

## SECTION 11110

### LAUNDRY WASHER-EXTRACTOR, 150 LB. (68 KG) CAPACITY

#### PART 1 GENERAL

##### 1.01 SECTION INCLUDES:

- A. Automatic laundry washer-extractor for processing water-washed linen items

##### 1.02 SYSTEM DESCRIPTION

###### A. DESIGN REQUIREMENTS:

- 1. Construction: 304 or equal stainless steel cylinder, tub & cover panels
- 2. Input voltage: 208-240/60/3, 3 wire plus ground
- 3. Dry weight capacity: 150 lb. (68 kg)
- 4. Wash cylinder volume: 23.4 cu ft (662614 cu cm) minimum
- 5. Overall width: 50 inches (1270 mm) nominal
- 6. Overall height: 79 inches (2002 mm) nominal
- 7. Overall depth: 63 inches (1673 mm) nominal
- 8. Number & size of water supply inlet valves: 2 at 1 inch (25 mm) (1 inch [25 mm] NPTM connectors)  
2 at 3/4 inch (19 mm) (3/4 inch [19 mm] NMM connectors)
- 9. Number & size of drain outlets: 2 at 3 inch (76 mm)
- 10. Overflow: Internally plumbed
- 11. Control system: Programmable microprocessor
- 12. Cylinder drive: Single motor, 10 hp, capable of 701 RPM maximum

###### B. PERFORMANCE REQUIREMENTS:

- 1. Number of selectable cylinder speeds: 8, including 1/2 wash speed for processing delicate items
- 2. G-force at highest extract speed: 300 G's
- 3. Chemical supply system
  - a. manually filled 5 compartment dry chemical dispensing system
  - b. automatic flushing & connections for 5 external supply lines & control signals for 8 external supplies
- 4. Configured for possible future addition of water reuse system
- 5. Through the door jet-spray rinse system
- 6. Control system
  - a. Programmable microprocessor; (manual keypad, Windows PDA or PC);
  - b. 41 cycle capability with graphic display of words or icons
  - c. PC software interface with laundry management reports, network capability
  - d. Real-time clock allows time/date stamp of 100+ items; maintenance reminders
  - e. 30 programmable water levels
  - f. Temperature controlled fill and thermal cool-down capable
  - g. Water monitoring: slow drain and auto leak detection system

h. Diagnostic capabilities

7. Drain valves automatically open in event of power failure

1.03 DELIVERY, STORAGE & HANDLING

A. ACCEPTANCE AT SITE:

1. Inspect machine for damage prior to acceptance. If damage is found, follow freight handler's procedure for claims.

B. STORAGE & PROTECTION

1. Machine should be stored in a site protected from weather, direct sunlight & temperature extremes. Do not remove packaging prior to storage.

2. If machine is to be stored for an extended period of time, consult manufacturer for special requirements.

1.04 SYSTEM STARTUP & COMMISSIONING

A. Machine installation should be inspected by local manufacturer's representative prior to startup & operation. The party installing the machine is responsible for setting the schedule for this inspection.

