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**SECTION 11110****TUMBLE DRYER, 2 X 45 LB. (2 X 20.4 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: 2 x 45 lb. (2 x 20.4 kg)
2. Cylinder volume: 2 x 14.8 cu ft (2 x 419089 cu cm) minimum
3. Construction: Heavy duty embossed steel with e-coat and baked enamel powder paint
4. Input voltage: 120/208-240/60/1
5. Heat source: Gas, natural, 1/2 inch (13 mm) NPT
6. Overall width: 34-1/2 inches (876 mm) nominal
7. Overall height: 81-1/16 inches (2059 mm) nominal
8. Overall depth: 48-5/8 inches (1235 mm) nominal
9. Exhaust size: 10 inch (254 mm)
10. Control system: Dual timers for drying and cooldown, along with variable temperature settings
11. Door: High grade stainless steel door with 7/8 inch (22 mm) rubber gasket and heavy duty hinge

## B. PERFORMANCE REQUIREMENTS:

1. BTU input: 2 x 95,000
2. Airflow: 2 x 600 CFM (2 x 17 CMM)
3. Motor horsepower: 2 x 1/2 hp fan and 2 x 1/2 hp motor
4. Control system
  - a. timer for drying 1 - 60 minutes
  - b. timer for cooldown 1 - 15 minutes
  - c. variable temperature settings from 120 - 190°F (49 - 88°C)
  - d. digital display of time remaining in cycle
5. Lint filter: 2 x 558 sq. inch (2 x 3600 sq. cm)

## 1.03 DELIVERY, STORAGE &amp; 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 &amp; PROTECTION

1. Machine should be stored in a site protected from weather, direct sunlight & 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 & COMMISSIONING

- A. Machine installation should be inspected by local manufacturer's representative prior to startup & operation. The party installing the machine is responsible for setting the schedule for this inspection.

**PART 2 PRODUCTS**

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

1.02 QUALIFIED MODELS

- A. UniMac model **UTT45NQT** (no substitutions permitted)

**PART 3 EXECUTION**

1.01 INSTALLATION

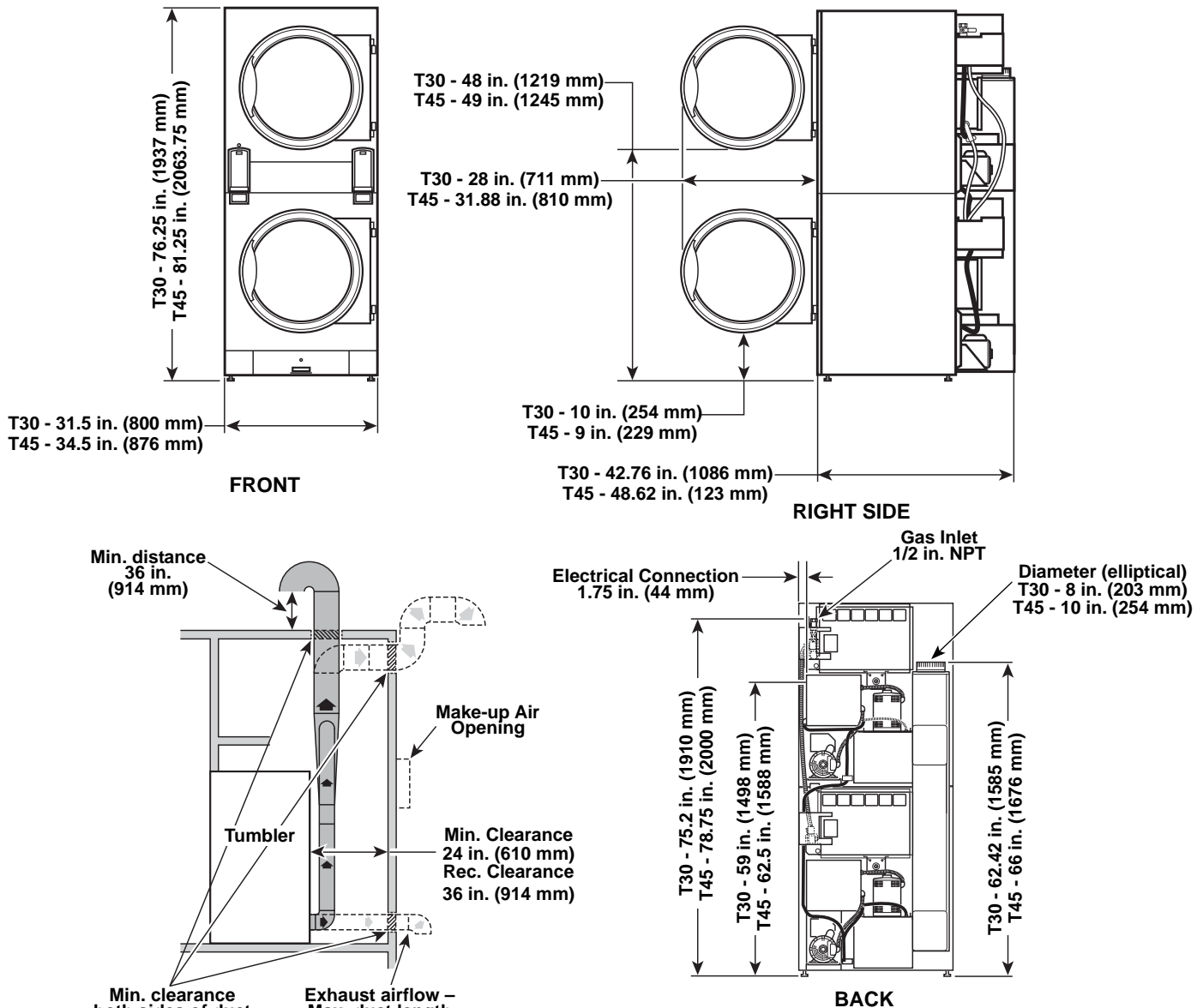
- A. Refer to & comply with manufacturer's installation instructions. Do not deviate without permission from site owner, architect, general contractor & manufacturer's local representative.

# Machine Dimensions and Specifications

Models UTT30L, UTT30N, UTT45L and UTT45N



## Dimensions



## Specifications

	T30	T45
Net Weight: Pounds	544	673
Make-up Air Opening: Square inches	220	288
Maximum Airflow per Pocket: C.F.M.	400	600
Maximum Static Back Pressure: Inches W.C.	0.9	0.9
Gas Burner Rating: Btu/hr.	73,000	95,000

## Electrical Specifications

	Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Fuse or Breaker Rating (Amps)	Breaker Poles	AWG
T30	B2	120	60	1	2/3	16	20	1	12
T30	F6	200-208, 240	60	3	3	6.4	10*	3	14
T30	G2	208-240	60	1	2/3	8	10	2	14
T30	Q1	460-480	60	3	3	3.3	10*	3	14
T45	F6	200-208, 240	60	3	3	9.6	15*	3	14
T45	G2	208-240	60	1	2/3	12	15	2	14

\* 3 Phase machines should not have fuses, breakers only.

TMB32F