SECTION 11110

TUMBLE DRYER, 200 LB. [90 KG] CAPACITY

PART 1 GENERAL

1.01 SECTION INCLUDES:

A. Automatic laundry dryer for processing water-washed linen items

1.02 SYSTEM DESCRIPTION

A. DESIGN REQUIREMENTS:

1.	Dry weight capacity: lb. [kg]	200 [90]
2.	Cylinder volume: $feet^3$ [Liter]	58.6 [1660] minimum
3.	Construction:	Heavy duty embossed steel with e-coat and baked enamel powder paint
4.	Input voltage:	Q: 200-240/50-60/3 N: 440-480/50-60/3
5.	Heat source:	Gas, natural, 1 NPT
6.	Overall width: in. [mm]	53.2 [1350] nominal
7.	Overall height: in. [mm]	94.0 [2390] nominal
8.	Overall depth: in. [mm]	74.9 [1900] nominal
9.	Exhaust size: Inch [mm]	12.0 [305]
10.	Control system:	Microprocessor capacitive touch display
11.	Stainless steel door:	High grade stainless steel door with 7/8 in. [22 mm] rubber gasket and two point heavy duty hinge

B. PERFORMANCE REQUIREMENTS:

1.	Gas Burner Rating: Btu/hr. [kW, Mj/hr.]	425,000 [125, 448]
2.	Airflow: C.F.M. [l/sec]	2150 [1,010]
3.	Recommended gas pressure	6.5 water column inches
4.	Drive Motor: Horsepower [kW]	1.5 [1.1]
	Fan Motor: Horsepower [kW]	1.5 [1.1]

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5. Control system
   a. Programming methods: Control Interface, Wi-Fi, Infrared or USB (PC)
   b. 99-Cycle Capability with graphic display of words and icons
   c. Wi-Fi and PC software to program machine and/or audit machine performance with quick view performance reports
   d. 34 languages supported
   e. Record start, stop and idle time by date and time
   f. Record last 25 machine errors by date and time
   g. Records maximum temperature
   h. Displays a count up timer after the end of cycle
   i. Record machine service history
   j. Internet connectivity for off-site diagnostic and remote programming capabilities
   k. Automatic maintenance reminders by day, week and month
   l. Diagnostic capabilities
   m. Over Dry Prevention Technology (OPTidry(™)) System utilizes one cylinder lifter as sensor
6. Lint filter: 1653 sq. in. [10664 sq. cm] , self cleaning, depositing lint to large storage area at bottom of tumble dryer
7. Cylinder Type (position 10 of model number): Reversing - R digit

C. OPTIONAL C.A.R.E.™ (FIRE SUPPRESSION SYSTEM) REQUIREMENTS: (Not standard, available as an option only.)
   1. Water line connection: 3/4 inch GHT

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 WARRANTY

A. Warranty Period: Three years, limited, parts only, commencing on Date of Substantial completion

1.05 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

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A. Alliance Laundry Systems LLC - UniMac, obtain commercial laundry equipment from a single manufacturer

2.02 QUALIFIED MODELS

A. UniMac model **UT200NVN** (no substitutions permitted)

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.

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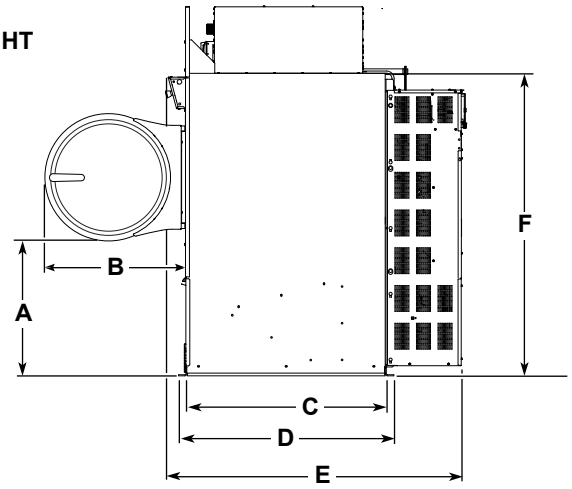
Machine Dimensions and Specifications

