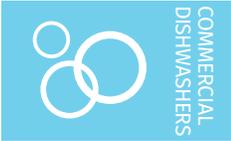




Project _____
 AIA # _____ SIS # _____
 Item # _____ Quantity _____ C.S.I. Section 114000



AM16T-BAS TALL BASE ELECTRIC

High Temperature Door-Style Dishwashing Machine



STANDARD FEATURES

- + .67 gallons (2,5 L) per rack pumped final rinse
- + 60 racks per hour – hot water sanitizing
- + User-friendly smart touchscreen controls
- + WiFi connectivity
- + SmartConnect app and cloud with machine status, temperature logs, error code reporting, and cost, consumption and usage analysis
- + Two stage filtration
- + Pillarless opening
- + 3-sided hood
- + Single point electrical connection standard, field convertible to dual point connection
- + 3 phase standard, field convertible to single phase
- + Temperature and chemical lock outs (with Hobart equipped chemical pumps)
- + Pumped drain
- + Timed wash cycles for 1, 2, 4 or 6 minutes
- + NSF pot and pan rating for 2-, 4- & 6- minute cycles
- + Sense-A-Temp™ 70°F (39°C) rise electric booster heater
- + Self-draining, high efficiency wash pump with stainless steel impeller
- + 27" (686 mm) door opening for 18" x 26" (457 x 660 mm) sheet pans or 60-quart (57 L) mixing bowl
- + Stainless steel drawn tank, tank shelf, chamber, trim panels, frame and feet
- + Spring counterbalanced chamber with UHMW guides
- + X-shaped revolving, interchangeable upper and lower anti-clogging wash arms
- + Revolving, interchangeable upper and lower rinse arms
- + Slanted, self-locating, one-piece scrap screen and basket system
- + Automatic fill
- + Door actuated start
- + AutoClean
- + Vent fan control
- + Service diagnostics
- + Straight-through or corner installation
- + Delime cycle with notification (field activated)
- + Sheet pan rack

SPECIFIER STATEMENT

Specified unit will be a Hobart AM16 Tall Base electric high temperature dishwashing machine. Features include 3-sided pillarless hood, touchscreen controls with WiFi connectivity, NSF pot and pan rating for 2-, 4- & 6-minute cycles, 27" (686 mm) door opening, pumped drain, auto door start with auto fill, interchangeable stainless steel rinse arms and X-shaped wash arms, delime cycle, advanced diagnostics and service connection, up to 60 racks per hour, .67 U.S. gallons (2,5 L) per rack pumped final rinse.

1 year parts and labor warranty.

OPTIONS & ACCESSORIES (Available at extra cost)

- Peg rack
- Combination rack
- Chemical pumps
- Splash shield for corner installations
- Flanged and seismic feet
- Water hammer arrestor kit
- Rapid fill kit
- Sink integration kit
 - Sink saddle & 3" (76 mm) leg extension
 - Sink rail kit
 - Fold down table
- Drain water tempering kit

