

**SECTION 11110****LAUNDRY WASHER-EXTRACTOR, 105 LB. (47.6 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: 105 lb. (47.6 kg)
4. Wash cylinder volume: 15.9 cu ft (450238 cu cm) minimum
5. Overall width: 40.12 inches (1019 mm) nominal
6. Overall height: 69.08 inches (1754 mm) nominal
7. Overall depth: 56.49 inches (1435 mm) nominal
8. Number and size of water connections: 4 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, 7.5 hp, inverter driven; capable of 766 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 **UWN105T4V** and **UWN105T3V** - 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.

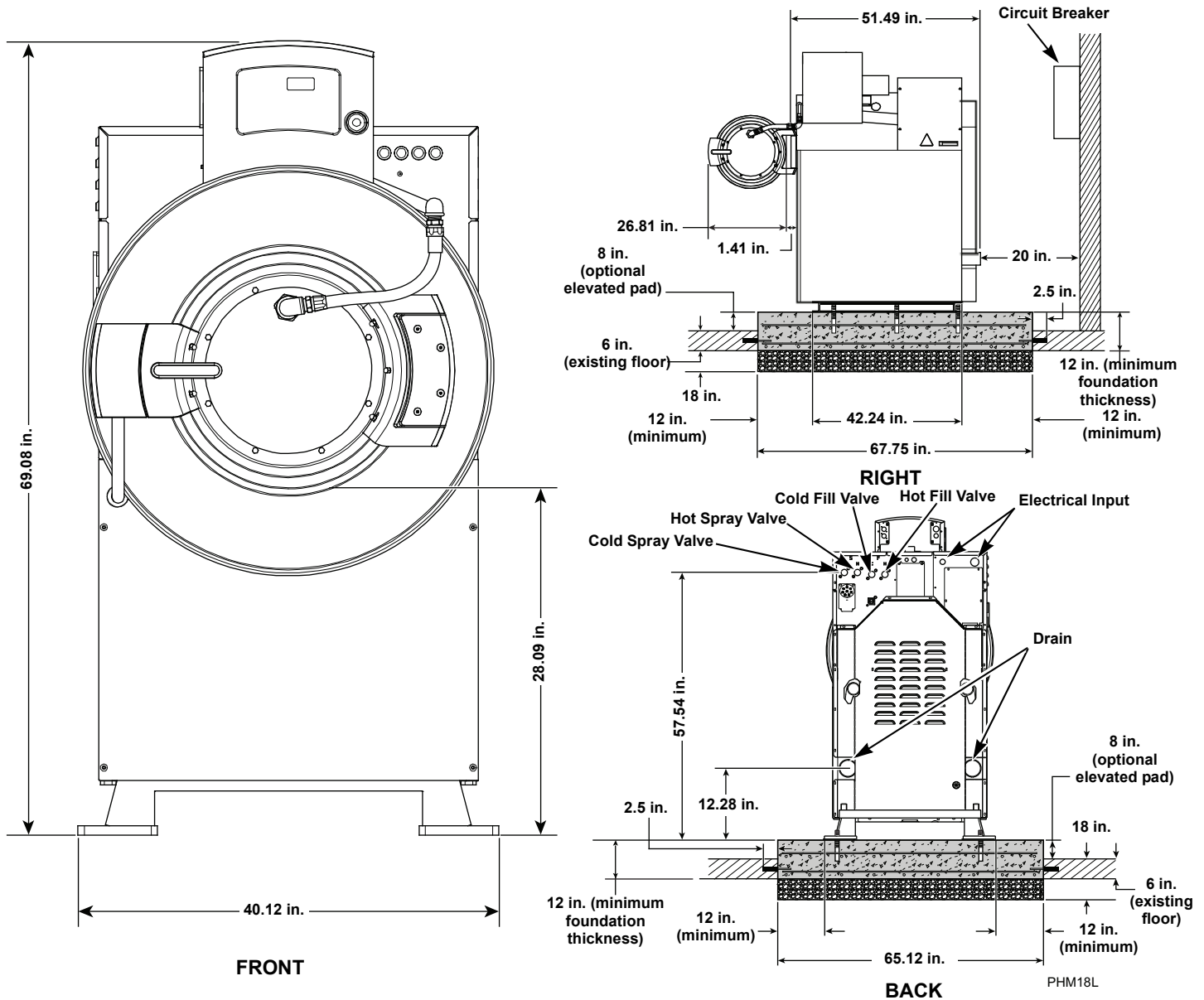
# Machine Dimensions and Specifications

Models UWN105T4V



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	16	20	12	108	110	2
N	440-480	50/60	3	3	10	15	14	40	50	8
P	380-415	50/60	3	3	10	15	14	36	40	8

## Water, Drain and Weight Specifications

Drain: Number (Size)	2 (3 in.)
Water Connections: Number (Size)	4 (Hot/Cold Fill: 0.75 in. Hot/Cold Spray: 0.75 in.)
Weight: Machine (With Shipping Packaging)	1700 lbs. (1750 lbs.)
Side Clearance:	18 in. (minimum)