 Undercounter Dishwasher, Hot Water Sanitation, 30 Racks/Hour, Fresh Water Rinse, Delime Notification, Service Diagnostics, With 70 Deg. Booster Heater & Pump Capability, Detergent & Rinse Aid Pumps, 120/208 -240(3W)/60/1	4,951.10	4,951.10

Valiant Equipment

JUL 20,2007

**JACOB DIEHL HOUSE**

Page 2 of 2

GUTHRIE

Item	Qty	Description	Sell Each	Sell Total
	1	1-Yr. parts, labor & travel time during normal working hrs		
3	1 ea	DISHWASHER, UNDERCOUNTER Hobart Model No. SR24H-4 Undercounter Dishwasher, Hot Water Sanitization, 19 Racks/Hr, One Touch Controls, Rack Guides, Detergent Pump, 7 KW Built-In Booster, All S/S Construction, 120/208(3W)/60/1	3,782.80	3,782.80
	1	1-Yr. parts, labor & travel time during normal working hrs		
			Total	12,921.42
			Grand Total	12,921.42

A (1 1/2 %) per month late payment fee will be assessed for each month or partial month when 30 day terms are exceeded.

All legal fees or collection fee's incurred in any collection proceedings to collect full payment of this invoice will be paid by buyer.

Refused shipments or returned items are subject to a 20% restocking fee.

Accepted By: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Valiant Equipment**



# Avenger™ HT

Project \_\_\_\_\_  
 Item \_\_\_\_\_  
 Quantity \_\_\_\_\_  
 CSI Section 11400 \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Date \_\_\_\_\_

### Models

- Avenger™ HT



### Standard Features

- Automatic fill
- Push button start
- Labyrinth type door design
- Automatic pumped drain for floor and wall drain installations
- Pre-installed water pressure regulator
- Stainless steel wash pump
- Electro mechanical components
- Manual override for extended wash and delimiting
- Simplified controls allow easy access for operation and service
- Door safety switch
- Pumped drain
- One (1) each peg and combination rack included
- Above water scrap tray
- Built-in detergent and rinse pump

### Mandatory Specs

- Specify voltage

### Optional Features

- Scaltrol
- Water Hammer Arrestor
- Back Panel

### Accessory Items

- 36 Compartment Racks 4-1/8", 5-5/8", or 7" (105 mm, 143 mm, 178 mm)
- Combination Rack
- Peg Rack
- Machine stand 6" or 18" high (152 mm or 457 mm)

### Specifications

Uses 1.1 gallons (4.2 liters) of water per rack

Uses 26.4 gallons (99.9 liters) of water per hour

Cleans 24 racks per hour

Two minute automatic cycle

Powerful 3/4 HP wash pump motor

Built-in 70°F (21.1°C) rise booster heater maintains wash tank temperature and heats incoming water to 180°F to 195°F (82.2°C to 90.6°C)

Fresh water rinse eliminates wash water contamination

Air insulated between body and stainless steel housing

Sani-Sure™ feature assures proper rinse water temperature

304 stainless steel construction

Unique timer allows the machine to be customized for extended cycle times



Highway 25E  
 P. O. Box 1060  
 Barbourville, KY 40906

Tel: 606-523-9795  
 Tel: 1-888-800-5672  
 Fax: 606-523-9196  
 E-mail: info@jacksonmsc.com

www.jacksonmsc.com  
 7610-003-34-02 (04/07)



# Jackson Avenger™ HT

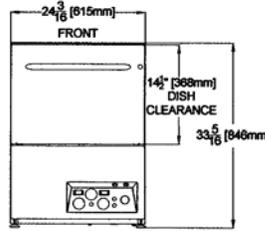
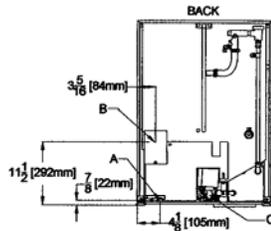
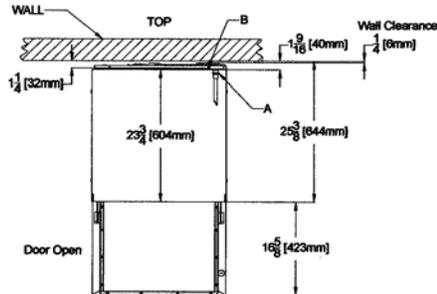
**LEGEND:**

A - Water Inlet - 1/2" Female Pipe Thread, 2 1/2" AFF (Connect to a true 1/2" ID water line)

B - Electrical Connection

C - Drain Connection - 10' coiled drain hose. Shipped inside machine. Must be installed no more than 24" AFF.