AM16 SERIES – AM16T-BAS TALL BASE ELECTRIC

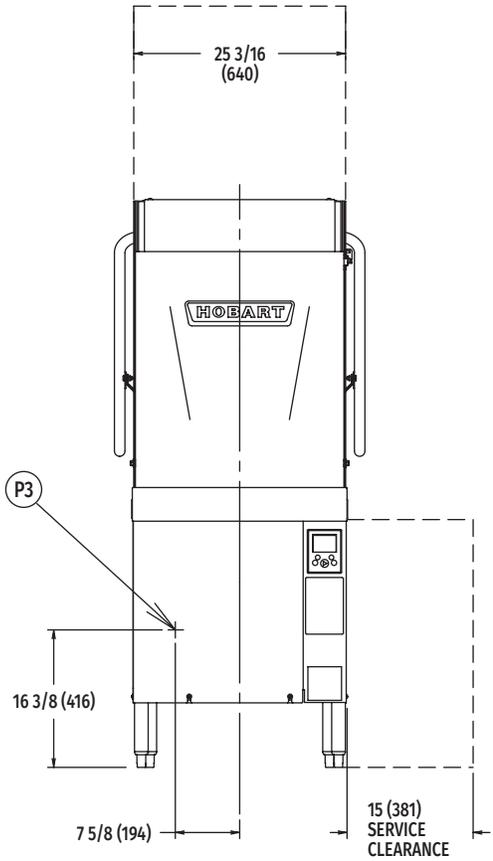
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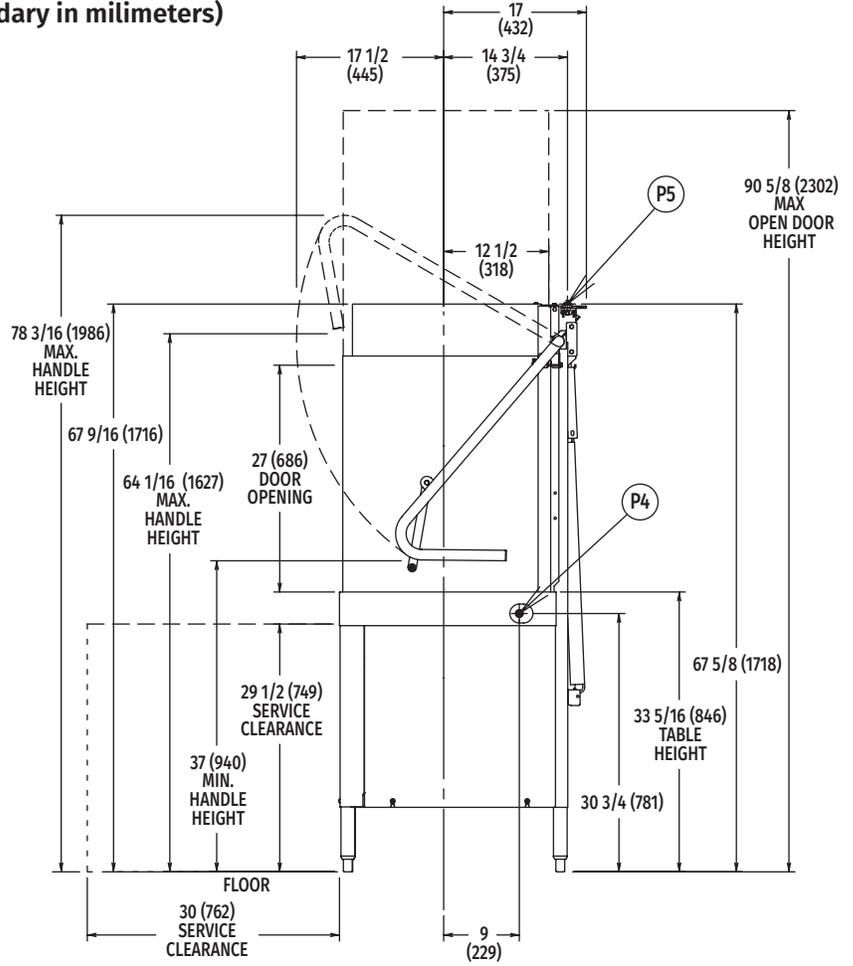
AM16T-BAS TALL BASE ELECTRIC

