SECTION 11110

TUMBLE DRYER, 2 X 55 LB. [2 X 24 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]	2 x 55 [2 x 24]
2.	Cylinder volume: feet ^{3} [Liter]	2 x 17.3 [2 x 490] minimum
3.	Construction:	Heavy duty embossed steel with e-coat and baked enamel powder paint
4.	Input voltage:	X : 200-240 / 50-60 / 1-3
5.	Heat source:	Gas, natural, 3/4 NPT
6.	Overall width: in. [mm]	34.4 [875] nominal
7.	Overall height: in. [mm]	80.9 [2,055] nominal
8.	Overall depth: in. [mm]	54.4 [1,385] nominal
9.	Exhaust size: Inch [mm]	10.0 [250]
10.	Control system:	Microprocessor touchpad control
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 (per pocket): BTU/hr. [kW, Mj/hr.]	Models Through Serial No. 2602999999: 105,000 [30.8, 110.8] Models Starting Serial No. 2603000001: 120,000 [35.2, 126.6]
2.	Airflow: C.F.M. [l/sec]	1,200 [570]
3.	Recommended gas pressure	6.5 water column inches
4.	Drive Motor (per pocket): Horsepower [kW]	0.5 [0.4]
	Fan Motor (per pocket): Horsepower [kW]	1.5 [1.1]

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5. Control system
   a. Programming methods: Machine keypad, Infrared (PC or PDA)
   b. 30-Cycle Capability
   c. PC software to program machine and/or audit machine performance
   d. Record last eight machine errors by date and time
   e. OPTIONAL Over Dry Prevention Technology (OPTidry(™)) System utilizes two cylinder lifters as sensors; Maintenance-free rotary transfer switch communicates signal between OPTidry(™) sensor/lifters and control
   f. Wrinkle free at cycle end allowing 30 seconds of tumble and 1-1/2 minutes of rest until door opens or maximum of one hour
6. Lint filter: 2 x 558 sq. in. [3600 sq. cm]
7. Cylinder Type (position 10 of model number) Reversing - R digit

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

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

2.02 QUALIFIED MODELS

A. UniMac model **UTT55NNN** (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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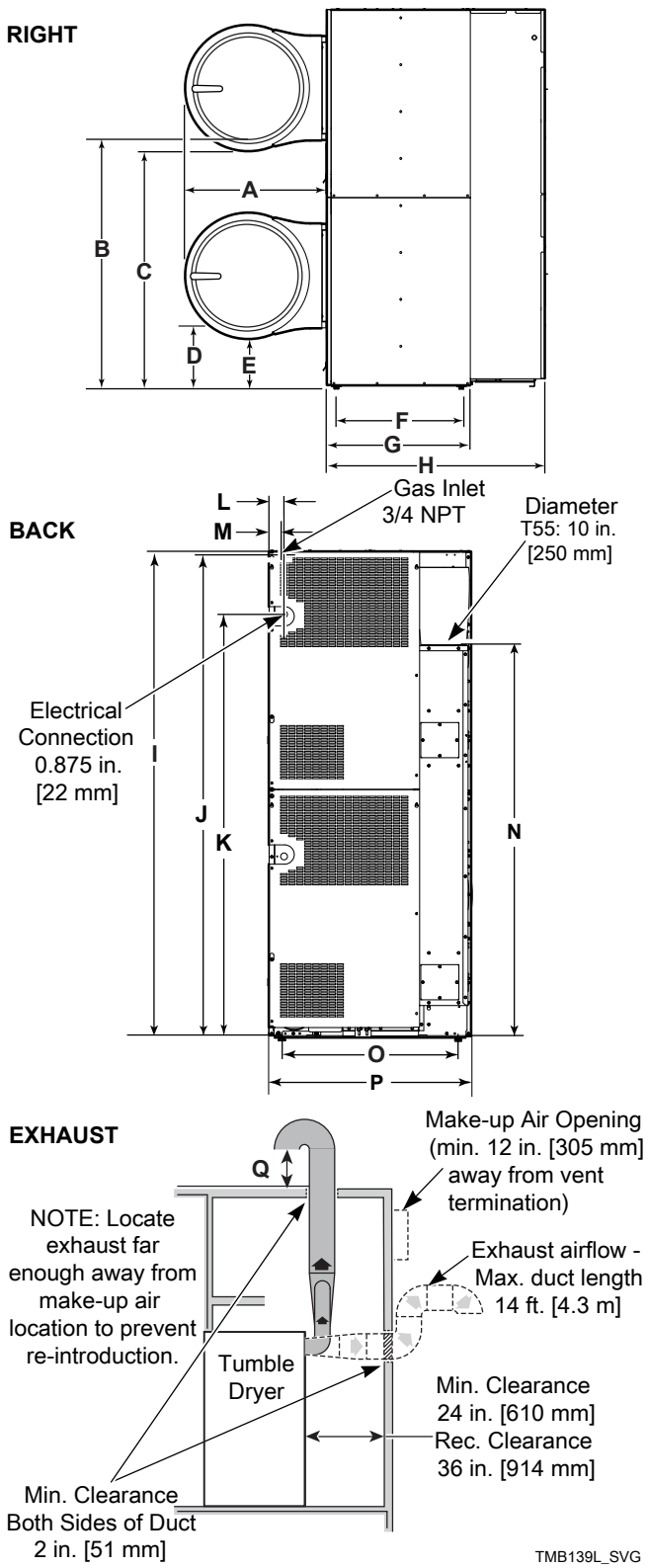
Machine Dimensions and Specifications

Models UTT55L and UTT55N

Equipment specifications are subject to change without notice. Design 6

Machine Dimensions and Specifications



Dimensions

A	31.9 [810]	J	79.5 [2,020]
B	50.4 [1,280]	K	68.7 [1,745]
C	49.1 [1,250]	L	2.3 [60]
D	10.3 [260]	M	2.1 [55]
E	9.0 [230]	N	64.9 [1,650]
F	34.0 [865]	O	30.4 [770]
G	37.7 [960]	P	34.4 [875]
H	54.4 [1,385]	Q	36 [910]
I	80.9 [2,055]		
in. [mm]			

Specifications

Net Weight (approximate): Pounds [kg]	735 [335]	
Required Make-Up Air Opening (to the outside) for Each Tumble Dryer, in. ^{2} [cm ^{2}]	288 [1,860]	
Maximum Airflow: C.F.M. [l/sec]	1,200 [570]	
Maximum Static Back Pressure: Inch W.C. [mbar, kPa]	0.90 [2.2, 0.22]	
Gas Burner Rating (per pocket): BTU/hr. [kW, Mj/hr.]	Through Serial No. 2602999999 105,000 [30.8, 110.8] Starting Serial No. 2603000001 120,000 [35.2, 126.6]	
Recommended Gas Pressure:	N. G.	6.5 in. w.c
	L. P.	11 in. w.c.

Electrical Specifications

Voltage Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Circuit Breaker	Wire Size AWG [mm ^{2}]
X	200-240	50-60	1-3	Refer to Install Manual	14	20	12 [4]

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