All dimensions from floor can be increased 1" with adjustable feet supplied.



MACHINE DIMENSIONS				
INSIDE CLEARANCE HEIGHT	INSIDE CLEARANCE WIDTH	INSIDE CLEARANCE DEPTH	DOOR OPEN DEPTH	WALL CLEARANCE (MINIMUM)
14-1/2 (368 mm)	20" (508 mm)	20" (508 mm)	42" (1067 mm)	1/4" (6 mm)

SHIPPING DIMENSIONS					
WEIGHT	CLASS	CUBE	HEIGHT	WIDTH	DEPTH
248 lbs (112kg)	92.5	19.8 cu. ft.	38" (965 mm)	30" (762 mm)	30" (762 mm)

APPROXIMATE TOTAL LOAD AMPS	
208/60/1	46.0
230/60/1	50.0

OPERATING CAPACITY	
Racks per hour	24
Dishes per hour	600
Glasses per hour	600

ELECTRICAL REQUIREMENTS	
Wash pump HP	3/4

OPERATING CYCLE	
Wash cycle (Seconds)	82
Drain time (Seconds)	28
Rinse time (Seconds)	10
Total cycle (Seconds)	120

WATER REQUIREMENTS	
Gallons per rack	1.1 gal 4.2 liters
Gallons per hour	26.4 gal 99.9 liters
Flow pressure (PSI)	15 - 25
Waterline size (IPS)	1/2
Drainline size OD	1 3/8

OPERATING TEMPERATURES	
Wash	150° F / 65.6° C
Rinse	180° F / 82.2° C

HOW TO SPECIFY - EXAMPLE:  
Avenger™ HT

Highway 25E  
P. O. Box 1060  
Barbourville, KY 40906

Tel: 606-523-9795  
Tel: 1-888-800-5672  
Fax: 606-523-9196  
E-mail: info@jacksonmsc.com

www.jacksonmsc.com  
7610-003-34-02 (04/07)

We reserve the right to change specifications appearing in this bulletin without incurring any obligation for equipment previously or subsequently sold.

Item # \_\_\_\_\_

Quantity \_\_\_\_\_

C.S.I. Section 11400

**HOBART**701 S Ridge Avenue, Troy, OH 45374  
1-888-4HOBART • www.hobartcorp.com**LXi  
DISHMACHINE****HOBART****STANDARD FEATURES**

- 30 racks per hour
- .74 gallons of water per rack
- Hot water or chemical sanitation units available
- Low chemical alert indicator (on machines ordered with pumps, standard on chemical machine)
- Sense-A-Temp™ booster heater capable of 70° rise, provided on LXIH models
- Delime notification with cycle
- Chemical pump "auto-prime"
- Service diagnostics
- 16 gauge stainless steel tank
- Microcomputer, top mounted controls with digital cycle/temperature display
- Revolving upper and lower anti-clogging wash arms
- Revolving upper and lower rinse arms
- Removable stainless steel scrap screen
- Corrosion resistant pump
- Automatic pumped drain
- 17" door opening
- Automatic fill
- Labyrinth-type door seal
- Electric tank heat
- Two dishracks – one peg and one combination-type

**STANDARD VOLTAGES**

- 120/60/1 (LXiC model only)
- 120/208-240(3W)/60/1

**OPTIONS AT EXTRA COST**

- 208-240(2W)/60/1
- Detergent and rinse aid pumps

**ACCESSORIES**

- Power cord kits
- Stainless steel base with 6" legs
- 17" stainless steel stand
- Pressure regulator valve
- Trim kit, top cover
- Rolled top, dish rack holder
- DWT1 drain water tempering kit

Specifications, Details and Dimensions on Inside and Back.

