

SECTION 11110**TUMBLE DRYER, 50 LB. (22.7 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: 50 lb. (22.7 kg)
2. Cylinder volume: 18.67 cu ft (528676 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: Steam, 5.1 BHP, 3/4 inch (19 mm) NPT
6. Overall width: 38-5/8 inches (981 mm) nominal
7. Overall height: 80 inches (2032 mm) nominal
8. Overall depth: 47 inches (1194 mm) nominal
9. Exhaust size: 8 inch (203 mm)
10. Control system: Microprocessor touchpad control
11. Door: High grade stainless steel reversible door with 7/8 inch (22 mm) rubber gasket and heavy duty hinge

B. PERFORMANCE REQUIREMENTS:

1. BTU input: 177,500
2. Airflow: 750 CFM (21.2 CMM)
3. Motor horsepower: 1/2 hp
4. Control system
 - a. Programming methods: Machine keypad, Infrared (PC or PDA)
 - b. 41-Cycle Capability with graphic display of words and icons
 - c. PC software to program machine and/or audit machine performance with quick view performance reports
 - d. Record start, stop and idle time by date and time
 - e. Record last eight machine errors by date and time
 - f. Record machine service history
 - g. Internet connectivity for off-site diagnostic capabilities
 - h. Automatic maintenance reminders by day, week and month
 - i. Over Dry Prevention Technology (OPTidry™) system utilizes two cylinder lifters as sensors (note: some capacities only have one sensor lifter)
 - j. Maintenance-free rotary transfer switch communicates signal between OPTidry™ sensor/lifters and control
 - k. 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

- 5. Lint filter: 576 sq. inch (3716 sq. cm), self cleaning, depositing lint to large storage area at bottom of tumbler

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 **UT050SUO** (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.