

## SECTION 11110

### LAUNDRY WASHER-EXTRACTOR, 25 LB. (11.3 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, front & top panels
2. Input voltage: 208-240/60/1 or 3, 3 wire plus ground
3. Dry weight capacity: 25 lb. (11.3 kg)
4. Wash cylinder volume: 3.43 cu ft (118,648 cu cm) minimum
5. Overall width: 26 inches (660 mm) nominal
6. Overall height: 40-3/5 inches (1031 mm) nominal
7. Overall depth: 34-1/3 inches (871 mm) nominal
8. Number & size of water supply inlet valves: 3 at 1/2 inch (13 mm), all with 3/4NH (19 mm) male connections
9. Number & size of drain outlets: 1 at 2 inch (51 mm)
10. Overflow: Internally plumbed
11. Control system: Programmable microprocessor
12. Cylinder drive: Direct motor 1 hp, capable of 1000 RPM maximum, using a rotation sensor to monitor performance
13. Bearing lubrication: Shall use permanently lubricated bearings
14. Door mechanism: Shall use a push button handle for ease of use

###### B. PERFORMANCE REQUIREMENTS:

1. Number of selectable cylinder speeds: 7, including 1/2 speed for processing delicate items
2. G-force at highest extract speed: 296 G's
3. Chemical supply system
  - a. manually filled 3 compartment dry chemical dispensing system
  - b. automatic flushing & connections for 8 external liquid supply lines & control signals for 5 external supplies
4. Programmable infinite water levels
5. Control system
  - a. programmable microprocessor
  - b. 99 cycle capacity
  - c. RS-232 PC link for programming
  - d. capable of precise temperature controlled fills

- e. thermal cooldown
  - f. overnight soak
  - g. cycle count
  - h. time remaining display
6. Drain valve automatically opens 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 LLC - UniMac, obtain commercial laundry equipment from a single manufacturer

1.02 QUALIFIED MODELS

- A. UniMac model **UX25PV** (no substitution)

**PART 3 EXECUTION**

1.01 INSTALLATION

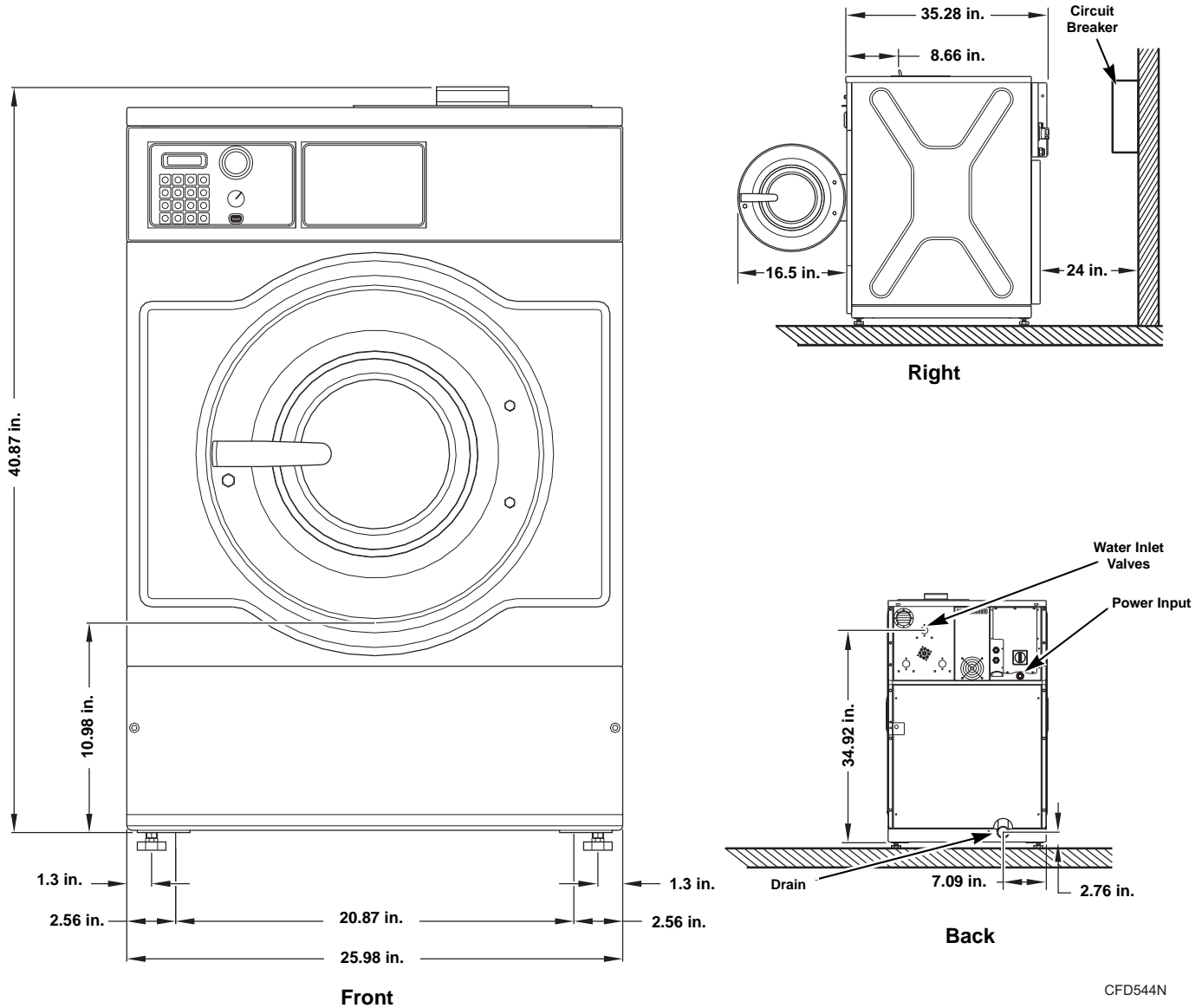
- A. Refer to & comply with manufacturer's installation instructions. Do not deviate without permission from site owner, architect, general contractor & manufacturer's local representative.

# Machine Dimensions and Specifications

Model UX25PV



## Dimensions and Foundation Requirements



## 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> |
| N                   | 440-480 | 50/60 | 3     | 3+PE   | 6                                     | 15                  | 14  | 2.5             |
| X                   | 200-240 | 50/60 | 1/3   | 2/3+PE | 10                                    | 15                  | 14  | 2.5             |

## Water, Drain and Weight Specifications

|                                           |                                         |
|-------------------------------------------|-----------------------------------------|
| Drain: Number (Size)                      | 1 (2 in.)                               |
| Fill Water Inlets: Number (Size)          | 3 (0.75 in.)                            |
| Weight: Machine (With Shipping Packaging) | 520 lbs. (569 lbs.)                     |
| Side Clearance:                           | 6 in. (minimum)<br>18 in. (recommended) |