**LXi DISHMACHINE**

# LXi DISHMACHINE

701 S Ridge Avenue, Troy, OH 45374  
1-888-4HOBART • www.hobartcorp.com

**WARNING:**

REQUIRED FLOWING WATER PRESSURE TO THE DISHMACHINE IS 20 ± 5 PSIG. IF PRESSURES HIGHER THAN 25 PSIG ARE PRESENT, A PRESSURE REGULATING VALVE MUST BE INSTALLED IN THE WATER LINE TO THE DISHMACHINE (BY OTHERS).

IMPORTANT: THE SODIUM HYPOCHLORITE (LIQUID BLEACH) CONTAINER SHOULD BE PLACED NO HIGHER THAN 10" ABOVE FLOOR. IF BLEACH CONTAINER IS TO BE PLACED IN CABINET ADJACENT TO MACHINE, A 1/2" DIA. HOLE IS REQUIRED IN THE CABINET TO RUN BLEACH SUPPLY LINE.

USE ONLY 6% SODIUM HYPOCHLORITE (LIQUID BLEACH) AS SANITIZING CHEMICAL TO INSURE PROPER OPERATION OF DISHMACHINE. IF 8.4% IS TO BE UTILIZED CONTACT HOBART SERVICE TO CHANGE THE SANITIZER PUMP SETTINGS.

DO NOT PRE-MIX RINSE AGENT AND SODIUM HYPOCHLORITE (LIQUID BLEACH).

CERTAIN MATERIALS INCLUDING SILVER PLATE, ALUMINUM AND PEWTER ARE ATTACKED BY SODIUM HYPOCHLORITE (LIQUID BLEACH). SEE INSTRUCTIONAL MANUAL.

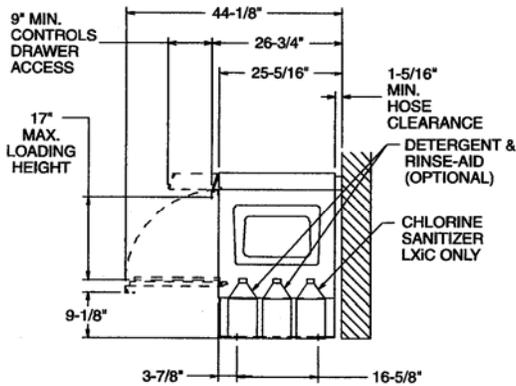
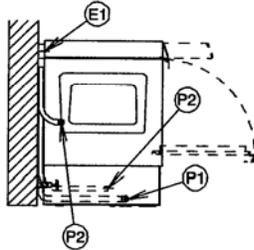
STEAM GENERATED FROM NORMAL OPERATION MAY ESCAPE FROM THE DOOR. WOOD LAMINATE, VENEERS, ETC. ARE UNSUITABLE MATERIALS FOR USE IN AREAS EXPOSED TO DISHWASHER STEAM AND DETERGENTS. STAINLESS STEEL OR OTHER MOISTURE-RESISTANT SHIELDS ARE RECOMMENDED FOR SURFACES ADJACENT TO LXI SIDES AND TOP.

**NOTES:**

1. ALL VERTICAL MACHINE DIMENSIONS TAKEN FROM FLOOR MAY BE INCREASED BY 1".
2. MOIST AIR ESCAPES FROM THE DOOR. USE ONLY MOISTURE RESISTANT MATERIALS ADJACENT TO LXI SIDES AND TOP.
3. A VENT HOOD IS NOT RECOMMENDED ABOVE THE LXI UNDERCOUNTER DISHWASHER SINCE IT DOES NOT PRODUCE EXCESSIVE VAPORS

**PLUMBING NOTES:**

1. WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN COMMON WATER SUPPLY LINE AT SERVICE CONNECTION.
  2. RECOMMENDED WATER HARDNESS TO BE 4-6 GRAINS FOR BEST RESULTS.
  3. MINIMUM WATER CONDUCTIVITY REQUIRED - 30 MICROMHOS/CM.
- ⚠️ IF DRAIN HOSE IS LOOPED ABOVE A SINK, THE LOOP MUST NOT EXCEED 38" AFF.



