

SECTION 11110

TUMBLE DRYER, 75 LB. [34 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. 75 [34]
[kg]
2. Cylinder volume: 22.4 [634] minimum
feet³ [Liter]
3. Construction: Heavy duty embossed steel with e-coat and baked enamel
powder paint
4. Input voltage: B: 100-120/50-60/1
X: 200-240/50-60/1-3
N: 440-480/50-60/3
5. Heat source: Gas, natural, 1/2 NPT
6. Overall width: in. [mm] 38.5 [980] nominal
7. Overall height: in. [mm] 77.3 [1960] nominal
8. Overall depth: in. [mm] 53.0 [1350] nominal
9. Exhaust size: Inch [mm] 8.0 [200]
10. Control system: Microprocessor touchpad control
11. Door: High grade stainless steel reversible door with 7/8 in. [22 mm]
rubber gasket and heavy duty hinge

B. PERFORMANCE REQUIREMENTS:

1. Gas Burner Rating: 165,000 [48.4, 174]
BTU/hr. [kW, Mj/hr.]
2. Airflow: C.F.M. [l/sec] 800 [380]
3. Recommended gas 6.5 water column inches
pressure
4. Fan Motor: Horsepower 0.5 [0.4]
[kW]
Cylinder Motor: Horse- 0.5 [0.4]
power [kW]

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: 576 sq. in. [3716 sq. cm], self cleaning, depositing lint to large storage area at bottom of tumble dryer
7. Cylinder Type (position 10 of model number) Nonreversing - N digit
Reversing (optional feature) - 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

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

2.02 QUALIFIED MODELS

- A. UniMac model **UT075NNN** (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.

Machine Dimensions and Specifications

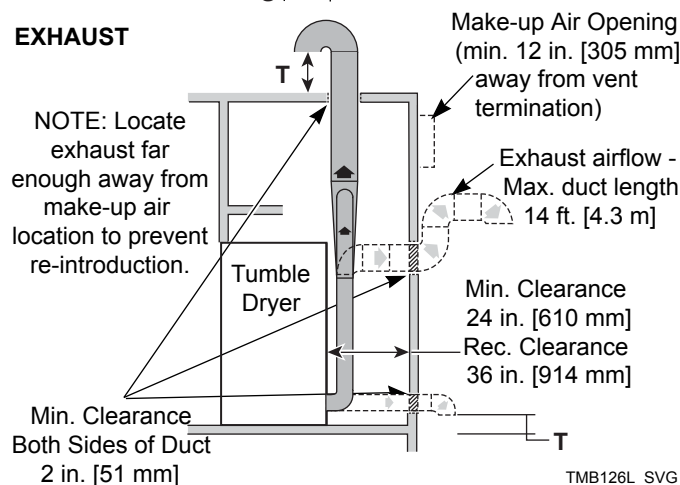
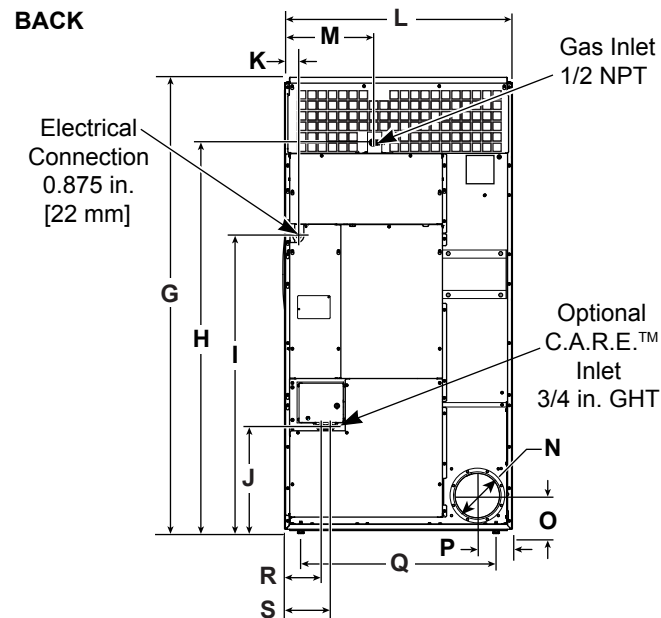
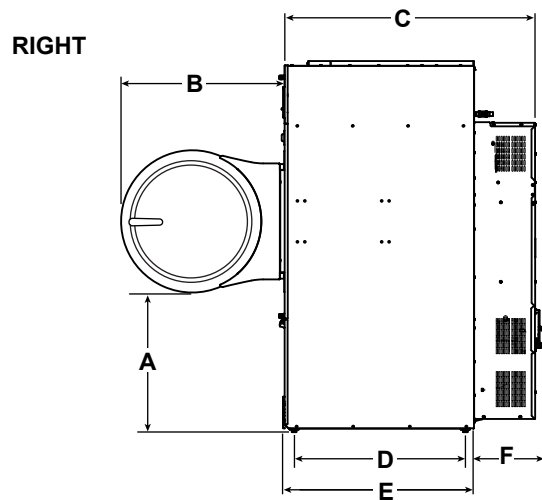
Models UT075L and UT075N



Equipment specifications are subject to change without notice.

Design 6

Machine Dimensions and Specifications



Dimensions

A	29.2 [740]	K	2.3 [60]
B	33.9 [860]	L	38.5 [980]
C	53.0 [1350]	M	15.0 [380]
D	35.5 [900]	N	8.0 [200]
E	39.2 [1000]	O	5.8 [145]
F	13.8 [350]	P	6.0 [150]
G	V-Control: 76.5 [1945] All Other Controls: 77.3 [1960]	Q	33.0 [840]
H	V-Control: 65.3 [1660] All Other Controls: 66.0 [1680]	R	6.0 [150]
I	50.5 [1280]	S	7.5 [190]
J	18.25 [465]	T	36 [910]
in. [mm]			

Specifications

Net Weight (approximate): Pounds [kg]	V-Control: Gas 720 [325] All Other Controls: Gas 715 [325]	
Required Make-Up Air Opening (to the outside) for Each Tumble Dryer, in. ² [cm ²]	195 [1,260]	
Maximum Airflow: C.F.M. [l/sec]	800 [380]	
Maximum Static Back Pressure: Inch W.C. [mbar, kPa]	V-Control: 0.52 [1.3, 0.13] All Other Controls: 0.50 [1.2, 0.12]	
Gas Burner Rating: BTU/hr. [kW, MJ/hr.]	V-Control: 150,000 [44.0, 158] All Other Controls: 165,000 [48.4, 174]	
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]
B	100-120	50-60	1	L1, Neutral, and ground	12	15	14 [2.5]

Voltage Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Circuit Breaker	Wire Size AWG [mm ²]
X	200-240	50-60	1	L1, L2 and ground	7	15	14 [2.5]
			3	L1, L2, L3 and ground			
N	440-480	50-60	3	L1, L2, L3 and ground	3	15	14 [2.5]