**PART 2 PRODUCTS**

A. Source quality

B. Alliance Laundry Systems, UniMac, obtain commercial laundry equipment from a single manufacturer

1.02 QUALIFIED MODELS

A. UniMac model **UWN150T3V** (no substitution)

**PART 3 EXECUTION**

1.01 INSTALLATION

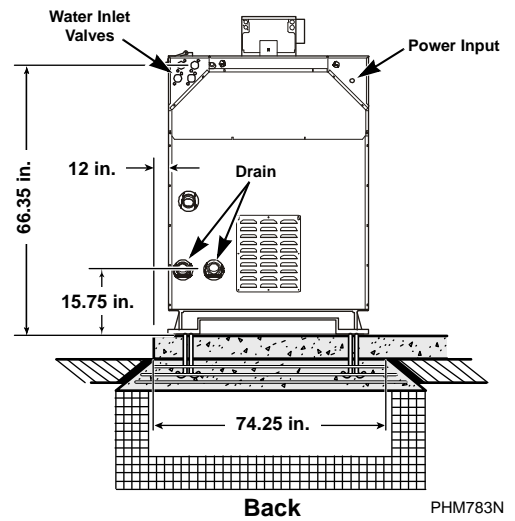
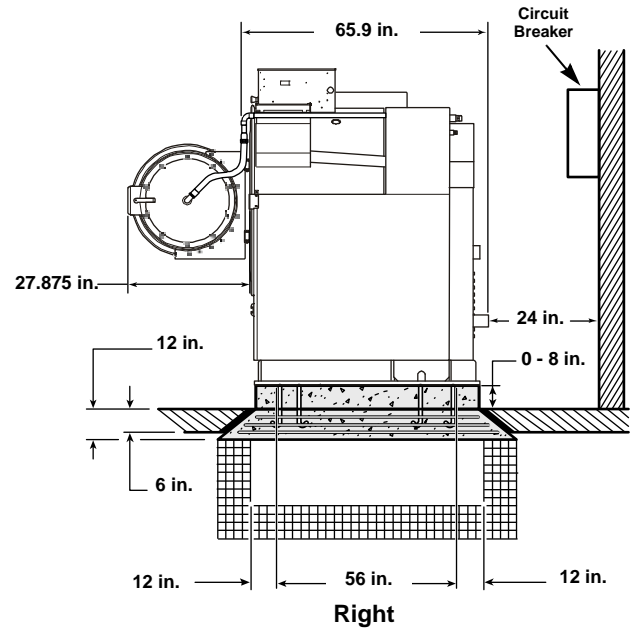
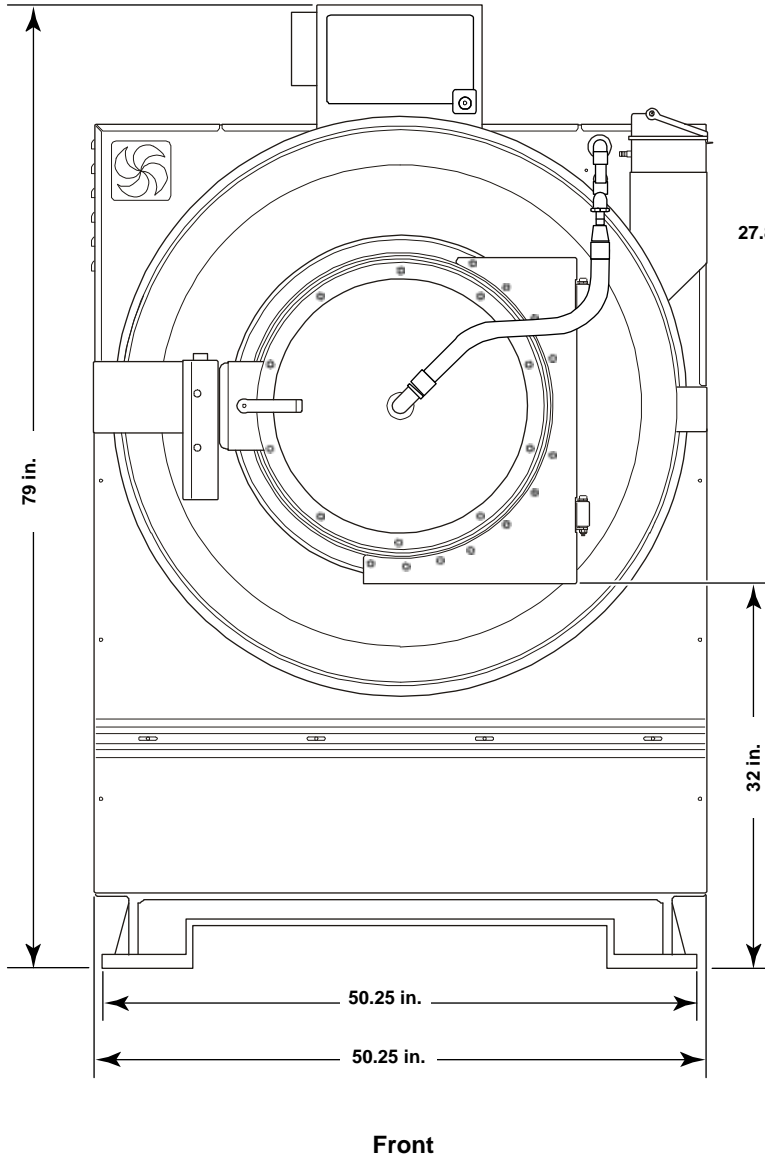
A. Refer to & comply with manufacturer's installation instructions. Do not deviate without permission from site owner, architect, general contractor & manufacturer's local representative.

# Machine Dimensions and Specifications

## Models UWN150T3VQ and UWN150T3VR



### Dimensions and Foundation Requirements



PHM783N

### Electrical Specifications

Voltage Designation					Non-Electric Heat Machines (Standard)			
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Breaker (Non Fused)	AWG	mm <sup>2</sup>
Q	200-240	50/60	3	3	16	20	12	4
R	380-480	50/60	3	3	11	15	14	2.5

### Water, Drain and Weight Specifications

Drain: Number (Size)	2 (3 in.)
Fill Water Inlets: Number (Size)	4 (Fill: 1 in. Spray: 0.5 in.)
Weight: Machine (With Shipping Packaging)	2970 lbs. (3022 lbs.)
Side Clearance:	6 in. (minimum) 18 in. (recommended)