Models UT200L and UT200N

Equipment specifications are subject to change without notice. Design 6

Machine Dimensions and Specifications

RIGHT



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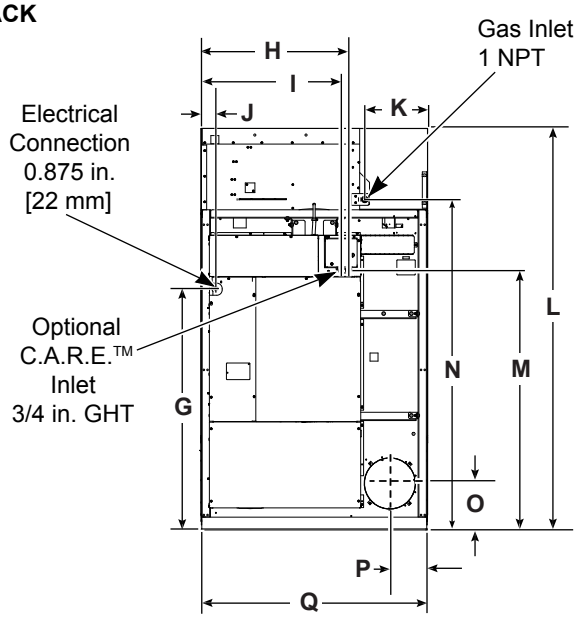

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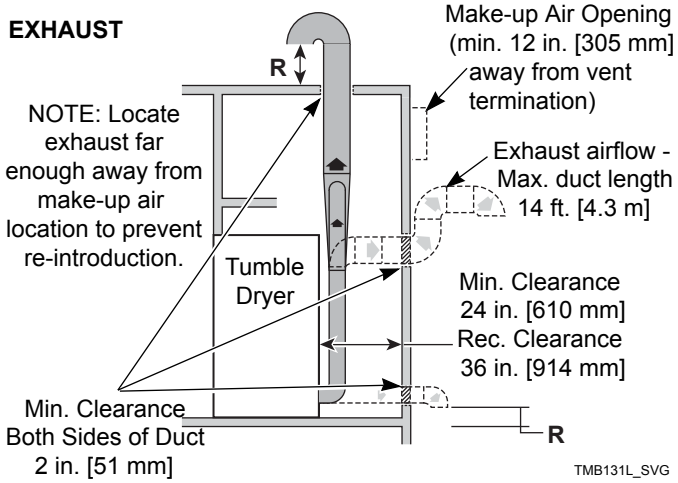

TMB131L_SVG

Dimensions

A	33.8 [860]	J	3.4 [85]
B	32.5 [825]	K	14.6 [370]
C	55.8 [1420]	L	94.0 [2390]
D	59.3 [1505]	M	60.8 [1545]
E	74.9 [1900]	N	77.4 [1965]
F	75.0 [1905]	O	8.8 [225]
G	56.5 [1435]	P	11.0 [280]
H	34.4 [875]	Q	53.2 [1350]
I	32.9 [835]	R	36 [910]
in. [mm]			

Specifications

Net Weight (approximate): Pounds [kg]	1550 [705]	
Required Make-Up Air Opening (to the outside) for Each Tumble Dryer, in.^{2} [cm^2]	525 [3400]	
Maximum Airflow: C.F.M. [l/sec]	2150 [1,010]	
Maximum Static Back Pressure: Inch W.C. [mbar, kPa]	0.80 [2.0, 0.20]	
Gas Burner Rating: Btu/hr. [kW, Mj/hr.]	425,000 [125, 448]	
Recommended Gas Pressure:	N. G.	6.5 in. w.c
	L. P.	11 in. w.c.

Electrical Specifications

Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Circuit Breaker	Wire Size AWG [mm2]
Q	200-240	50-60	3	L1, L2, L3 and ground	12	15	14 [2.5]
N	440-480	50-60	3	L1, L2, L3 and ground	6	15	14 [2.5]

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