

**Project:**  
YELLOWSTONE DETENTION  
CENTER DISH MACHINE

**From:**  
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Job Reference Number: 22786

ALL ELECTRICAL REQUIREMENTS NEED TO BE VERIFIED PRIOR ORDERING  
BARGREEN WILL SET, LEVEL AND DO THE START UP ON THE MACHINE  
ALONG WITH THE CHEMICAL TITRATION

**EXCLUSIONS:**

-ELECTRICAL, HVAC & PLUMBING

BARGREEN WILL PROVIDE FREE SERVICE FOR ALL MANINTENANCE REPAIRS -  
ANY MAJOR REPAIRS WILL BE BY OTHERS

BARGREEN WILL CHARGE FOR PARTS

Item	Qty	Description	Sell	Sell Total
1	1 ea	<b>DISHWASHER, CONVEYOR TYPE</b>  Champion Model No. 86 PRO Pro Series, 64"W two-tank rack conveyor dishwasher, with 22" prewash with removable scrap basket, proportional rinse, progressive anti-jam drive system, top mounted control panel with HMI user interface, proactive maintenance software, (100) gallons per hour with energy sentinel (idle pump shut-off), (348) racks per hour, single-piece hood design, single-piece stainless steel upper & lower wash arms manifolds, internal removable scrap basket & dual-piece scrap screens, 20" standard vertical clearance, accommodates 18" x 26" sheet pans, full 180° opening leak proof insulated hinged access doors, automatic tank fill, door safety switches, leak-proof ball valve drains, lower front & side enclosure panels, auto delime function, stainless steel heavy gauge construction including base & legs, electric tank heat, 1 HP pre-wash, 2 HP wash & power rinse pumps, vent fan control, stainless steel rear manifolds, NSF, cULus, ENERGY STAR®, Made in USA  <b>Once piece tank design vs the Hobart two piece design. This alone is a major separation factor. Having a two piece design opens the door for leaks. We use all stainless steel and copper – no plastics in the manifold area. Our HMI Prologic Controller has been in the market for over six years. This proven controller has a built in self diagnostics with two way communications. Also, please keep in mind the cost of ownership- parts cost and service- Chris R.</b>	\$69,883.54	\$69,883.54
	1 ea	**NOTE: Please be advised that all quotes provided are valid for a period of 30 days from the date issued. Champion Industries		

Item	Qty	Description	Sell	Sell Total
		reserves the right to make price adjustments, price increases or add surcharges as appropriate due to tariffs or market fluctuation that are out of our control. Thank you for your understanding.		
1 ea	1 year parts & labor warranty, standard			
1 ea	Complimentary factory authorized performance test included, upon equipment start-up. Consult local Champion sales representative for coordination of the start-up. If customer is beyond 60 miles from Champion authorized service agent, consult factory.			
1 ea	Two-point electrical connection, standard (1a Machine & Tank heat, 1b Booster)			
1 ea	Direction of operation to be specified			
1 ea	Note: For water of 3-grains of hardness or more, Champion recommends adding a water treatment device.			
1 ea	480v/60/3-ph			
1 ea	Electric tank heat, standard			
1 ea	Booster Heater, electric, built-in, 21kw, 70° rise, stainless steel	\$4,721.37	\$4,721.37	
1 ea	Extended stainless steel vent cowl with 7" stack & locking damper (set)	\$1,913.81	\$1,913.81	
1 ea	20" High hood vertical clearance (standard)			
1 ea	401490 Table Limit Switch (Bottom Style) Table limit switch, includes: 12 ft. pre-wired cord standard (unmounted) (recommended on all conveyor models)	\$508.01	\$508.01	
<b>ITEM TOTAL:</b>				<b>\$77,026.73</b>
Total				\$77,026.73

Prices Good Until: 04/02/2025

Contract Terms:

Project Cost: See above

Payment Terms: Verification of credit application and approval by our credit department.