High Temperature
Door-Style Dishwashing Machine

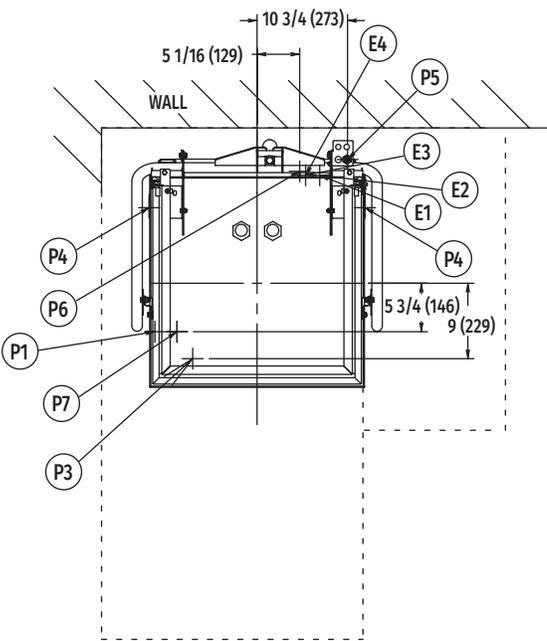
Primary measurements in inches (secondary in millimeters)



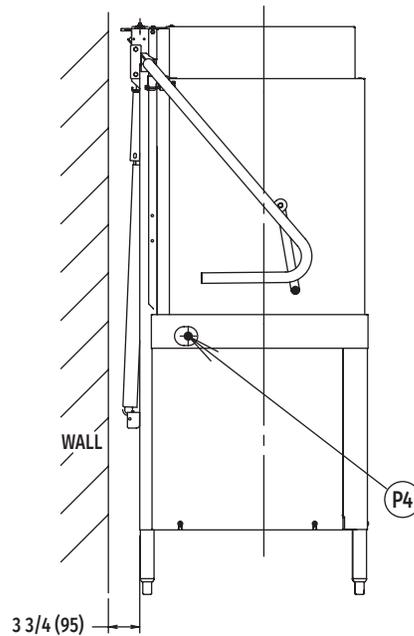
Front View



Right Side View



Top View



Left Side View

MODEL:
AM16T-BAS
E-950440

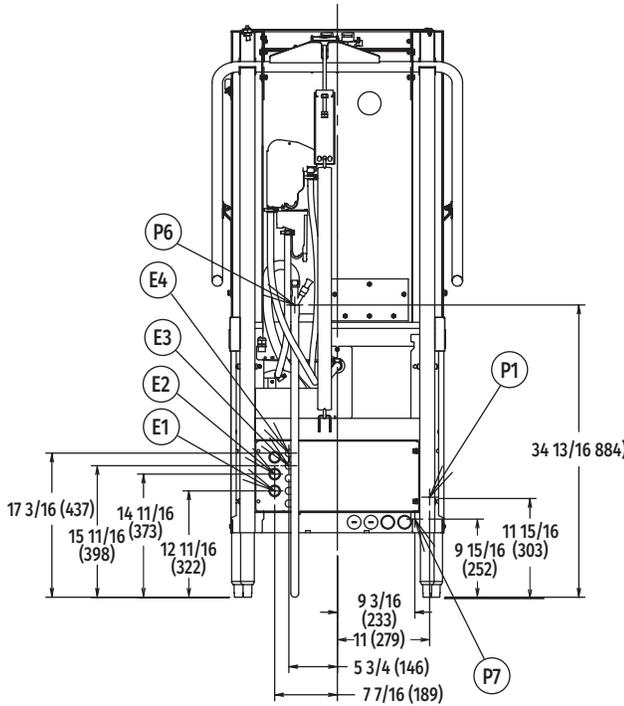


AM16T-BAS TALL BASE ELECTRIC

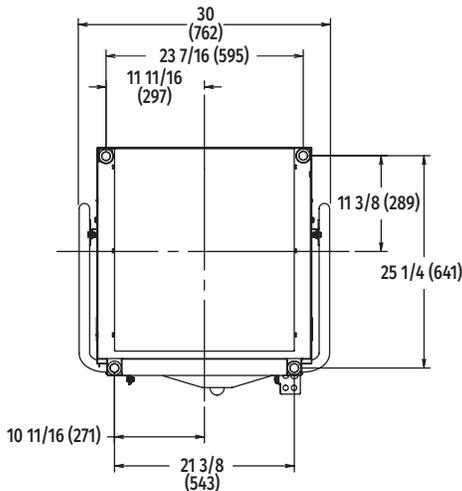
High Temperature Door-Style Dishwashing Machine

WARNING: Electrical and grounding connections must comply with the applicable portion of the National Electrical Code and/or other local electrical codes.

