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:	Q:200-240/50- 60/3;3 wire plus ground N:440-480/50- 60/3;3 wire plus ground
3.	Dry weight capacity (lbs. [kg]):	105 [47.6]
4.	Wash cylinder volume (ft^3 [l]):	15.9 [450] minimum
5.	Overall width (in. [mm]):	40.1 [1019] nominal
6.	Overall height (in. [mm]):	69.1 [1755] nominal
7.	Overall depth (in. [mm]):	56.2 [1427] nominal
8.	Number and size of water connections:	2(Main fill) connections with 3/4 in. NH male connections
9.	Number and size of drain outlets:	1 outlet at 3 in.
10.	Overflow:	Internally plumbed
11.	Control system:	Programmable microprocessor
12.	Cylinder drive:	Inverter drive, poly V belt system
13.	Drive motor (hp [kW]):	7.5 [5.6]

B. PERFORMANCE REQUIREMENTS:

1.	Number of selectable wash speeds:	Variable 10-50 rpm
2.	Number of selectable extract speeds (RPM [G]):	Variable 70 [2.5] - 626 [200]
3.	RPM [G] at highest extract speed:	626 [200]

4. Chemical supply system
   a. automatic flushing and 8 external supply signals
   b. manually filled 5 compartment dry chemical dispensing system (optional - designated by N10M in the model number)
5. Configured for possible future addition of water reuse system

6. Control system
    a. programmable microprocessor; (manual, PDA, laptop via IR)
    b. 30 programmable cycles
    c. 30 programmable water levels
    d. cycle counter
    e. temperature controlled fill and thermal cool down
    f. water monitoring: fill value, slow drain and automatic leak detection system
    g. diagnostic capabilities
7. Drain valve automatically opens in event of power failure
8. Bearing protection: ozone resistant 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 LLC - UniMac, obtain commercial laundry equipment from a single manufacturer

2.02 QUALIFIED MODELS

A. UniMac model **UWT105N20M** (without soapbox) and **UWT105N10M** (with soap box option [no substitutions])

PART 3 EXECUTION

3.01 INSTALLATION

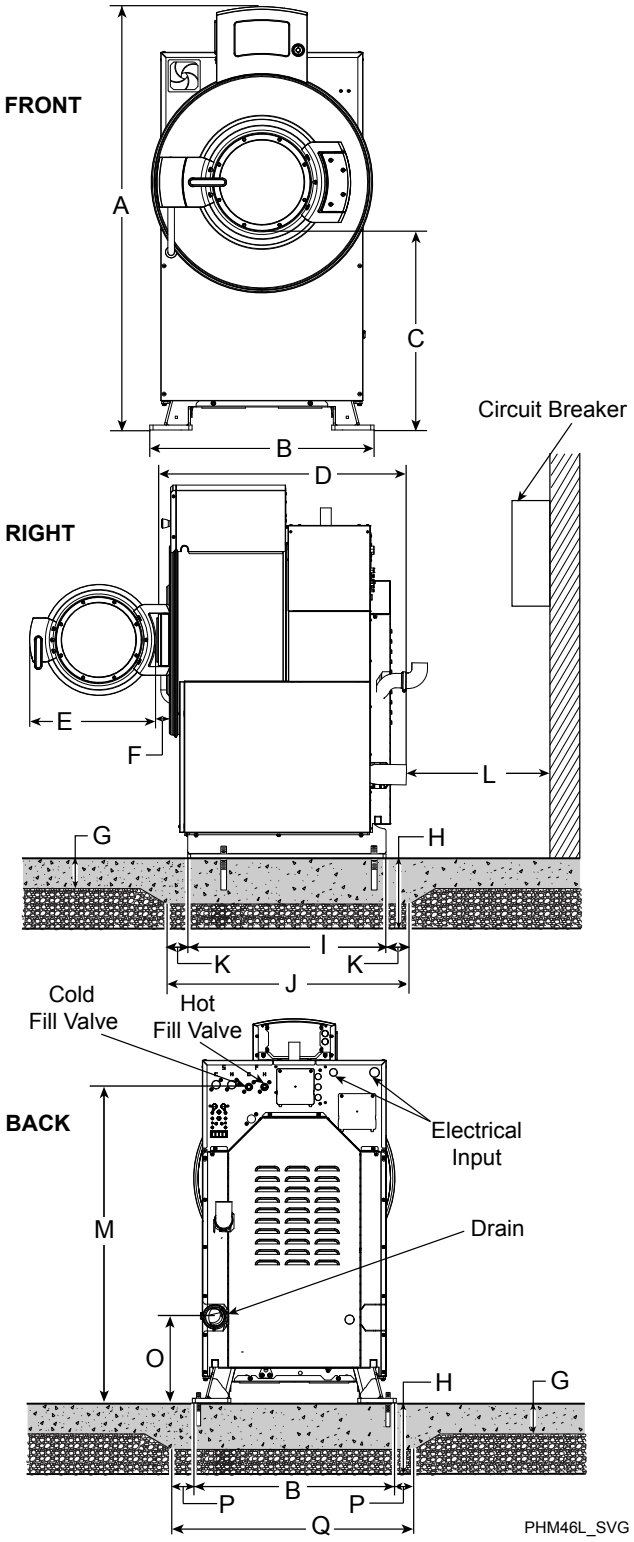
A. Refer to and comply with manufacturer's installation instructions. Do not deviate without permission from site owner, architect, general contractor and manufacturer's local representative.

Machine Dimensions and Specifications

Models UWT105N20M

Equipment specifications are subject to change without notice. Design 5

Machine Dimensions and Specifications



Dimensions and Foundation Requirements, in. [mm]

A	69.1 [1755]	I	42.2 [1072]
B	40.1 [1019]	J	67.75 [1721]
C	28.8 [732]	K	12 [305]
D	56.2 [1427]	L	20 [508]
E	26.38 [670]	M	57.9 [1471]
F	2 [51]	O	12.3 [312]
G	6 [152]	P	12 [305]
H	18 [457] * (minimum)	Q	65.12 [1654]
*Total depth of foundation (concrete plus 6 in. [152 mm] fill)			

Water, Drain and Weight Specifications

Number of drain outlets		1
Drain connection size, in.		3
Number of water inlets	Main fill	2
Water inlet connection size, in.	Main fill	3/4
Net weight, lbs. [kg]		1700 [771]
Standard shipping weight, lbs. [kg]		1750 [794]
Side clearance (minimum), in. [mm]		6 [153]
Side clearance (recommended), in. [mm]		12 [305]

Electrical Specifications

Codes		Voltage	Cycle	Phase	Wire	Full Load Amps	Circuit Breaker	AWG	mm^2
Q	Standard	200-240	50-60	3	3	14	20	12	4
	Electric Heat					108	110	2	35
N	Standard	440-480	50-60	3	3	9	15	14	2.5
	Electric Heat					40	50	8	10