MACHINE TYPE & SPECIFICATION	RATED AMPS	MIN SUPPLY CKT CONDUCT AMPACITY	MAX PROTECTIVE DEVICES
LXIC (120/60/1) USE 90°C STRANDED COPPER WIRE ONLY.	15.4	20	20
LXIC (120/208-240(3W)/60/1) LXIC (208-240/60/1) USE 90°C STRANDED COPPER WIRE ONLY.	13.6	20	20
LXIH (120/208-240(3W)/60/1) LXIH (208-240/60/1) USE 90°C STRANDED COPPER WIRE ONLY.	37.7	50	50
ELECTRICAL OPTIONS BELOW ARE NON STANDARD VOLTAGES AVAILABLE AT EXTRA COST. CONSULT FACTORY FOR PRICING AND LEAD TIME.			
LXIH 208-240/60/3	29.5	35	35
480/60/3	14.8	20	20
220-240/50/1	38.1	50	50
380-400/60/3	17.1	25	25

**CONNECTION INFORMATION**  
(AFF = ABOVE FINISHED FLOOR)

**LEGEND**

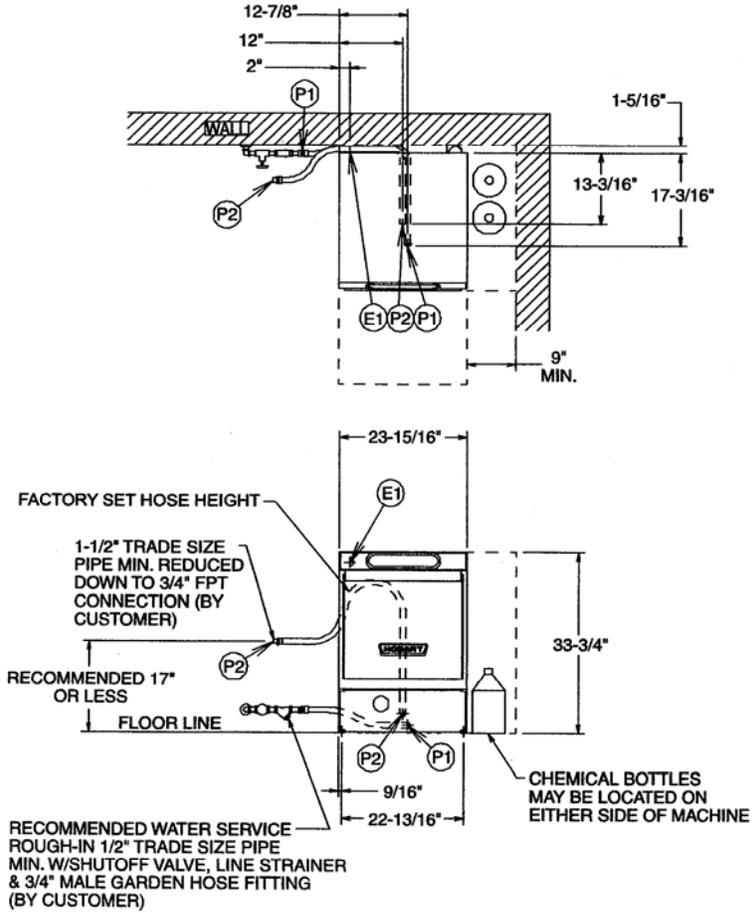
- E1 ELECTRICAL CONNECTION: 1-3/8" DIA. HOLE FOR 1" TRADE SIZE CONDUIT; 31-3/4" AFF.
- P1 SINGLE FILL AND RINSE CONNECTION: 3/4" FEMALE GARDEN HOSE FITTING ON 6" LONG HOSE SUPPLIED WITH MACHINE; 140°F WATER MIN. FOR LXIC, 110°F WATER MIN. FOR LXIH, 1-1/2" AFF.
- P2 DRAIN CONNECTION: 3/4" MPT FITTING WITH 6" LONG HOSE SUPPLIED WITH MACHINE; 3-9/16" AFF.

**HOBART**

701 S Ridge Avenue, Troy, OH 45374  
1-888-4HOBART • www.hobartcorp.com

**LXi**

**DISHMACHINE**



\* THIS SYSTEM REQUIRES THREE POWER WIRES WHICH INCLUDES A CURRENT CARRYING NEUTRAL, AN ADDITIONAL FOURTH WIRE MUST BE PROVIDED FOR MACHINE GROUND.

ACCESSORY CORD KITS AVAILABLE FOR ALL MACHINES

SHIPPING WEIGHTS (LBS)	LXIC	LXIH
NET WEIGHT OF MACHINE	190 lbs.	210 lbs.
DOMESTIC SHIPPING WEIGHT	235 lbs.	255 lbs.

