

DynaTemp® with optional Ventless and Energy Recovery

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

Models

DynaTemp with optional Ventless and Energy Recovery



Standard Features

- Ventless: Does not require a hood
- Unique, two-pass Energy Recovery System
- Low profile internal condensing system minimizes water vapor
- Sani-Sure™ feature assures proper rinse water temperature
- Multi-cycle timer
- Digital controls
- Triple Wash Arm for consistent reliable warewashing performance
- Self-diagnosing digital controls diagnose most common issues and indicate what the issue is if something happens that affects the operation of the dishmachine
- Specially designed stainless steel nozzles provide superior cleaning action
- 17-1/4" (438 mm) door opening accepts 18" (457 mm) trays
- Interchangeable wash/rinse arms screw out for simple cleanup
- Built-in pressure regulator and door interlock are standard
- Auto-fill/auto-start
- Door switch
- Delime/manual wash switch
- Low watt density electric wash tank heater
- Hi-limit thermostat and low water protection
- Adjustable bullet feet
- Front and side dress panels
- Detergent/rinse additive signal connection fuse box
- Self-draining stainless steel pump
- Interchangeable scrap baskets

Mandatory Specs

- Specify:
- Electric
 - Steam
- Specify voltage _____

Options

- 480V Electrical
- Single Phase
- Drain Quench System
- Scaltrol
- Water Hammer Arrestor
- Flanged Feet
- Steam Booster Heater
- Security Package

Accessories

- 36-Compartment Rack
 - 4-1/8" tall (105 mm)
 - 5-5/8" tall (143 mm)
 - 7" tall (178 mm)
- Combination Rack
- Peg Rack

Specifications

Uses 0.69 gallons (3 liters) of water per rack
 Total automatic (normal) cycle - 88 seconds
 39 racks per hour (normal) cycle
 Built-in 70°F (38.9°C) rise booster heater on electric models. Steam models require an external steam booster heater.
 1 hp wash pump motor
 Single point connections for all utilities

Cold water connection only
 Field convertible from straight through to corner and vice versa
 Field convertible from 3-phase to single-phase and vice versa
 Durable stainless steel construction
 Uses standard 20" X 20" (508 mm X 508 mm) racks



Intertek



LEGEND
 A- DRAIN 1-1/2" IPS
 B-WATER INLET 1/2" NPT
 C-ELECTRICAL CONNECTION
 All vertical dimensions are +1 1/2" due to adjustable bullet feet.

MODEL NO.	MACHINE DIMENSIONS				DRAIN HEIGHT	SHIPPING INFORMATION					
	HEIGHT	WIDTH	WIDTH BETWEEN TABLES	DEPTH		WEIGHT	CLASS	CUBE	HEIGHT	WIDTH	DEPTH
DynaTemp VER	63-1/8" (1604 mm)	30-5/16" (770 mm)	25-5/16" (643 mm)	29-1/2" (749 mm)	14-1/2" (368 mm)	420 lbs (191 kg)	150	55.34 cu. ft.	69" (1753 mm)	33" (838 mm)	42" (1067 mm)

DIMENSION REQUIREMENTS				
Wall Clearance - Rear (minimum)	1-1/4" (32 mm)			
Wall Clearance - Corner Installation Side (minimum)	6-1/4" (159 mm)			
Standard Table Height	34" (864 mm)			
Inside Clearance	17-1/4" (438 mm)			
Machine Height with Door Open	81" (2057 mm)			

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

WATER REQUIREMENTS				
Inlet Temperature	40 - 90° F (4.4 - 32.2° C)			
Gallons per Hour	26.91 gal (101.9 L)			
Gallons per Rack	.69 gal (2.6 L)			
Waterline Size IPS (minimum)	3/4"			
Drainline Size IPS (minimum)	1- 1/2"			
Operating Flow Pressure (PSI)	8			
Flow Pressure Connection (PSI)	40			
Wash Tank Capacity	8 gal (30 L)			
Booster Tank Capacity	3 gal (11 L)			

OPERATING CAPACITY					
Racks per Hour	Normal	Heavy	Extra Heavy		
	39	25	13		

OPERATING CYCLE (seconds)					
	Wash	Rinse	Dwell	Condensate Removal	Total Cycle
Normal	40	11	7	30	88
Heavy	90	11	7	30	138
Extra Heavy	220	11	7	30	268

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

WASH PUMP MOTOR		
Wash Pump Motor Horsepower	1 HP	
	Volts	KW
Electric Wash Tank Heater	208V	4.1
	230V	5.0
	460V	5.0
Electric Rinse Tank Heater - 70°F (38.9°C) Rise	208V	10.5
	230V	12.9
	460V	12.9

APPROXIMATE LOAD AMPS		
	70°F (38.9°C) Rise	Steam
Power Supply	AMPS	AMPS
208V/60HZ/1PH	75.8	6A
208V/60HZ/3PH	46.3	6A
230V/60HZ/1PH	83.6	6A
230V/60HZ/3PH	50.7	6A
460V/60HZ/3PH	24.1	N/A

HOW TO SPECIFY: DynaTemp with optional Ventless & Energy Recovery

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