50% Down Payment upon signing this order/contract.

45% 1 week prior to the major installation of equipment.

Balance within fourteen (14) days of completion of installation.

The above items are being special ordered for this project and may not be returned unless agreed to under separate written contract. Under no circumstances shall custom items be returnable. Stock and buy out items which are considered for return shall be subject to a 25% minimum restocking cost plus freight charges both ways.

Equipment items being supplied conform to applicable codes as they are known. If special codes or

circumstances are invoked by governing authorities, it shall be the responsibility of the project owner and the undersigned client agent to pay for any and all additional costs and fees incurred by Bargreen Ellingson, Inc. Permits if required, are not included unless specifically stated for in the item description.

It shall be understood by all parties involved that this document shall become a legal and binding purchase contract upon signing below and receipt of cash funds for the down payment specified above. Signature below by the purchaser acknowledges the acceptance of all terms and conditions as set forth in this contract.

The person signing this contract specifically represents that he/she has the authority to execute this document and its contents on behalf of the purchaser.

Thank you for choosing Bargreen Ellingson to provide your food service equipment for this project.

Approved By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

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

**CUSTOMER COMMITMENT:** In foodservice, things don't always go as planned. When those things happen, Bargreen Ellingson is committed to making it right. Our staff is given the power to resolve your issue. If they cannot, or if you are not completely satisfied, we encourage you to call our President, David Ellingson, at (253) 234-1400. Thank you for the opportunity to serve you!

**ENGAGEMENT CLIENT:** En restauration, les choses ne se passent pas toujours comme prévu. Lorsque ces choses se produisent, Bargreen Ellingson s'engage à y remédier. Notre personnel a le pouvoir de résoudre votre problème. S'ils ne peuvent pas, ou si vous n'êtes pas entièrement satisfait, nous vous encourageons à appeler notre président, David Ellingson, au (253) 234-1400. Merci pour l'opportunité de vous servir!

Acceptance: \_\_\_\_\_

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

Printed Name: \_\_\_\_\_

Project Grand Total: \$77,026.73



PROJECT: \_\_\_\_\_

ITEM # \_\_\_\_\_ QTY: \_\_\_\_\_

MODEL # \_\_\_\_\_

AIA # \_\_\_\_\_ SIS # \_\_\_\_\_

## 86 PRO Electric

### HIGH TEMPERATURE 2-TANK ELECTRIC RACK CONVEYOR



Rendered image is for general visual representation only. Please refer to specifications for the latest detailed product information.



#### STANDARD FEATURES

- **64" Single Tank + 22" Prewash**
- **Perpetual Rack Advance System**  
with digital jam monitoring, and mechanical drive protection
- **Automated Delime Function**  
with user-customizable alert intervals
- **348 Racks Per Hour**
- **.28 Gallons/Rack With Energy Sentinel** (idle pump shut-off)
- **Advanced Touchscreen Display**  
intuitive condition alerts, with user friendly cleaning and operation visual guidance, multi-lingual
- **Enhanced Visual On-board Diagnostics**  
quickly identify machine faults for rapid resolution and less downtime
- **Automatic Tank Fill**
- **Programmable Machine Dwell**  
pauses rack in wash zone for extended cleaning, NSF Certified Pot & Pan Mode
- **Automatic Drain Valve**
- **Single-Piece Hood Design**
- **Single-Piece Scrap Screen**  
more robust and faster cleaning
- **Single-Piece Stainless Steel Upper And Lower Wash Arm Manifolds**
- **20" Standard Vertical Clearance**  
accommodates 18" x 26" sheet pans
- **Fully Insulated Doors**  
open a full 180° for unrestricted cleaning access
- **All Stainless Steel Heavy Gauge Construction**  
including base, legs and feet
- **Enclosure Panels** (front and sides)
- **2 HP Pump Motors** with stainless steel impellers
- **Factory Authorized Start-Up**
- **Vent Fan Control**
- **Made in America**

#### SPECIFIER STATEMENT

Specified unit will be Champion model 86 PRO Series 2-tank high temperature rack conveyor dishwashing machine. Features top mounted prodigy HMI user interface controls with proactive maintenance software, proportional rinse, using only 100 GPH, optional built-in 21kW booster, progressive anti-jam drive system, energy sentinel (idle pump shut-off), 348 racks per hour, single-piece hood design, single-piece stainless steel upper & lower wash arms manifolds, full 180° opening leak proof insulated hinged access doors.