**WARNING**  
ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER LOCAL ELECTRICAL CODES.  
PLUMBING CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY AND PLUMBING CODES. DRAIN AND FILL LINE CONFIGURATIONS VARY, SOME METHODS ARE SHOWN ON THIS DRAWING.

MODELS:  
LXIC, LXIH  
892882

## LXi DISHMACHINE

**HOBART**

 701 S Ridge Avenue, Troy, OH 45374  
 1-888-4HOBART • www.hobartcorp.com

### SPECIFICATIONS

**DESIGN:** Front opening, equipped for installation of both freestanding and undercounter-type operations.

**CONSTRUCTION:** 304 series stainless steel tank, door and top panel.

**PUMP:** Centrifugal-type, integral with motor, horizontally mounted. Pump capacity 54 gpm.

**MOTOR:** Single phase, split-phase type, furnished for 120/60/1 or 208-240/60/1 electrical specification. Factory sealed lubrication. Inherent overload protection with auto reset. Also available with three phase motors at extra cost.

**WASH AND RINSE CYCLE:** Complete automatic type, controlled by solid-state electronics. Cycle may be interrupted any time by opening door. Cycle continues when door is closed.

- Initial cycle fills wash tank, to be recirculated each wash cycle. Some wash water is drained off before rinse cycle. Rinse cycle refreshes wash water and tank heat.

### RINSE AND SANITATION:

- LXiH:** Sanitation is accomplished by means of a built-in booster heater designed to raise temperature of water to a minimum of 180°F from an incoming water temperature of 110°F.

- LXiC:** Sanitation is accomplished by injection of proper amount of sodium hypochlorite solution (liquid bleach) into final rinse water to achieve a minimum of 50PPM sanitizing solution. Injection of sodium hypochlorite is accomplished by a built-in sanitizing chemical pump.

**PUMPED DRAIN:** Machine automatically drains water through a built-in pump. Maximum 38" drain height permitted.

**RACKING:** Machines accommodate racks from 10" x 20" to 20" x 20". Also accepts 16" x 18" cafeteria trays.

**CAUTION:** Certain materials, including silver, aluminum and pewter are attacked by Sodium Hypochlorite solution in the chemical sanitizing mode of operation.

**SPECIFICATIONS:** Listed by Underwriters Laboratories Inc. and NSF International.

MACHINE RATINGS	LXiC	LXiH
Racks per Hour Rate	30	
Dishes per Hour (25 per Rack Avg.)	750	
Glasses per Hour (36 per Rack Avg.)	1080	
Controls	Microcomputer	
Tank Capacity - Gallons	3	
Overall Dimensions - H x W x D	33 $\frac{3}{4}$ " x 23 $\frac{1}{16}$ " x 26 $\frac{3}{4}$ "	
Cycle Time - Minutes	2	
Tank Heat	1.5 KW	
Electric Booster Heater	N/A	6 KW
Water Usage Per Rack - Gallons	.74	
Drain Design	Pumped	
Door Opening Height	17"	
Chemical Connection Capability	Standard	
Detergent Pump	Optional	
Rinse-Aid Pump	Optional (W/Det Pump)	
Sanitizer Pump	Standard	N/A
Chemical Prime (auto prime)	Standard	
Peak Drain Flow - GPM	4	
Service Diagnostics	Standard	
70° Rise Sense-A-Temp™ Booster Heater	N/A	Standard

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

Item # \_\_\_\_\_

Quantity \_\_\_\_\_

C.S.I. Section 11400

**HOBART**701 S Ridge Avenue, Troy, OH 45374  
1-888-4HOBART • www.hobartcorp.com**SR24  
DISHMACHINE****HOBART****STANDARD FEATURES**

- SR24H - 19 racks per hour;  
SR24C - 14 racks per hour
- Hot water or chemical sanitizing
- 70°F rise booster heater on SR24H
- 16 gauge stainless steel tank bottom with 18 gauge stainless steel base, chamber and door
- Pumped final rinse
- Stainless steel lower front panel
- SR24H - 2.8 gallons per rack  
SR24C - 2.4 gallons per rack
- Cord and plug (SR24C model)
- Revolving upper and lower anti-clogging wash/rinse arms
- Removable stainless steel scrap screen
- Automatic fill with flow regulator on fill line
- Corrosion resistant pump
- Flexible fill and drain hoses supplied
- Automatic pumped drain
- 16<sup>5/8</sup>" high door opening
- Two dishracks – one peg and one combination

