



Commercial Kitchen Equipment Parts

HOBART AM16

Hobart AM16 Specification Sheet 4

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



AM16VLT-ADV TALL advansys[®] ELECTRIC High Temperature Ventless Door-Style Dishwashing Machine



SPECIFIER STATEMENT

Specified unit will be a Hobart AM16 Tall Advansys[™] electric high temperature ventless dishwashing machine. Features include drain water energy recovery, automatic soil removal, 3-sided hood, ventless operation and energy recovery, door lock, 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, auto delime, advanced diagnostics and service connection, up to 36 racks per hour, .67 U.S. gallons (2.5 L) per rack pumped final rinse.

1 year parts and labor warranty.

STANDARD FEATURES

- + .67 gallons (2.5 L) per rack pumped final rinse
- + 36 racks per hour – hot water sanitizing
- + Drain water energy recovery (DWER)
- + Automatic soil removal (ASR)
- + Ventless energy recovery
- + Pillar less opening
- + 3-sided hood
- + User-friendly smart touchscreen controls
- + Single point electrical connection standard, field convertible to dual point connection
- + 3 phase standard, field convertible to single phase
- + WiFi connectivity
- + SmartConnect app and cloud with machine status, temperature logs, error code reporting, and cost, consumption and usage analysis
- + Temperature and chemical lock outs (with Hobart equipped chemical pumps)
- + Pumped drain
- + Door lock
- + 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
- + Drain water tempering kit
- + Factory startup
- + Service diagnostics
- + Straight-through or corner installation
- + Auto delime
- + Sheet pan rack

OPTIONS & ACCESSORIES (Available at extra cost)

- ☐ Peg rack
- ☐ Combination rack
- ☐ ASR left-hand conversion kit
- ☐ 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

AM16 SERIES – AM16VLT-ADV TALL advansys[®] ELECTRIC

Approved by _____ Date _____ Approved by _____ Date _____



Primary Dimensions in US inches (secondary

29 13/16 (757)

HOEART

5 3/4 (146)

32 11/16 (830)

6 (152) TABLE SINK CLEARANCE

24 (610) SERVICE CLEARANCE

16 3/8 (416)

7 5/8 (184)

P3

[illegible]

Left Side View

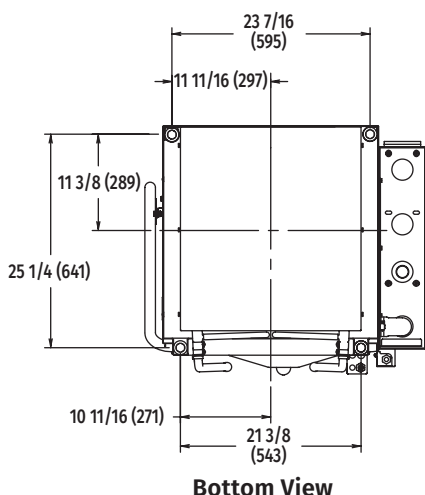
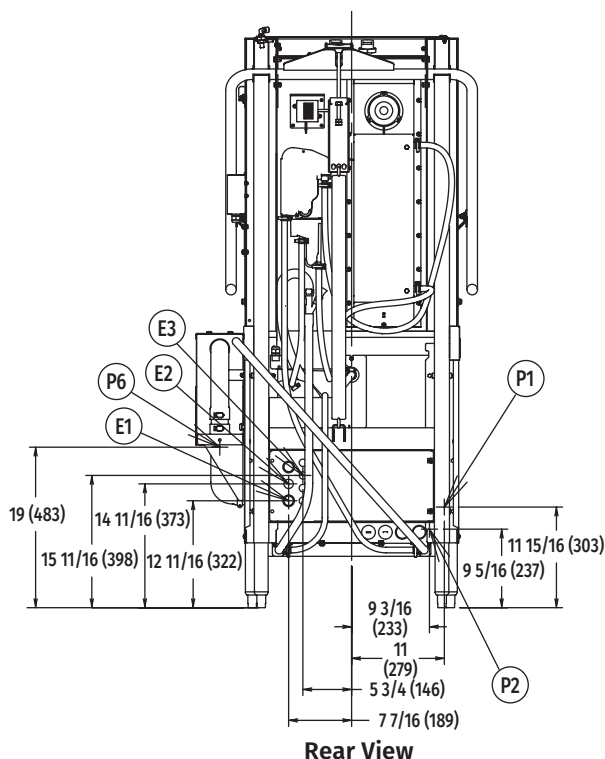
MODEL:
AM16VLT-ADV
E-950440



AM16VLT-ADV TALL **advansys** ELECTRIC

High Temperature Ventless Door-Style Dishwashing Machine

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



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.
Plumbing Connections	
P1	Common water connection including booster heater: 55°F (13°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.
P2	Optional – hot water connection: 110°F (43°C) water minimum (rapid fill accessory - when ordered); 3/4" (19 mm) female garden hose fitting on 6' (1829 mm) long hose 9-5/16" (244 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" (22 mm) hole; 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: includes machine drain system & drain water tempering (LH ASR accessory drain location on opposite side), 1-1/2" (38 mm) stainless steel tube fitting 19" (483 mm) AFF.