Plumbing connections must comply with applicable sanitary, safety, and plumbing codes.



Rear View



Bottom View

LEGEND

Electrical Connections	
E1	Electrical connection: wash pump motor & sump heater, 1" or 3/4" (25 or 19 mm) conduit hole; 12-11/16" (322 mm) AFF.
E2	Electrical connection: electric booster & controls only or single point electrical connection (3PH only), 1" or 3/4" (25 or 19 mm) conduit hole; 14-11/16" (373 mm) AFF.
E3	Electrical connection: detergent & rinse agent feeders, (DPS1 & DPS2) 1.5 amps @ nameplate supply voltage, (RPS1 & RPS2) 1.5 amps @ nameplate supply voltage; 1/2" (13 mm) conduit hole, 15-11/16" (398 mm) AFF.
E4	Electrical connection: vent fan control (VFC1 & VFC2) switching circuit only 1.5 amps @ nameplate supply voltage; 1/2" (13 mm) conduit hole, 17-3/16" (437 mm) AFF.
Plumbing Connections	
P1	Common water connection including booster heater: 110°F (43°C) water minimum, 15-65 PSI (103-448 kPa) recommended; 3/4" (19 mm) female garden hose fitting on 6' (1829 mm) long hose supplied with machine; 11-15/16" (303 mm) AFF.
P3	Detergent probe sensor: remove cap and stud assembly to access 7/8" (22 mm) hole; 16-3/8" (416 mm) AFF.
P4	Detergent feeder: two locations available. Remove cap and stud assembly to access 7/8" hole (22 mm); 30-3/4" (781 mm) AFF.
P5	Rinse agent feeder: remove 1/8" (3,2 mm) NPT pipe plug to access 1/8" (3,2 mm) NPT tapped hole; 67-5/8" (1718 mm) AFF.
P6	Drain connection: 5/8" (16 mm) barb Fitting with 6' (1829 mm) hose supplied with machine; 34-13/16" (884 mm) AFF. Maximum height 40" (1016 mm) AFF.
P7	Optional - Cold water connection: 55°F (13°C) water minimum (drain water tempering - when ordered); 3/4" (19 mm) female garden hose fitting on 8' (2438 mm) long hose; 9-5/16" (237 mm) AFF.

SPECIFICATIONS

Capacities

Racks Per Hour (maximum)	60
Dishes per Hour (average 25 per rack)	1,500
Glasses per Hour (average 45 per rack)	2,700
Wash Tank (U.S. gallons/Liters)	10.5 (39,7)

Motor Horsepower (watts)

Rinse Pump	0.18 (134)
Wash Pump	.2 (1492)
Drain Pump	0.21 (157)

Rinse

Gallons (liters) per Rack	0.67 (2,5)
Gallons (liters) per Hour (maximum consumption)	40.2 (152)

Peak Rate of Drain Flow

Gallons (liters) per Minute (initial rate with full tank)	18.5 (70)
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Heating

Electric Booster (kW)	7.1
Electric Heating Unit (kW)	5.4

Exhaust Requirements 450 CFM (12,7 m³)

Shipping Weight (approximate) 357 lbs. (162) kg

Crated Dimensions 73.75"H x 36.5"W x 36.5"L (1873 x 927 x 927 mm)



AM16T-BAS TALL BASE ELECTRIC

High Temperature Door-Style Dishwashing Machine

E1 AM16 with Electric Heat (When Field Converted to Dual Point)			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
208-240/60/1	39.6	50	50
208-240/60/3	26.9	30	30
480/60/3	10.5	15	15
200-240/50/3*	22.1	30	30
380-415/50/3*	11.8	20	20

