

Project Name:	
Location:	
Item #:	Qty:
Model:	

RACK CONVEYOR TYPE DISHWASHER



RACK SIZES:

 Dish/Glass Rack
 20 in x 20 in
 500mm x 500mm

 Cutlery Basket
 19.25 in x 7 in
 500mm x 500mm

 Trays Basket
 20 in x 2 0in
 500mm x 500mm

WATER CONSUMPTION

Per Hour 137.4 (gal) 520.1 (L)

OPERATING CYCLE AND CAPACITY:

Racks per hour (Min/Max) 240 / 340

TANK CAPACITY

Pre-Wash 22.45 (gal) 85 (L) 1st Chemical Wash 22.45 (gal) 85 (L)

CYCLE TEMPERATURES

Pre-Wash	115°F	46.1°C
1st Chemical Wash	165°F	72°C
Pre-Rinse	165°F	72°C
Rinse	180°F	82°C

WATER REQUIREMENTS

Inlet Temperature 140°F 60°C Inlet Temperature 110°F 43°C

45 0

(requires 28kW booster)
Inlet Water Pressure 30-87psi 2.11- 6.12kg/cm²

Flow Pressure 15-25psi 1.0-1.8kg/cm²

All specifications are dependent on water pressure and temperature

3RD PARTY APPROVALS







Intertek Intertek

BLAKESLEE WARRANTY (USA / CANADA)

Blakeslee dishwashers are warrantied for one year from date of installation against defective materials and workmanship.

Contact Blakeslee USA for details at service@blakesleeinc.com or 630.532.5021

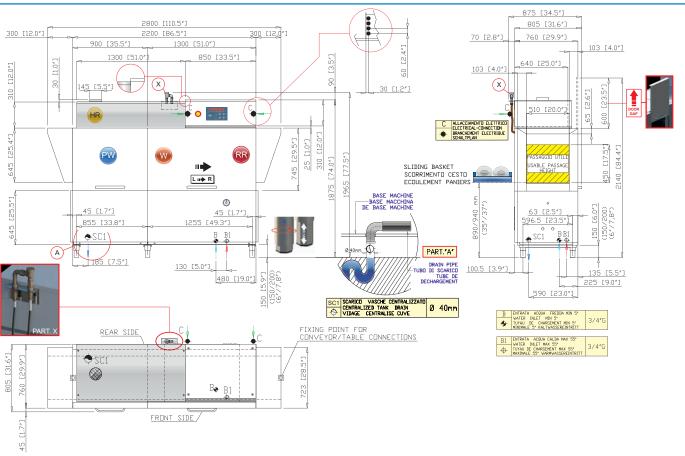
Blakeslee rack machines are state of the art machines designed to deliver superior cleaning performance and productivity, using the least amount of energy, water and chemicals. This machine is also available with optional blower dryer or an integrated heat recovery system. The top line model with the integrated heat recovery system offers energy savings of 20% over non equipped models depending on operational and site factors.

FEATURES AND CONSTRUCTION

- Double rinse system granting high efficiency with low consumption
- Self-cleaning vertical wash pump, protected from electrical overloads
- Two speed traction system with built-in clutch preventing derailment.
- Removable Stainless steel washing and rinsing arms for easier cleaning operation
- Stainless steel surface filters on every tank, easily removable without detaching washing arms, to keep the water clean and free from soil and debris
- Radial wash tank sloped to help emptying
- Economizers to allow operation only when the rack is detected on that specific area, avoiding any waste of water and energy
- Pressure reducer stabilizes water pressure for an optimal final rinse
- Available with blower dryer and blower dryer + heat recovery options
- Built in 18kW final rinse booster heater
- Optional 28kW final rinse booster available for a 70°F rise
- Low voltage, electronic soft touch panel with IPX5 security level
- User-friendly and easy-to-clean
- Auto timer switches off the rack conveyor motor, as well as other machine options. Limits operating expense
- Stainless steel AISI 304 structure
- Stainless steel AISI 316 tank and booster, fully insulated boiler to reduce thermal losses
- Insulated double skin door, counterbalanced, equipped with anti-drop safety system
- Break Tank safety system to fill tank and prevent backflow contamination
- Vacuum Breaker to fill the booster and prevent the backflow of water, and avoid any contamination of the water supply in case of external depression



RACK CONVEYOR TYPE DISHWASHER



RATED POWER

MILDIONER				
(incoming water temperature	at 140°F)		(incoming water temperature at 110°F – requires optional 28k	(W booster)
Pre-Wash	Pump Rated Power	1.9 kW	Final RinseTotal Booster Power	28 kW
1st Chemical Wash	Pump Rated Power	1.9 kW		
	Tank Heating Element	14 kW		
Pre-Rinse	Pump Rated Power	0.2 kW		
	Pre-Rinse Heating Element	9 kW		
Final Rinse	Total Booster Power	18 kW		

GENERAL SPECIFICATIONS	RC-86-3	RC-86-3 DR24	RC-86-3 HR	RC-86-3 HR + DR69			
140°F (HIGH TEMP - 40° RISE CONFIGURATION)							
Total Installed Power (kW)	45.13	54.50	Hot Water Input is Not an Option; Cold Water Input Only	Hot Water Input is Not an Option; Cold Water Input Only			
Amperage at 208v 3 Phase (AMP)	130.60	156.70					
Amperage at 220-240v 3 Phase (AMP)	124.20	149.20					
Amperage at 480v 3 Phase (AMP)	59.20	70.90					
110°F (70° RISE CONFIGURATION)							
Total Installed Power (kW)	55.13	64.50	69.18	78.55			
Amperage at 208v 3 Phase (AMP)	158.40	184.50	197.50	223.60			
Amperage at 220-240v 3 Phase (AMP)	150.40	175.40	187.30	212.30			
Amperage at 480v 3 Phase (AMP)	71.20	82.90	88.30	100.00			