**STANDARD VOLTAGES**

- 120/60/1 (SR24C model only)
- 120/208(3W)/60/1 (SR24H model only)
- 120/240(3W)/60/1 (SR24H model only)

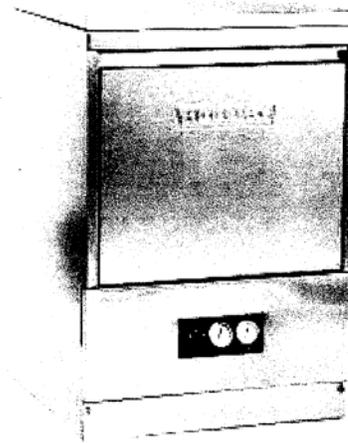
**OPTIONS AND ACCESSORIES  
AT EXTRA COST**

- Detergent pump
- Rinse agent pump (field installed)
- Stainless steel top and side panels
- Stainless steel base with 6" legs
- 17" stainless steel stand
- Pressure regulator valve

**MODELS**

- SR24H – High Temperature Sanitizing
- SR24C – Chemical Sanitizing

Specifications, Details and Dimensions on Inside and Back.



**Model SR24H**  
Built in Booster 180°F Rinse  
(Shown with optional side and top panels)

**SR24 DISHMACHINE**

# SR24 DISHMACHINE

**HOBART**

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## DETAILS AND DIMENSIONS

### WARNING:

REQUIRED FLOWING WATER PRESSURE TO THE DISHWASHER IS TO BE 20 PSI. IF FLOW PRESSURE IS BELOW 25 PSI, REMOVE THE FLOW REGULATOR AND REPLACE IT WITH A PIPE COUPLING (NOT SUPPLIED), OR THE SUPPLY LINE PRESSURE MUST BE INCREASED. IF FLOW PRESSURE IS BETWEEN 25 AND 30 PSI, USE THE FACTORY SUPPLIED FLOW REGULATOR. IF FLOW PRESSURE IS ABOVE 30 PSI, A PRESSURE REDUCING VALVE (NOT SUPPLIED) MUST BE INSTALLED IN THE LINE.

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER LOCAL ELECTRICAL CODES.

PLUMBING CONNECTIONS MUST COMPLY WITH THE APPLICABLE SANITARY, SAFETY AND PLUMBING CODES.

### SR24C:

USE ONLY 5.25% OR 8.4% SODIUM HYPOCHLORITE (LIQUID BLEACH) AS SANITIZING CHEMICAL TO ENSURE PROPER OPERATION OF DISHWASHER.

DO NOT PRE-MIX WETTING AGENT AND SODIUM HYPOCHLORITE (LIQUID BLEACH).

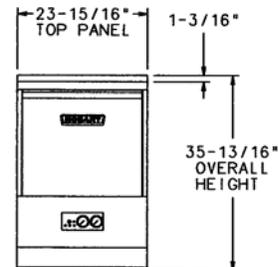
CERTAIN METALS INCLUDING SILVER PLATE, ALUMINUM, AND PEWTER ARE ATTACKED BY SODIUM HYPOCHLORITE (LIQUID BLEACH). SEE INSTRUCTION MANUAL.

### DIMENSIONS WITH TOP & SIDE PANELS

NOTES: 1. ALL DIMENSIONS TAKEN FROM FLOOR MAY BE INCREASED OR DECREASED BY 1/2" WITH FOOT ADJUSTMENT.

#### SR24C:

- IMPORTANT: THE SODIUM HYPOCHLORITE (LIQUID BLEACH) CONTAINER SHOULD BE PLACED ON FLOOR.
- IF SODIUM HYPOCHLORITE (LIQUID BLEACH) CONTAINER IS TO BE PLACED IN CABINET ADJACENT TO MACHINE, A 1/2" DIA. HOLE IS REQUIRED IN THE CABINET TO RUN BLEACH SUPPLY LINE.



