

## SECTION 11110

### TUMBLE DRYER, 120 LB. [55 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. 120 [55]  
[kg]
2. Cylinder volume: 36.1 [1020] minimum  
feet <sup>3</sup> [Liter]
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] 46.4 [1180] nominal
7. Overall height: in. [mm] 85.7 [2175] nominal
8. Overall depth: in. [mm] 68.0 [1725] 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: 270,000 [79, 290]  
Btu/hr. [kW, Mj/hr.]
2. Airflow: C.F.M. [l/sec] 1400 [660]
3. Recommended gas 6.5 water column inches  
pressure
4. Drive Motor: Horsepower 1.5 [1.1]  
[kW]  
Fan Motor: Horsepower 1.5 [1.1]  
[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: 1301 sq. in. [8394 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

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

2.02 QUALIFIED MODELS

- A. UniMac model **UT120NNN** (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 UT120L and UT120N

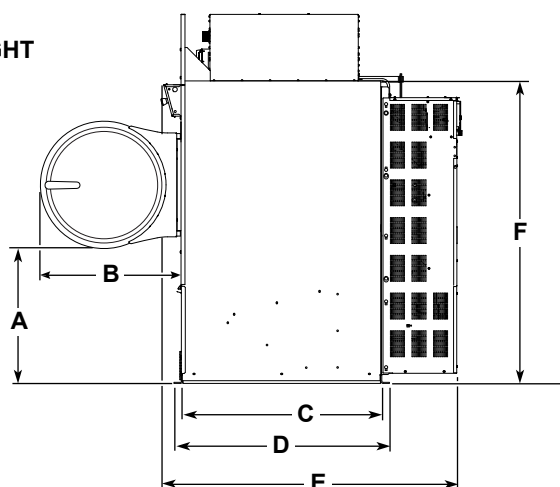


Equipment specifications are subject to change without notice.

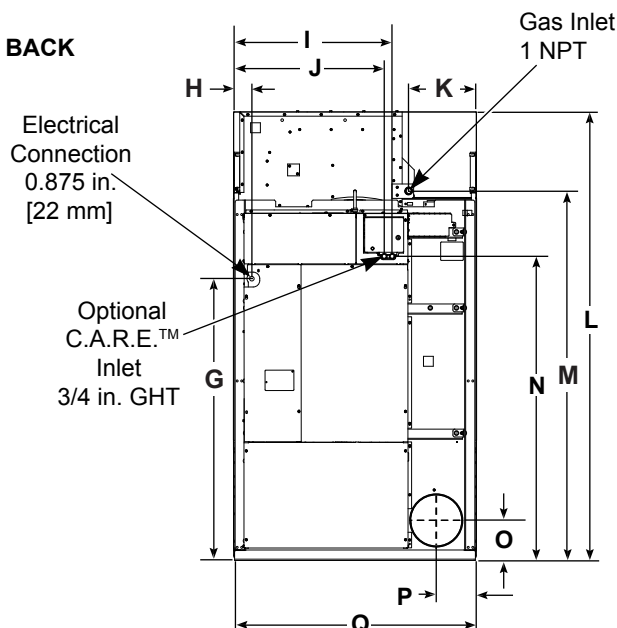
Design 6

## Machine Dimensions and Specifications

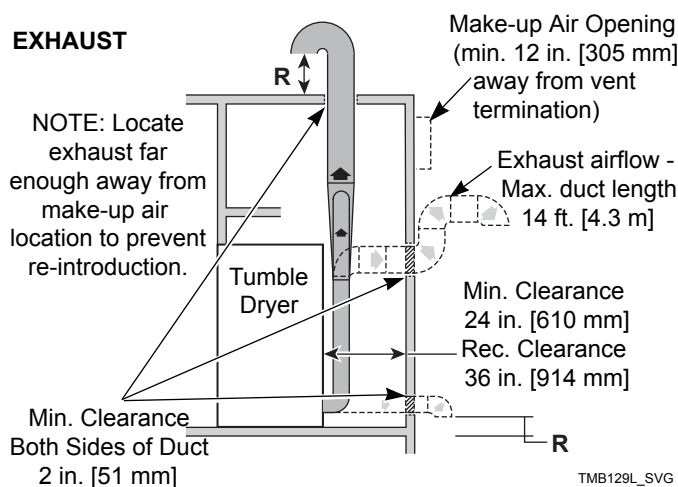
RIGHT



BACK



EXHAUST



TMB129L\_SVG

## Dimensions

|          |             |   |             |
|----------|-------------|---|-------------|
| A        | 31.6 [800]  | J | 28.8 [730]  |
| B        | 32.5 [825]  | K | 12.9 [330]  |
| C        | 46.5 [1180] | L | 85.7 [2175] |
| D        | 49.9 [1270] | M | 70.2 [1785] |
| E        | 68.0 [1725] | N | 58.0 [1475] |
| F        | 70.2 [1785] | O | 7.6 [195]   |
| G        | 53.8 [1365] | P | 7.6 [195]   |
| H        | 3.4 [85]    | Q | 46.4 [1180] |
| I        | 30.3 [770]  | R | 36 [910]    |
| in. [mm] |             |   |             |

## Specifications

|                                                                                                                |                   |             |
|----------------------------------------------------------------------------------------------------------------|-------------------|-------------|
| Net Weight (approximate):<br>Pounds [kg]                                                                       | 1220 [555]        |             |
| Required Make-Up Air<br>Opening (to the outside) for<br>Each Tumble Dryer, in. <sup>2</sup> [cm <sup>2</sup> ] | 360 [2300]        |             |
| Maximum Airflow: C.F.M.<br>[l/sec]                                                                             | 1400 [660]        |             |
| Maximum Static Back<br>Pressure: Inch W.C. [mbar,<br>kPa]                                                      | 0.80 [2.0, 0.20]  |             |
| Gas Burner Rating:<br>Btu/hr. [kW, Mj/hr.]                                                                     | 270,000 [79, 290] |             |
| 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 [mm <sup>2</sup> ] |
|------|---------|-------|-------|-----------------------|----------------|-----------------|----------------------------------|
| Q    | 200-240 | 50-60 | 3     | L1, L2, L3 and ground | 7              | 15              | 14 [2.5]                         |
| N    | 440-480 | 50-60 | 3     | L1, L2, L3 and ground | 4              | 15              | 14 [2.5]                         |