SPECIFICATIONS

Capacities

Racks Per Hour (maximum)	36
Dishes per Hour (average 25 per rack)	950
Glasses per Hour (average 45 per rack)	1,710
Wash Tank (U.S. gallons/Liters)	10.5 (39.7)

Motor Horsepower (Watts)

Rinse Pump	0.18 (134)
Wash Pump	.2 (1492)
ASR Pump	0.18 (134)
Drain Pump	0.21 (157)
Blower	0.05 (37.3)

Rinse

Gallons (Liters) per Rack	0.67 (2.5)
Gallons (Liters) per Hour (maximum consumption)	24.12 (91)

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

Shipping Weight (approximate) 427 lbs. (194 kg)

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



AM16VLT-ADV TALL **advansys** ELECTRIC

High Temperature Ventless Door-Style Dishwashing Machine

E1	AM16 with Electric Heat (When Field Converted to Dual Point)		
	Voltage	Rated Amps	Minimum Supply Circuit Ampacity
	208-240/60/1	39.6	50
	208-240/60/3	26.9	30

E2	AM16 Single Point Electrical Service Connection as Shown Below		
	Voltage	Rated Amps	Minimum Supply Circuit Ampacity
	208-240/60/3	53.5	60

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: 410 lbs (186 kg).
Domestic shipping weight including booster: 430 lbs (195 kg).
Size of racks – 19³/₄" x 19³/₄" (502 x 502 mm).

E2	9.5 kW Booster & Controls (When Field Converted to Dual Point)		
	Voltage	Rated Amps	Minimum Supply Circuit Ampacity
	208-240/60/1	43.3	50
	208-240/60/3	26.6	30

Approximate Heat Gain to Space without Vent Hood	
Type	BTU/Hr.
Latent	5,100
Sensible	5,300

Plumbing Notes: Water hammer arrestor (meeting ASSE-1010 standard or equivalent) to be supplied (by others) in common water supply line at service connection.

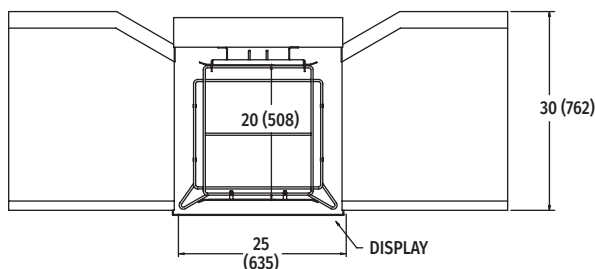
Recommended water hardness to be 3 grains (51.35 ppm) or less for best results.

Recommended building flowing water pressure to the dishwasher at or above 20 PSI (137.9 kPa). Pressures lower than 20 PSI (137.9 kPa) may affect machine fill/start-up times.

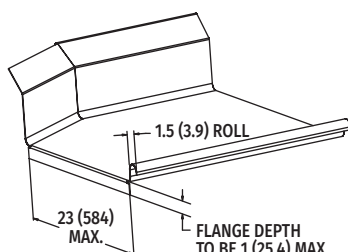
This is a pumped rinse machine. Pressure regulating valve is not necessary on hot or cold lines.

For convenience when cleaning, water tap should be installed near machine with heavy duty hose and squeeze valve.

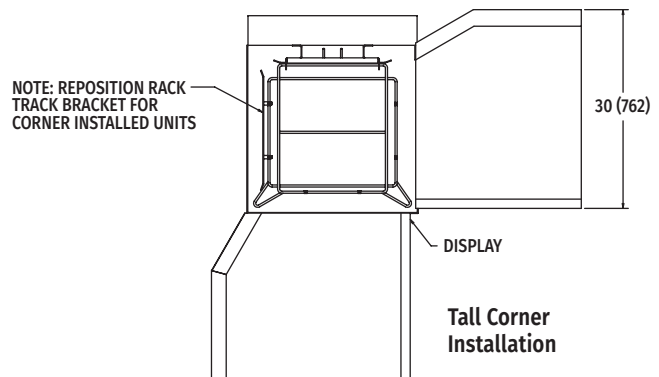
AM16VLT-ADV TABLING CONFIGURATIONS AND TRACK DESIGN



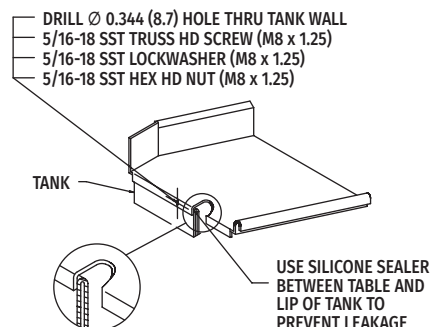
Pass Thru Installation



Suggested Table Design



Tall Corner Installation



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



Commercial Kitchen Equipment Parts

Find more Hobart equipment resources at

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