



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

NOBLE HT-180HH-E

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Standard Features

- Certified as both a dishwasher and a pot, pan and utensil washer to NSF/ANSI3 standards
- 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
- Built-in 70 °F (38.9 °C) rise booster heater with Sani-Sure™ final rinse system
- 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
- Multi-cycle timer (Extra Heavy, Heavy, Medium, Normal)
- Automatic tank 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
- Large scrap basket

Mandatory Specs

Specify voltage _____

Options

- Drain Water Tempering Kit
- Scaltrol
- Flanged Feet
- Water Hammer Arrestor
- Pressure Regulator
- 460V Electrical
- Single Phase
- Security Package
- False Panel (for corner installations)
- Door Interlock

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 0.72 gallons (2.73 liters) of 180 °F (82 °C) water per rack
- Total automatic (normal) cycle - 60 seconds
- 60 (55)* 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 (kit required)
- Durable stainless steel construction



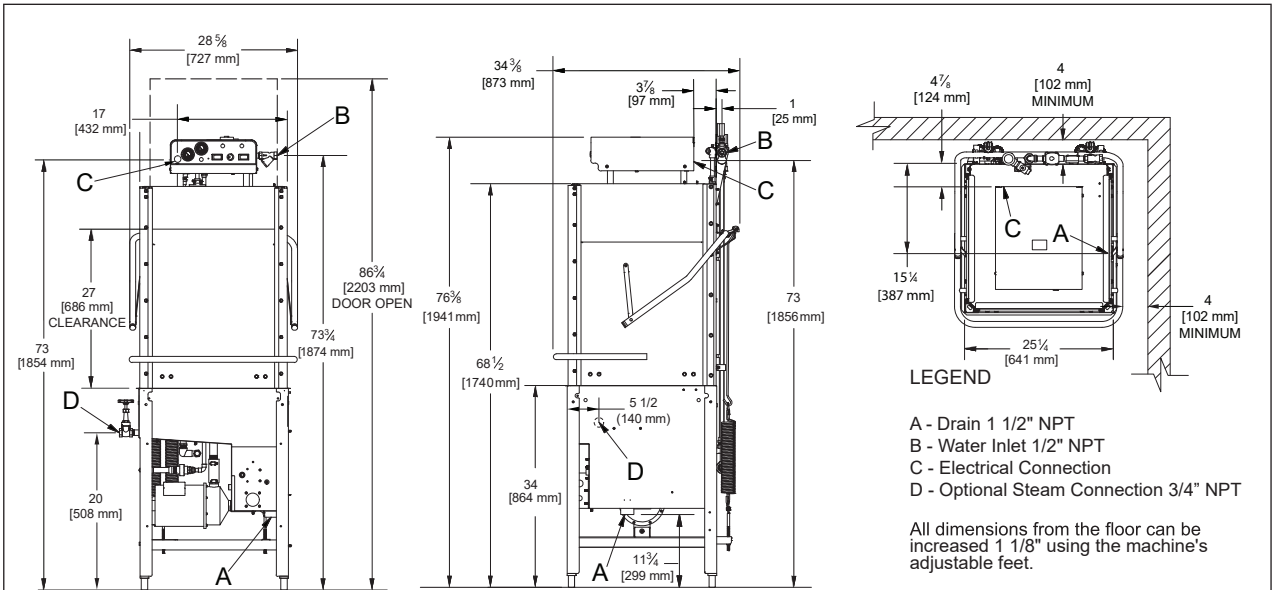
Intertek



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*Racks per hour calculated with NSF suggested load time of five (5) seconds for door-type (straight thru)



LEGEND
 A - Drain 1 1/2" NPT
 B - Water Inlet 1/2" NPT
 C - Electrical Connection
 D - Optional Steam Connection 3/4" NPT

All dimensions from the floor can be increased 1 1/8" using the machine's adjustable feet.

MODEL NO.	MACHINE DIMENSIONS				DRAIN HEIGHT	SHIPPING INFORMATION					
	HEIGHT	WIDTH	WIDTH BETWEEN TABLES	DEPTH		WEIGHT	CLASS	CUBE	HEIGHT	WIDTH	DEPTH
HT-180HH-E	76-3/8" (1941 mm)	28-5/8" (727 mm)	25-1/4" (641 mm)	34-3/8" (873 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)

DIMENSIONS	
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)

OPERATING CAPACITY				
Cycle/Racks per Hour	Normal 60 (55)*	Medium 29 (28)*	Heavy 19 (19)*	Extra Heavy 11 (11)*

OPERATING CYCLE (seconds)	Wash				Total Cycle
	Wash	Rinse	Dwell	Total Cycle	
Normal	40	10	10	60	
Medium	103	10	10	123	
Heavy	163	10	10	183	
Extra Heavy	283	10	10	303	

OPERATING TEMPERATURES	
Wash (minimum)	155 °F (68 °C)
Rinse (minimum)	180 °F (82 °C)

WATER	
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	43.2 gal (163.53 L)
Gallons per Hour**	39.6 gal (149.90 L)
Gallons per Rack	.72 gal (2.73 L)
Waterline Size IPS (minimum)	1/2"
Drainline Size IPS (minimum)	1- 1/2"
Flow Pressure (PSI)	10
Wash Tank Capacity	8 gal (30 L)
Booster Tank Capacity	3 gal (11 L)

ELECTRICAL			
Power Supply	Total Load	Minimum Circuit Ampacity	Maximum Overcurrent Protection
208/60/3	51.8 A	54.6 A	70 A
230/60/3	56.0 A	58.8 A	70 A
460/60/3	25.7 A	26.5 A	30 A
208/60/1	81.4 A	84.2 A	100 A
230/60/1	88.9 A	91.7 A	100 A

WASH PUMP MOTOR	2 HP
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HEATERS			
Voltage	Electric Wash Tank Heater	Electric Rinse Tank Heater 40 °F (22.2 °C) Rise	Electric Rinse Tank Heater 70 °F (38.9 °C) Rise
208	4.1kW	9.0kW	10.5kW
230	5.0kW	11.0kW	12.9kW
460	5.0kW	11.0kW	12.9kW

HOW TO SPECIFY: NOBLE HT-180HH-E

*Racks per hour calculated with NSF suggested load time of five (5) seconds for door-type (straight thru)
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