Champion®
The Dishwashing Machine Specialists

Project _____
Item No. _____
Quantity _____

PRO SERIES

44 *PRO* Electric
High Temperature Rack Conveyor
Dishwashing Machine



Model 44 PRO shown with vent cowl and damper option

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

STANDARD FEATURES

- *PRO*gressive anti-jam drive system, near constant rack movement
- *PRO*portional rinse
- 209 racks per hour
- 100 GPH with energy sentinel (idle pump shut-off)
- Top Mounted Prodigy series HMI User Interface
- Proactive maintenance software
- Automatic tank fill
- Conveyor dwell switch
- Leak-proof ball valve drains
- Single-piece hood design
- Single-piece stainless steel upper and lower wash arm manifolds
- Single point electrical connection, machine and built-in booster heater
- 20" standard vertical clearance which accommodates 18" x 26" sheet pans
- Full 180° opening leak proof insulated hinged access doors
- Stainless steel heavy gauge construction including base, legs and feet
- Wash pump with 2 Hp motor
- Enclosure panels (front and sides)
- Stainless steel pump and impeller
- Factory Authorized Start-up
- Vent fan control
- **ENERGY STAR® Qualified**
- **Made in America**

MADE IN USA

SPECIFIER STATEMENT

Specified unit will be Champion Model 44 *PRO* Series high temperature rack conveyor dishwashing machine. Features top mounted Prodigy HMI user interface controls with proactive maintenance software, proportional rinse, using only 100 GPH, built-in 21 kW booster, at a max of 150 amps for machine and booster, progressive anti-jam drive system, energy sentinel (idle pump shut-off), 209 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.

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PRO SERIES

44 *PRO* Electric

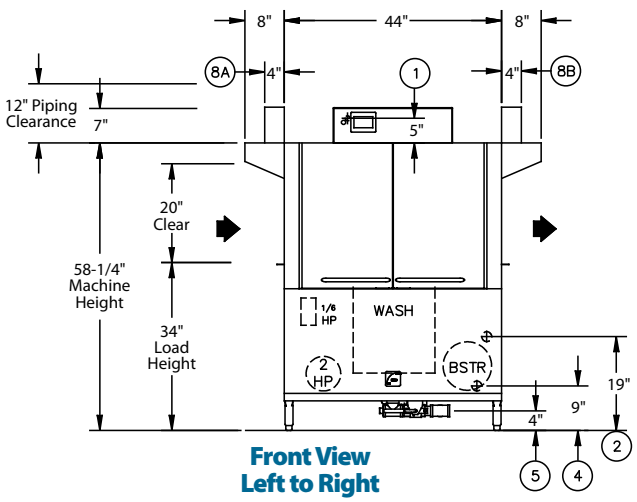
High Temperature Rack Conveyor
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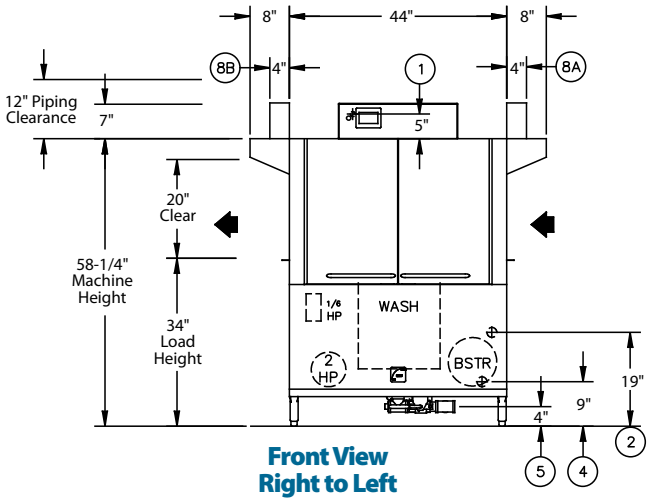
MODEL 44 *PRO*

Shipping weight crated: **600 lbs.**

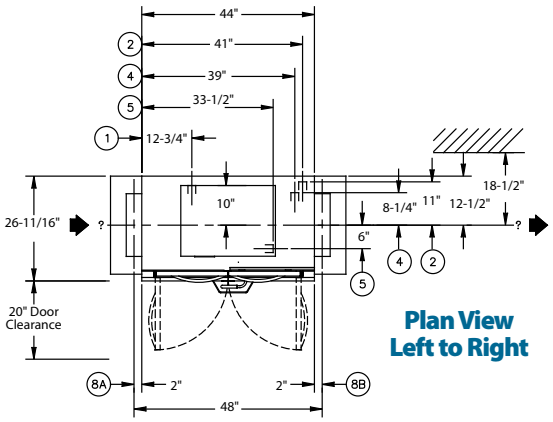
Dimensions shown in inches [mm]



