

SECTION 11110**LAUNDRY WASHER-EXTRACTOR, 160 LB. (72.6 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 and cover panels
2. Input voltage: N: 440-480/50/60/3; 3 wire plus ground
Q: 220-240/50/60/3; 3 wire plus ground
P: 308-415/50/60/3; 3 wire plus ground
3. Dry weight capacity: 160 lb. (72.6 kg)
4. Wash cylinder volume: 24.1 cu ft (682436 cu cm) minimum
5. Overall width: 46.12 inches (1171 mm) nominal
6. Overall height: 76.05 inches (1932 mm) nominal
7. Overall depth: 60 inches (1524 mm) nominal
8. Number and size of water connections: 2 with 1 inch (25 mm) NH male connections
2 with 3/4 inch (19 mm) NH male connections
9. Number and 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, inverter driven; capable of 710 RPM

B. PERFORMANCE REQUIREMENTS:

1. Number of selectable wash speeds: variable 10-50 rpm
2. Number of selectable extract speeds: 5
3. G-force at highest extract speed: 300
4. Chemical supply system
 - a. automatic flushing and 8 external supply signals
 - b. manually filled 5 compartment dry chemical dispensing system (optional - designated by T3V in the model number)
5. Configured for possible future addition of water reuse system
6. Through door jet spray rinse system
7. Control system
 - a. programmable microprocessor (manual, PDA or laptop PC)
 - b. 41 cycle capacity

- c. 30 programmable water levels
 - d. graphic display with words and icons
 - e. automatic maintenance reminders
 - f. PC software with management reports
 - g. real-time clock allows time and date stamp to 100+ items
 - h. water monitoring: fill value, slow drain and automatic leak detection system
 - i. diagnostic capabilities
- 8. Drain valve automatically opens in event of power failure
 - 9. Bearing protection: Viton seals

1.03 DELIVERY, STORAGE AND 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 AND PROTECTION

- 1. Machine should be stored in a site protected from weather, direct sunlight and 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 AND COMMISSIONING

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

PART 2 PRODUCTS

2.01 MANUFACTURERS

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

2.02 QUALIFIED MODELS

- A. UniMac models **UWN160T4V** and **UWN0160T3V** - with soap box option (no substitution)

PART 3 EXECUTION

3.01 INSTALLATION

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

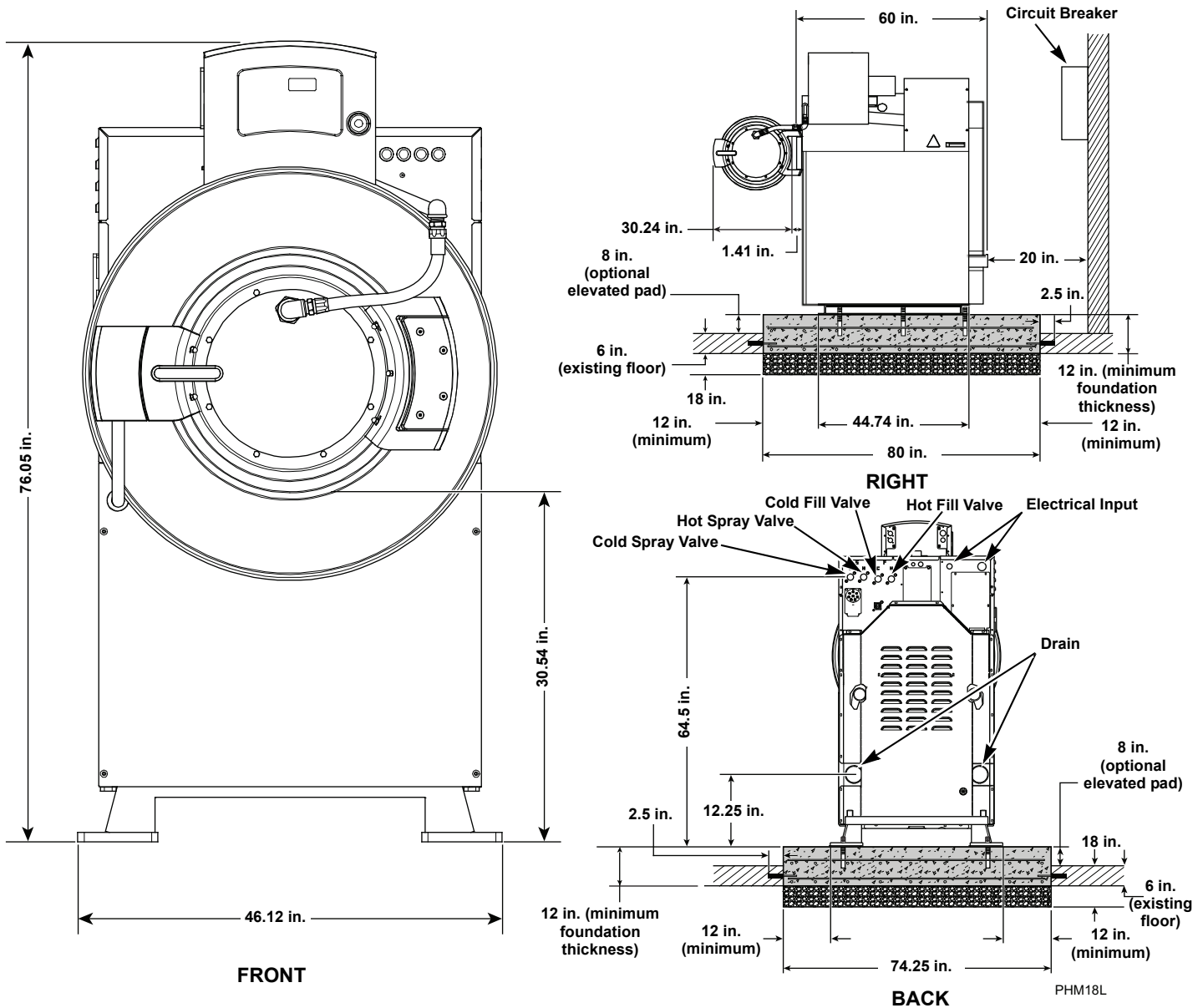
Machine Dimensions and Specifications

Models UWN160T4V



Design 4

Dimensions and Foundation Requirements



Electrical Specifications

Code	Voltage Designation			Standard			Electric Heat			
	Voltage	Cycle	Phase	Wire	Full Load Amps	Breaker (Non Fused)	AWG	Full Load Amps	Breaker (Non Fused)	AWG
Q	220-240	50/60	3	3	22	30	10		N/A	
N	440-480	50/60	3	3	12	15	14		N/A	
P	380-415	50/60	3	3	12	15	14		N/A	

Water, Drain and Weight Specifications

Drain: Number (Size)	2 (3 in.)
Water Connections: Number (Size)	4 (Hot/Cold Fill: 1 in. Hot/Cold Spray: 0.75 in.)
Weight: Machine (With Shipping Packaging)	2070 lbs. (2130 lbs.)
Side Clearance:	18 in. (minimum)