#### 1 Year parts and labor warranty.

##### In the USA:

3765 Champion Blvd, Winston-Salem, NC 27105  
Tel: (336) 661-1556 Fax: (336) 661-1979  
[www.championindustries.com](http://www.championindustries.com)

##### In Canada:

2674 N. Service Rd., Jordan Station, Ontario, Canada L0R1S0  
Tel: (905) 562-4195 Fax: (905) 562-4618  
[www.championindustries.com/lcanada](http://www.championindustries.com/lcanada)

# Champion®

The Dishwashing Machine Specialists

## 86 PRO Electric

### HIGH TEMPERATURE 2-TANK ELECTRIC RACK CONVEYOR

#### ACCESSORIES

- Drain water tempering kit (unmounted)
- Table limit switch, unmounted (recommended on all rack conveyor installations) (unmounted)
  - o WHISKER STYLE
  - o BUTTON STYLE
- Vent cowl, stainless steel with 7" stacks & locking dampers
- Extended vent cowl, with 7" stacks, locking dampers & external curtain
- Flanged feet (unmounted)
- Water hammer kit (unmounted)
- Chemical pump kit (detergent and rinse aid, mounted and interwired)
- Water pressure regulating valve (unmounted; standard with booster)
- ION scale prevention device (unmounted)
- Water softening system (manufactured, warranted and serviced by Kinetico)
- Dish racks:
  - o PEG RACK
  - o FLAT RACK
  - o SHEET PAN RACK
- Splash shields
- Cantilever sideloader (without hood) for 90° load operation
  - o 24" SIDELOAD
  - o 30" SIDELOAD (ACCEPTS SHEET PANS)
- Model PRO-90B unloader (90° corner conveyor table)
- Model PRO-90B loader (90° corner conveyor table)
- Model RCT 64 or RCT 84 roller conveyor table (see factory for custom length)
- Stainless steel rear enclosure panels
- Correctional package (contact factory)

#### OPTIONS

- 33" Blower dryer – electric
- Booster heaters (completely interplumbed, controls are interwired)
  - o 40°F RISE (BUILT-IN) (FIELD CONVERTED)
  - o 70°F RISE (BUILT-IN)
- Direct link connectivity solution
- Direct link plus+ connectivity solution

**Cantilever  
Sideloader  
(no hood)**



**PRO-90B**  
90° Corner Conveyor  
table loader and  
unloader available



**Model RCT 64 or RCT 84**  
Roller conveyor table



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# 86 PRO Electric

## HIGH TEMPERATURE 2-TANK ELECTRIC RACK CONVEYOR

### UTILITIES

<b>1</b>	<b>Electrical Connections</b>
	A Machine electrical connection B Booster electrical connection
<b>2</b>	<b>Hot Water</b>  Machine with built-in booster Main connection 3/4" NPT 110° incoming water
<b>4</b>	<b>Hot Water</b>  Machine with no booster Main water connection 3/4" NPT 180° incoming water
<b>5A</b>	<b>Drain</b>  Connection 1-1/4" NPT Drain Max Flow Rate (g/min) 15
<b>8</b>	<b>Vents</b>  A Stack connection – load end 150 CFM @ 1/4" static pressure B Stack connection – unload end 400 CFM @ 1/4" static pressure

**Warning:** Plumbing and electrical connections should be made by qualified personnel who will observe all the applicable plumbing, sanitary, and safety codes and the National Electrical Code.