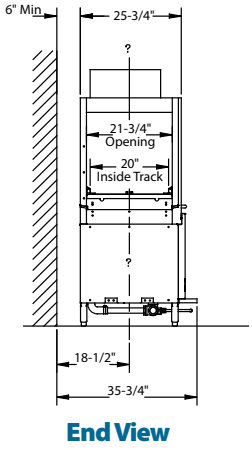
Front View Left to Right



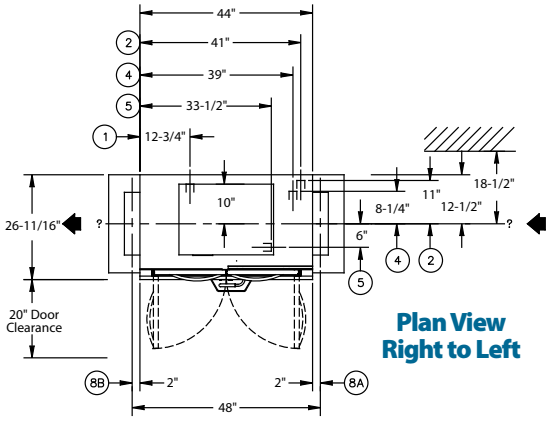
Front View Right to Left



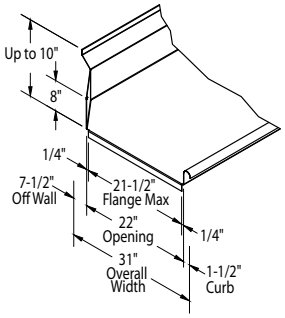
Plan View Left to Right

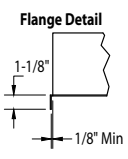


End View



Plan View Right to Left





Suggested Table Construction

Due to an ongoing value analysis program at Champion, specifications contained in this catalog are subject to change without notice.

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Utilities

1	**Electrical Connection** **A** Machine electrical connection and booster electrical connection
2	**Hot Water** Machine with built-in booster Main connection 3/4" NPT
4	**Hot Water** Machine with no booster Main water connection 3/4" NPT
5	**Drain** Connection 1 1/2" NPT
8	**Vents** **A** Stack connection - Load end 200 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, 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.

SPECIFICATIONS

Capacity
Racks per hr. (NSF rated) 209
Wash tank (US gal.) 17
Conveyor speed (ft/min.) 5.8

Motor Horsepower
Drive 1/6
Wash 2

Water Consumption
US Gal. per hr. (max. use). 100
US Gal. per rack 48

Heating
Tank Heat, electric (kW) 15
Electric booster (built-in) (kW supplied for 40°F rise) 12
Electric booster (built-in) (kW supplied for 70°F rise) 21

Booster heaters completely inter plumbed, controls are interwired

Venting
Load end (minimum CFM) 200
Unload end (minimum CFM). 400

Standard 20" x 20" rack complement
Peg 2
Flat 1

44 *PRO* Electric No Booster

Electrical Specifications	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/3	53	70	70
240/60/3	47	60	60
480/60/3	24	30	30

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.

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

44 *PRO* Electric 21 kW Booster (70° Rise)

Electrical Specifications	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/3	111	150	150
240/60/3	97	125	125
480/60/3	49	70	70

21 kW Booster Only

Electrical Specifications	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/3	58	80	70
240/60/3	51	70	70
480/60/3	25	35	35

44 *PRO* Electric 12 kW Booster (40° Rise)

Electrical Specifications	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/3	86	110	110
240/60/3	77	100	100
480/60/3	38	50	50

12 kW Booster Only

Electrical Specifications	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/3	33	45	45
240/60/3	29	40	40
480/60/3	14	20	20

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PRO SERIES RACK CONVEYOR

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OPTIONS & ACCESSORIES

- ☐ Tank heat: choice of steam coil, electric, hot water coil
- ☐ Two-Point electrical connection, separate for machine and booster
- ☐ 2 Hp prewash motor *(see 66 PRO spec sheet)*
- ☐ 48" Blower-dryer – steam or electric
- ☐ Booster Heaters (completely interplumbed, controls are interwired)
  - ☐ Steam: 40°F or 70°F rise *(see spec sheet)*
  - ☐ Electric: 40-70°F rise (built-in only)
- ☐ Heat Recovery
- ☐ Cantilever sideloader (with or without hood) for 90° load operation
- ☐ 24" Sideload
- ☐ 30" Sideload (accepts sheet pans)
- ☐ Extended pawl bar (extended drive unit) for use with load tabling
- ☐ Racks: peg or flat racks (specify type)
- ☐ Table limit switch, unmounted (recommended on all rack conveyor installations)
- ☐ Vent cowl, stainless steel with 7" stack and locking damper
- ☐ Water pressure regulating valve (unmounted) (standard with booster)
- ☐ Two-point electrical connection
- ☐ Water hammer kit
- ☐ Drain tempering kit
- ☐ Model CCT 180 (180° Corner Conveyor Table)
- ☐ Model CCT 90 (90° Corner Conveyor Table)
- ☐ Model RCT 64 or RCT 84 Roller Conveyor Table (See factory for custom length)
- ☐ Splash shields
- ☐ ***NEW*** Champion Ventless Heat Recovery *(see spec sheet)*
- ☐ ION scale prevention device



NEW CCT 90
90° Corner Conveyor Table (shown)
NEW CCT 180
180° Corner Conveyor Table
also available



Cantilever Sideloader
(No hood)



Model RCT 64 or RCT 84
Roller
Conveyor Table

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The Spirit of Excellence