LEGEND: SINGLE FILL AND RINSE PIPE CONNECTION: 3/4" FEMALE GARDEN HOSE FITTING ON 6' LONG HOSE SUPPLIED. SUPPLY WATER TEMPERATURE MUST BE A MIN. 120°F FOR SR24C  
110°F FOR SR24H

(P1)

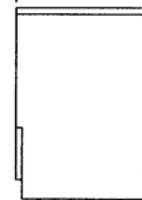
(P2) DRAIN CONNECTION: 3/4" MPT FITTING WITH 10' HOSE SUPPLIED.

(P2)

(E1) ELECTRICAL CONNECTION: SR24C: CORD AND PLUG SUPPLIED. SR24H: 3/4" ELECTRICAL CONNECTOR (1-1/8" DIA. HOLE) TO BE LOCATED 4" ABOVE FINISHED FLOOR.

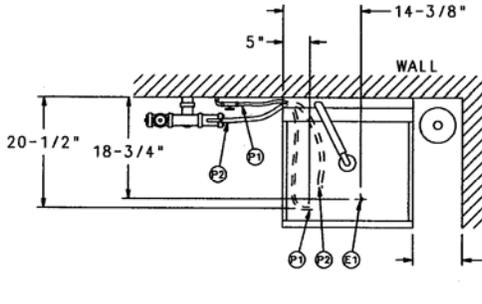
(E1)

23-7/8" TOP PANEL



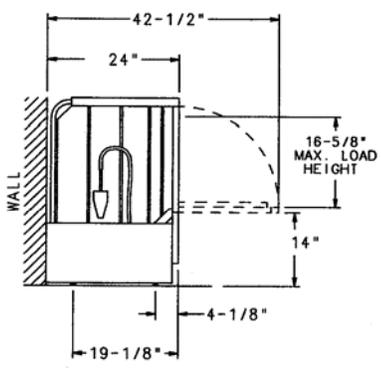
	<h2 style="margin: 0;">SR24</h2> <h2 style="margin: 0;">DISHMACHINE</h2>
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MODEL	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM TIME DELAY FUSE	SPECIFICATIONS
SR24C	9.0	15	15	120/60/1
SR24H	37.6	50	50	* 120/208(3W)/60/1
SR24H	37.6	50	50	* 120/240(3W)/60/1

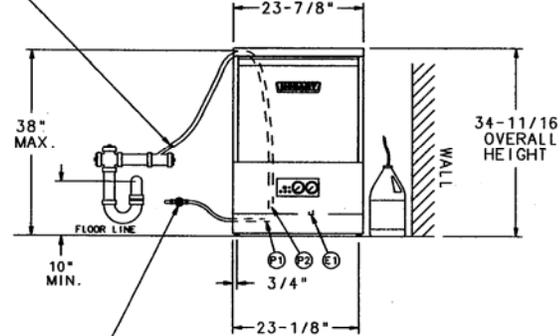


\* THESE ARE 3 WIRE SYSTEMS THAT REQUIRE (3) #8AWG COPPER WIRES (90°C) INCLUDING A CURRENT CARRYING NEUTRAL. IN ADDITION, A FOURTH WIRE MUST BE PROVIDED FOR MACHINE GROUND. DO NOT CONNECT THESE MACHINES TO A 120 VAC CIRCUIT.

DISHWASHER WEIGHTS - lbs.		
MODEL	SHIPPING WEIGHT	NET WEIGHT
SR24C	155	135
SR24H	166	146



RECOMMENDED ROUGH-IN DRAIN LOCATION. 1-1/2" TRADE SIZE PIPE MIN. REDUCED DOWN TO 3/4" FPT CONNECTION (BY CUSTOMER).



RECOMMENDED WATER SERVICE ROUGH-IN. 1/2" TRADE SIZE PIPE MIN. W/SHUTOFF VALVE, AND 3/4" MALE GARDEN HOSE FITTING (BY CUSTOMER).

