

SECTION 11110

LAUNDRY WASHER-EXTRACTOR, 80 LB. (36.3 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 & cover panels
2. Input voltage: 208-240/60/3, 3 wire plus ground
3. Dry weight capacity: 80 lb. (36.3 kg)
4. Wash cylinder volume: 12.4 cu ft (351,129 cu cm) minimum
5. Overall width: 41-1/2 inches (1054 mm) nominal
6. Overall height: 56-3/16 (1427 mm) inches nominal
7. Overall depth: 51-1/2 inches (1384 mm) nominal
8. Number & size of water supply inlet valves: 2 at 3/4 inch (19 mm), all with 3/4NH (19 mm) male connections
9. Number & size of drain outlets: 1 at 3 inch (76 mm)
10. Overflow: Internally plumbed
11. Control system: Programmable microprocessor
12. Cylinder drive: Direct drive V belt system
13. Drive motor: 5 hp

B. PERFORMANCE REQUIREMENTS:

1. Number of selectable cylinder speeds: 8
2. G-force at highest extract speed: 140 G's
3. Chemical supply system
 - a. manually filled 4 compartment dry chemical dispensing system
 - b. automatic flushing & connections for 4 external supply lines & control signals for 5 external supplies
4. 2 independently controlled water levels
5. Control system
 - a. Programmable microprocessor; (manual, PDA or laptop PC)
 - b. 30 programmable cycles
 - c. 31 programmable water levels
 - d. Real time clock to record events by date and time
 - e. Cycle counter
 - f. Temperature controlled fill and thermal cool-down

- g. Water monitoring: slow drain and auto leak detection system
 - h. Diagnostic capabilities
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 **UCN080KNV** (no substitutions permitted)

PART 3 EXECUTION

1.01 INSTALLATION

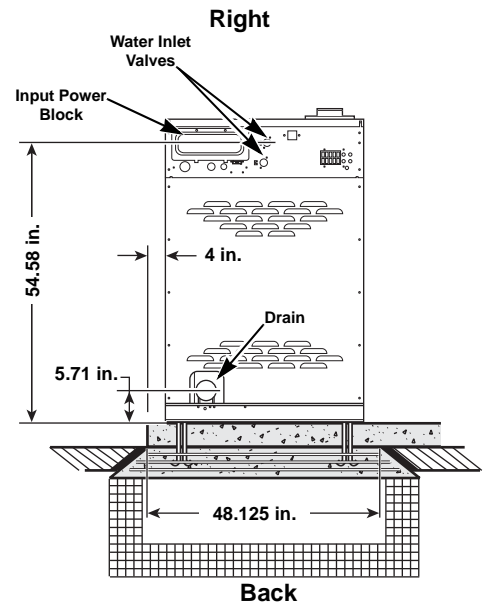
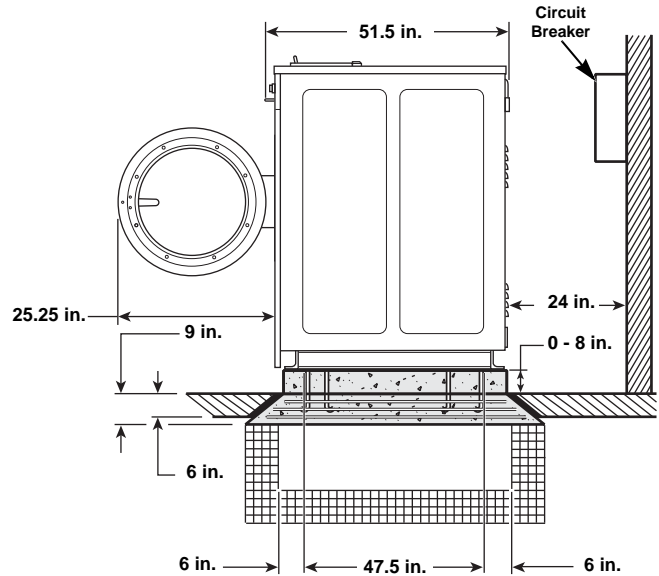
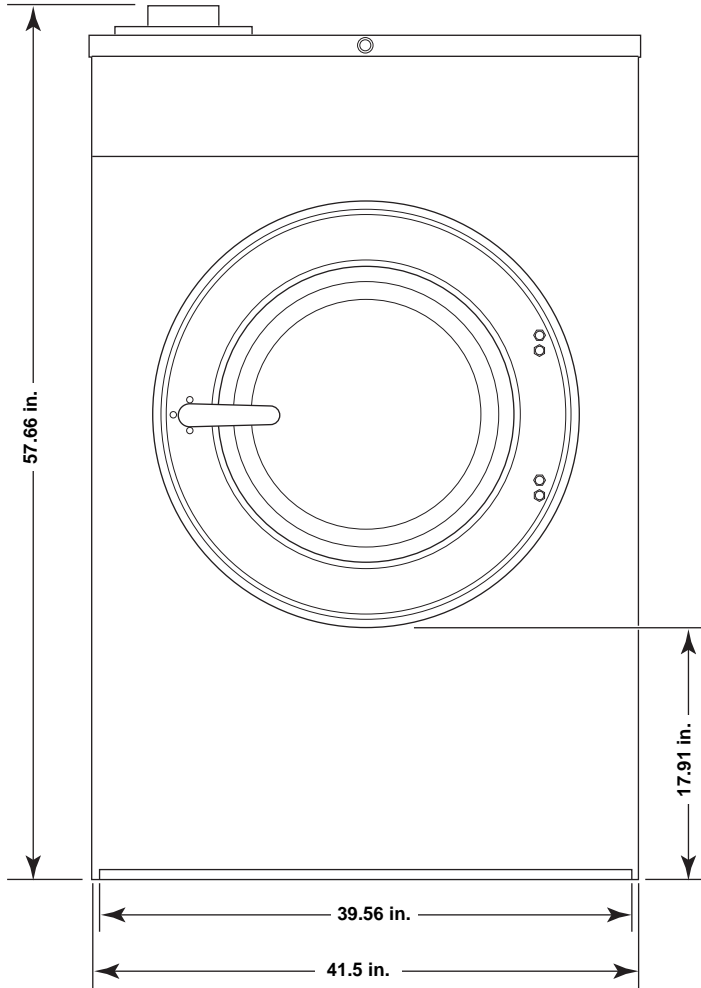
- A. Refer to & comply with manufacturer's installation instructions, document number F232135. Do not deviate without permission from site owner, architect, general contractor & manufacturer's local representative.

Machine Dimensions and Specifications

Models UCN080GNF, UCN080HNV,
and UCN080KNV



Dimensions and Foundation Requirements



CHM2290N

Electrical Specifications

Voltage Designation					Non-Electric Heat Machines (Standard)			
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Breaker (Non Fused)	AWG	mm ²
Q	200-240	50/60	3	3	11	15	14	2.5
R	380-480	50/60	3	3	8	15	14	2.5
X	200-240	50/60	1/3	2/3	15/8	20/15	12/14	4/2.5

Water, Drain and Weight Specifications

Drain: Number (Size)	1 (2 in.)
Fill Water Inlets (3/4 inch): Number (Size)	2 (0.5 in.)
Weight: Machine (With Shipping Packaging)	1374 lbs. (1461 lbs.)
Side Clearance:	6 in. (from wall) .5 in. (between machines)