**Note:** Water Hammer Arrestor (meeting ASSE-1010 standard or equivalent) to be supplied (by others) in common water supply line at service connection.

**Plumbing Notes:** Because of the variation in house-supplied steam and water pressures, steam and water pressure regulating valves (PRVs) may be needed. (Water PRV is standard on machines with booster.) The PRVs can either be purchased from Champion or obtained locally.

Water hardness of 3 grains/US Gal (0.83 Imp Gal) – 5.3 Mg/L or less

**Venting Notes:** Fabricated duct size: 3-7/8" x 15-7/8" (outside dimensions)

**Optional Drain Tempering:** 1/2" NPT cold water connection required. 1/2" NPT drain connection from back flow preventer to house drain. (FIELD INSTALLED and PLUMBED).

### SPECIFICATIONS

<b>Capacity</b>
Racks per hr (NSF rated)
Wash tank (US gal.)
Power rinse tank (US gal.)
Prewash tank (US gal.)
Conveyor speed (ft/min)
Conveyor speed Pot/Pan Mode (ft/min) (only one rack at a time in pot/pan)
<b>Motor Horsepower</b>
Drive
Prewash
Wash
Power Rinse
<b>Water Consumption</b>
US Gal. per hr (max. use)
US Gal. per rack
<b>Heating</b>
Tank Heat, electric (kW)
Power rinse, elctric (kW)
Electric booster (built-in) (kW supplied for 40°F rise)
Electric booster (built-in) (kW supplied for 70°F rise)
Booster heaters completely inter plumbed, controls are interwired.
<b>Venting</b>
Load end (minimum CFM)
Unload end (minimum CFM)
<b>Standard 20"x 20" Rack Complement</b>
Peg
Flat

### Two Tank PRO Rack Machine and Booster Ratings

The tables below give the ratings for each model. The ratings include the requirements of the 12 and 21 kW booster heaters when they are in use.

#### Machines with a Dual point electrical connection:

86 PRO Electric Tank Heat, 21 kW Booster Only			
Elec. Specs	Rated Amps	Minimum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	59	80	80
240/60/3	51	70	70
480/60/3	26	35	35
575/60/3	22	30	30

86 PRO Electric Tank Heat, 12 kW Booster Only			
Elec. Specs	Rated Amps	Minimum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	34	45	45
240/60/3	29	40	40
480/60/3	15	20	20
575/60/3	12	15	15

86 PRO Electric Tank Heat, No Booster			
Elec. Specs	Rated Amps	Minimum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	98	125	125
240/60/3	85	110	110
480/60/3	42	60	60
575/60/3	33	45	45

#### Machines with a Single point electrical connection:

86 PRO Electric Tank Heat, 21 kW 70°F Booster			
Elec. Specs	Rated Amps	Minimum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	n/a	n/a	n/a
240/60/3	136	175	175
480/60/3	68	90	90
575/60/3	55	70	70

86 PRO Electric Tank Heat, 12 kW 40°F Booster			
Elec. Specs	Rated Amps	Minimum Supply Ckt. Conductor Ampacity	Maximum Overcurrent Protective Device
208/60/3	132	175	175
240/60/3	114	150	150
480/60/3	57	80	80
575/60/3	45	60	60

#### Note:

Machine ships as a dual point electrical connection standard. Easily converted to a single point connection by a qualified electrician (except as show in above tables).