INSTALLATION REQUIREMENTS AND INSTRUCTIONS
1. A single fill and rinse pipe connection is required. 6' flex hose supplied.
2. The electrical connection location for a 3/4" electrical connector (1 1/2" diameter hole) is provided for the SR24H model only.
3. The required electrical cord and plug are supplied on the SR24C model only.
4. <b>Important:</b> The sodium hypochlorite container should be placed on the floor (SR24C model only).
5. If the sodium hypochlorite container is to be placed in a cabinet adjacent to the machine, a 1/2" diameter hole is required in the cabinet to run the bleach supply line through.
6. Pumped drain 3/4" MPT fitting 10' hose supplied.
7. A supply line strainer is required. (By others)
8. A flow regulator is supplied. If water flowing pressure is under 25 psi, remove the regulator. If water flowing pressure is over 30 psi, install a PRV (not supplied).

## SR24 DISHMACHINE

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### SPECIFICATIONS

**DESIGN:** Front opening, equipped with stainless steel front. **Freestanding Models** – Top and side panels are optional. **Undercounter Models** – Not equipped with side or top panels. Adjustable feet lower overall height to 34" minimum and raise it to 35½" maximum.

**CONSTRUCTION:** 16 gauge stainless steel tank bottom with 18 gauge stainless steel base, chamber and door.

**PUMP:** Centrifugal-type, integral with motor, vertically mounted. Pump capacity is 45 U.S. gallons per minute.

**MOTOR:** Built to Hobart specifications, ½ H.P., single phase, furnished for 120/60/1, 120/208(3W)/60/1 or 120/240(3W)/60/1 electrical specification. Factory sealed lubrication.

**RACKING:** Will accommodate most racks from 10" x 20" (half racks) to 20" x 20". Will also accept 16" x 18" cafeteria trays.

**WASH AND RINSE CYCLE:** Completely automatic, controlled by an electrically energized synchronous timer. Closing the door actuates the operating cycle. When the amber cycle light goes out, the operating cycle is complete (185 seconds for the SR24H models and 215 seconds for the SR24C model). The cycle may be interrupted at any time by opening the door. Cycle continues when the door is closed.

**WASH:** Revolving upper and lower hydrosweep wash arms with unrestricted openings provide thorough distribution of water and are easily removed for cleaning. Uses a single water fill connection.

#### RINSE AND SANITATION:

**SR24H Model** – Sanitation accomplished by means of a built-in 7 kW electric booster (with stainless steel tank) designed to raise the water to 180°F (based on incoming water temperature of 110°F).

**SR24C Model – Low temperature/chemical sanitizing:** Accomplished by filling the sump with 120°F fresh water and pumping it through revolving wash arms. The required amount of 5.25% sodium hypochlorite (liquid bleach) is dispensed into the final rinse water from a container to achieve a minimum 50 PPM sanitizing solution. Injection of the sodium hypochlorite is accurately accomplished by a Hobart sanitizing chemical pump. Sight tube and ball float indicator visually signify when the sanitizer solution is empty. The customer must supply sanitizer solution and container. NOTE: NSF minimum 120°F.

MACHINE RATINGS		SR24H	SR24C
Racks per Hour		19	14
Dishes per Hour (average of 25 per rack)		475	350
Glasses per Hour (average of 45 per rack)		855	630
Overall Dimensions (width x depth x height) – inches		24 x 24 x 34½	24 x 24 x 34½
Wash Motor – HP		½	½
Tank Capacity – U.S. Gallons		1.8	1.8
Pump Capacity – U.S. Gallons per minute – Weir Test		45	45
7 KW Electric Booster Heater		Standard	N/A
Sanitizing Chemical Pump with Sight Tube and Ball Float Indicator		N/A	Standard
Hot Water Consumption at 20 psi	Wash Cycle – U.S. Gallons per rack	1.4	1.2
	Rinse Cycle – U.S. Gallons per rack	1.4	1.2
	U.S. Gallons per hour	53	34
Hot Water Consumption at 25 psi	Wash Cycle – U.S. Gallons per rack	1.7	1.3
	Rinse Cycle – U.S. Gallons per rack	1.7	1.3
	U.S. Gallons per hour	65	36
Minimum Flow Rate – U.S. Gallons per minute		4.5	4.5
Peak Rate of Drain Flow – U.S. Gallons per minute (Initial rate with full tank)		10	10
Minimum Water Temperature – Wash Cycle		150°F	120°F
– Rinse Cycle		180°F	
Shipping Weight Crated – Approximate lbs.		166	155
Minimum Hot Water Supply Temperature		110°F	120°F
Detergent Pump		Optional	Optional
Rinse Aid Pump		Accessory	Accessory

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