SECTION 11110

LAUNDRY WASHER-EXTRACTOR, 30 LB. (13.6 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 & cover panels
      2. Input voltage: 208-240/60/3, 3 wire plus ground
      3. Dry weight capacity: 30 lb. (13.6 kg)
      4. Wash cylinder volume: 4.19 cu ft (118,600 cu cm) minimum
      5. Overall width: 29 inches (737 mm) nominal
      6. Overall height: 45 inches (1143 mm) nominal
      7. Overall depth: 31-9/16 (802 mm) inches nominal
      8. Number & size of water supply inlet valves: 2 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 drive V belt system
     13. Drive motor: 1.34 hp
   
   B. PERFORMANCE REQUIREMENTS:
      1. Number of selectable cylinder speeds: 2
      2. G-force at highest extract speed: 75 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
         b. 4 cycle capacity
         c. 30 programmable water levels
         d. Programmable water temperature, hot, warm or cold
         e. Cycle counter
      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 **UCN030GN2** (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.
**Dimensions and Foundation Requirements**

**Electrical Specifications**

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**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) | 489 lbs. (530 lbs.)
- Side Clearance: | 2 in. (from wall) .5 in (between machines)

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Part No. 10-09-259
December 2009