

# TempStar® HH

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

TempStar® HH

## Models

TempStar® HH



### Standard Features

- Sani-Sure™ feature assures proper rinse water temperature
- Multi-cycle timer (Extra Heavy, Heavy, Medium, Normal)
- Extended 15sec. high-temperature rinse provides superior coverage and rapid drying
- 20-3/4" wide X 27" high (527mm X 686mm) opening accommodates 18" X 26" (457mm X 660mm) sheet pans and 60-quart mixing bowls
- Auto-fill / auto-start
- Door switch
- Delime/manual wash switch
- Low watt density electric wash tank heater
- Hi-limit thermostat and low water protection
- Vent fan control shuts fan off when machine is idle
- Adjustable bullet feet
- Uses standard 20" X 20" (508 mm X 508 mm) racks
- Front dress panel
- Detergent/rinse additive signal connection fuse box
- Built-in 70° F (38.9° C) rise booster heater is standard; 40° F (22.2° C) rise booster heater is available but must be specified at time of order
- Lower counter-rotating wash arms and upper wash arm provide optimum spray coverage and superior cleaning action
- Self-draining stainless steel pump
- Split-door design accommodates installations with low ceiling heights
- Large scrap basket

### Mandatory Specs

- Specify:
- Electric
  - Steam
- Specify voltage \_\_\_\_\_
- Specify booster size \_\_\_\_\_

### Options

- Optional 40° F (22.2° C) rise booster heater is available at no additional cost (must be specified)
- Drain Quench System
- Scaltrol
- 3/4" Pressure Regulator
- Flanged Feet
- Water Hammer Arrestor
- 480V Electrical
- Single Phase
- Security Package
- False Panel
- Door Interlock
- Steam Booster Heater

### Accessories

- 36-Compartment Rack
  - 4-1/8" tall (105 mm)
  - 5-5/8" tall (143 mm)
  - 7" tall (178 mm)
- Combination Rack
- Peg Rack
- Sheet Pan Rack - for 18" X 26" (457mm X 660mm) baking pans

## Specifications

Uses 1.36 gallons (5 liters) of 180°F (82°C) water per rack

Total automatic (normal) cycle - 62 seconds

53 racks per hour (normal) cycle

2 HP Wash Pump Motor

Single point connections for all utilities

Field convertible from straight through to corner and vice versa

Durable stainless steel construction



**LEGEND**  
 A - DRAIN 1 1/2" IPS  
 B - WATER INLET 3/4" IPS  
 C - ELECTRICAL CONNECTION

All vertical dimensions are +/- 1/2" due to adjustable bullet feet.

MODEL NO.	MACHINE DIMENSIONS			DRAIN HEIGHT	SHIPPING INFORMATION					
	HEIGHT	WIDTH	DEPTH		WEIGHT	CLASS	CUBE	HEIGHT	WIDTH	DEPTH
TempStar® HH	76-3/4" (1949 mm)	25-1/4" (641 mm)	25-1/4" (641 mm)	11-3/4" (298 mm)	393 lbs (179 kg)	200	66.27 cu. ft.	82.625" (2099 mm)	33" (839 mm)	42" (1067 mm)

DIMENSION REQUIREMENTS	
Minimum Ceiling Height (recommended)	88" (2 meters)
Wall Clearance (minimum)	4" (102 mm)
Standard Table Height	34" (864 mm)
Inside Clearance	27" (686 mm)
Machine Height with Door Open	86-3/4" (2202 mm)

STEAM REQUIREMENTS	
Steam Flow Pressure (PSIG)	15-20
Consumption @ 15 PSIG (lbs/hr)	45

WATER REQUIREMENTS	
Inlet Temperature	
40°F (22.2°C) Rise	140°F (60°C)
70°F (38.9°C) Rise	110°F (43°C)
No Booster	180°F (82°C)
Gallons per Hour	72.1 gal (273 L)
Gallons per Rack	1.36 gal (5 L)
Waterline Size IPS (minimum)	3/4"
Drainline Size IPS (minimum)	1- 1/2"
Flow Pressure (PSI)	15-25
Tank Capacity	3 gal (11 L)
Wash Tank Capacity	8 gal (30 L)
Booster Tank Capacity	3 gal (11 L)

OPERATING CAPACITY				
Racks per Hour	Normal 53	Medium 28	Heavy 19	Extra Heavy 11
OPERATING CYCLE (seconds)	Wash	Rinse	Dwell	Total Cycle
Normal	45	15	2	62
Medium	103	15	2	120
Heavy	163	15	2	180
Extra Heavy	283	15	2	300

OPERATING TEMPERATURES	
Wash (minimum)	150° F (66° C)
Rinse (minimum)	180° F (82° C)

WASH PUMP MOTOR		
Wash Pump Motor Horsepower		2 HP
	Volts	KW
Electric Wash Tank Heater	208V	4.1
	230V	5.0
	460V	5.0
Electric Rinse Tank Heater - 40°F (22.2°C) Rise	208V	9.0
	230V	11.0
	460V	11.0
Electric Rinse Tank Heater - 70°F (38.9°C) Rise	208V	10.5
	230V	12.9
	460V	12.9

APPROXIMATE LOAD AMPS				
	No Booster	40°F (22.2°C) Rise	70°F (38.9°C) Rise	Steam
Power Supply	AMPS	AMPS	AMPS	AMPS
208V/60HZ/1PH	30.9	74.2	81.4	12A
208V/60HZ/3PH	22.6	47.6	51.8	12A
230V/60HZ/1PH	33.0	80.9	89.0	12A
230V/60HZ/3PH	23.8	51.4	56.2	12A
460V/60HZ/3PH	9.6	23.4	25.8	

HOW TO SPECIFY: TempStar® HH

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