E2 9.5 kW Electric Booster & Controls (When Field Converted to Dual Point)			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
208-240/60/1	42.3	50	50
208-240/60/3	25.6	30	30
480/60/3	12.9	15	15
200-240/50/3*	25.6	30	30
380-415/50/3*	14.7	20	20

*These electrical specifications are not submitted for UL or CUL listing

E2 AM16 Single Point Electrical Service Connection as Shown Below			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
208-240/60/3	52.5	60	60
480/60/3	23.5	30	30
200-240/50/3*	47.7	60	60
380-415/50/3*	26.5	30	30

*These electrical specifications are not submitted for UL or CUL listing

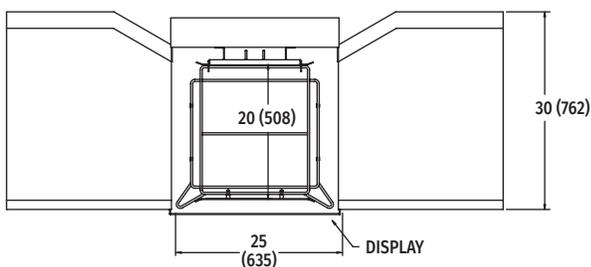
Miscellaneous Notes: All dimensions taken from floor line may increase 7/8" (22 mm) or decrease 3/8" (9,5 mm) depending on leg adjustment.

Vent hood (if required) to provide a minimum 450 CFM (12.7 M³) exhaust (ref installation instructions).

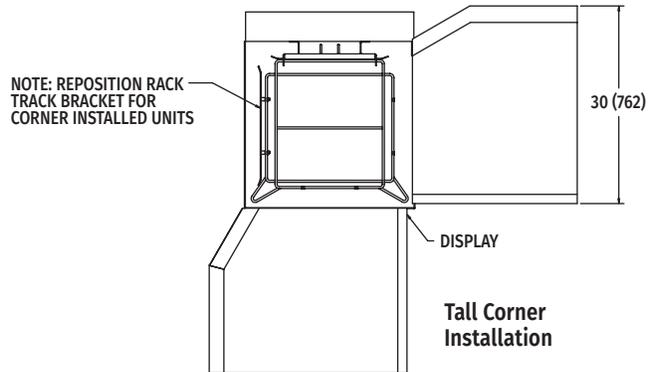
Net weight of machine including booster: 340 lbs (154 kg).
Domestic shipping weight including booster: 360 lbs (163 kg).

Size of racks – 19³/₄" x 19³/₄" (502 x 502 mm).

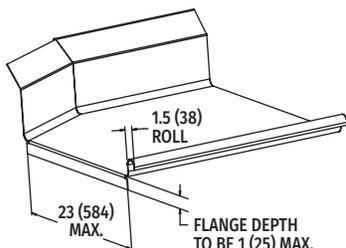
AM16T-BAS TABLING CONFIGURATIONS AND TRACK DESIGN



Pass Thru Installation

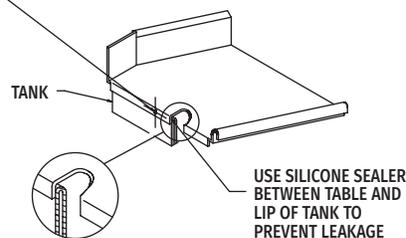


Tall Corner Installation



Suggested Table Design

- DRILL Ø 0.344 (8.7) HOLE THRU TANK WALL
- 5/16-18 (M8 x 1.25) SST TRUSS HD SCREW
- 5/16-18 (M8 x 1.25) SST LOCKWASHER
- 5/16-18 (M8 x 1.25) SST HEX HD NUT



As continued product improvement is a policy of Hobart, specifications are subject to change without notice.