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# Champion®

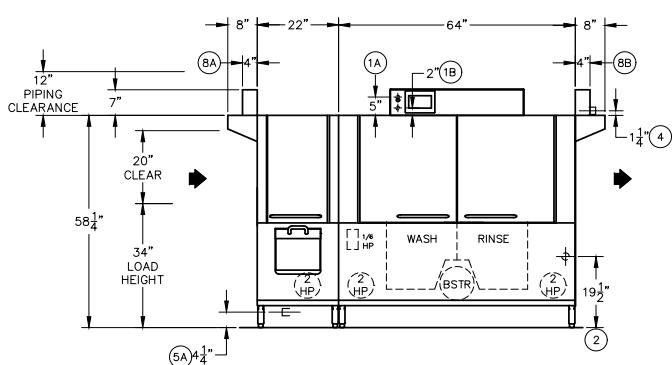
The Dishwashing Machine Specialists

## 86 PRO Electric

### HIGH TEMPERATURE 2-TANK ELECTRIC RACK CONVEYOR

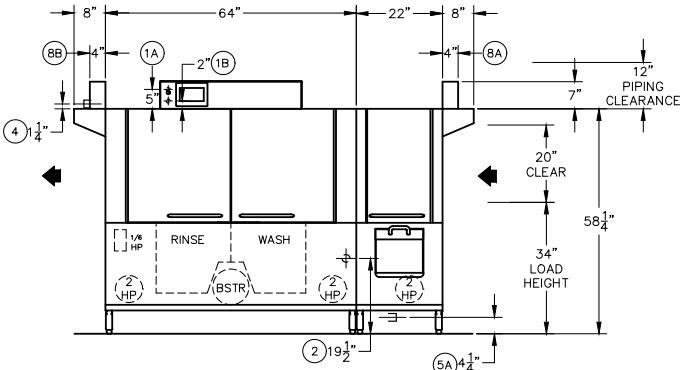
Shipping weight crated: 1,200 lbs. Dimensions shown in inches

#### Front View

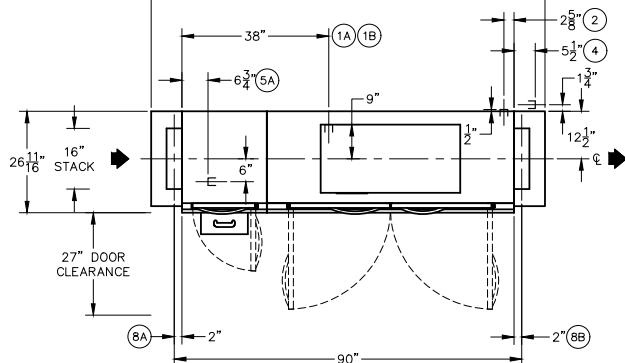


#### Left to Right Model

#### Right to Left Model

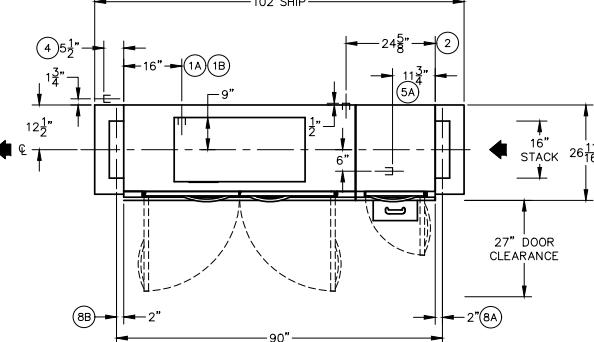


#### Plan View

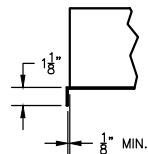
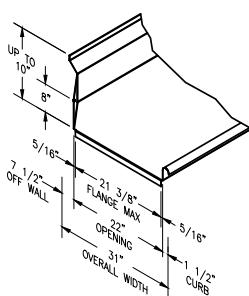
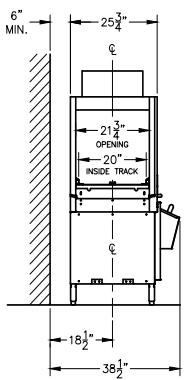


#### Left to Right Model

#### Right to Left Model



#### End View



#### Suggested Table Construction

#### Flange Details

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