

SECTION 11110

LAUNDRY WASHER-EXTRACTOR, 20 LB. CAPACITY

PART 1 GENERAL

1.01 SECTION INCLUDES:

- A. Freestanding 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 and top panels
2. Input voltage: X: 200-240/60/1 or 3; 2 (L1, L2 or L1, N)
N: 440-480/60/3; 3 (L1, L2, L3)
3. Dry weight capacity: 20 lb.
4. Wash cylinder volume: 2.65 cu ft minimum
5. Overall width: 28 inches nominal
6. Overall height: 44.70 inches nominal
7. Overall depth: 30.70 inches nominal
8. Number and size of water supply inlet valves: 2 with 3/4 inch BSP male connections (2 standard, 1 optional)
9. Number and size of drain outlets: 1 at 3 inch
10. Overflow: Internally plumbed
11. Control system: Programmable microprocessor
12. Cylinder drive: Single motor, 1 hp, capable of 1165 RPM maximum, using a rotation sensor to monitor performance

B. PERFORMANCE REQUIREMENTS:

1. Number of selectable cylinder speeds: -
2. G-force at highest extract speed: 400 G's
3. Chemical supply system
 - a. manually filled 5 compartment dry chemical dispensing system
 - b. automatic flushing and connections for 11 external supply lines and control signals for 8 external supplies
4. 21 Programmable water levels
5. Control system
 - a. programmable microprocessor
 - b. 99 cycle capacity
 - c. RS-485 PC link for programming
 - d. USB Drive
 - e. capable of precise temperature controlled fill/thermal cooldown

- f. overnight soak
 - 6. Drain valve automatically open in event of power failure
- 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.

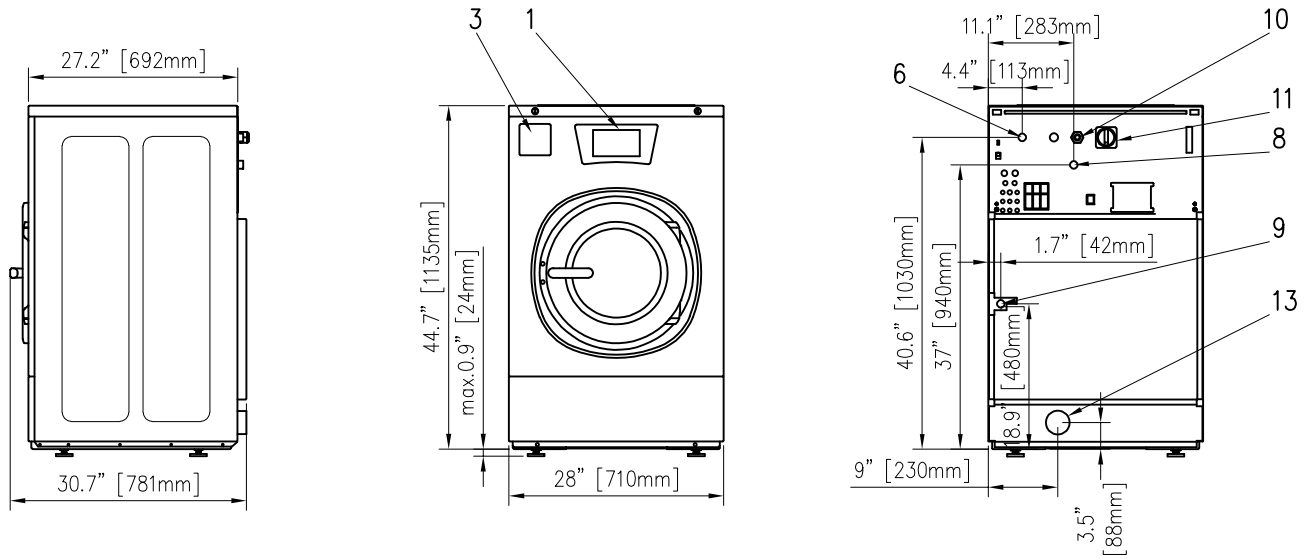
PART 2 PRODUCTS

- 2.01 MANUFACTURERS
 - A. Alliance Laundry Systems LLC - UniMac, obtain commercial laundry equipment from a single manufacturer
- 2.02 QUALIFIED MODELS
 - A. UniMac model **UYT020** (no substitution)

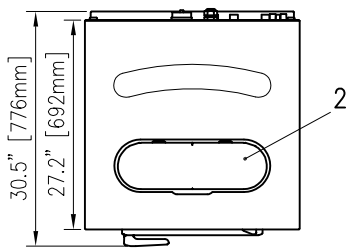
PART 3 EXECUTION

- 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.

UYT020



LAYOUT



LEGEND:

1. Control panel
2. Soap dispenser
3. Centralstop button
4. Liquid soap connection
5. Recycled water inlet
6. Cold water inlet
7. -
8. Hot water inlet
9. Steam inlet (option - steam heating)
(pos.14 = D)
10. Electrical connection
11. Main switch
12. USB port
13. Drain outlet

18-Digit SKU	UYT020VN0HXUB0C0BA	UYT020VN0HNUB0C0BA
Capacity	20 lb / 7.5 kg	
Inner drum dimensions		
diameter	530 mm / 20.87"	
depth	350 mm / 13.78"	
drum volume	75 l / 2.65 ft3 / 19.81 gal	
Drum revolutions		
wash	49 rpm	
high extraction	1165 rpm	
G-factor	400	
Weight		
netto	185 kg / 408 lbs	
shipping weight	200 kg / 441 lbs	
Max. static load (with textile and water)	517 lbs / 2.3 kN	
Max. dynamic load (intermittent vibrations)	428 ± 112 lbs / 1.9 ± 0.5 kN	
Frequency of dynamic load	19.4 Hz	
Electrical specification		
Voltage (pos.11 in model number)	200-240V 50/60Hz 1ph (X)	440-480V 50/60Hz 3ph (N)
Rated motor power	0.75 kW / 1 hp	0.75 kW / 1 hp
Wire	2 (L1, L2 or L1, N)	3 (L1, L2, L3)
Full Load Amps	6.7 A	2.5 A
Circuit breaker	10 A	10 A
Water, Drain and Steam specification		
Water inlet connection size	2x 3/4"	
Water pressure	44 - 73 psi / 0.3 – 0.5 MPa	
Inlet flow capacity per inlet	5.28 gal/min / 20 l/min	
Drain connection size - gravity	3" / 76 mm	
Flow volume through drain valve	55.5 gal/min / 210 l/min	
Steam inlet connection size (for pos.14=D)	1/2"	
Steam pressure	15 - 116 psi / 0.1 – 0.8 MPa	
Liquid detergents	8x ø8mm, 3x ø12mm (int. diam.)	