
SECTION 11 23 00 - COMMERCIAL LAUNDRY EQUIPMENT**PART 1 - GENERAL****1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Types of laundry equipment specified in this section include the following:
 - 1. Washer/extractors
 - 2. Gas-fired clothes dryers.
- B. Related Sections: The following Sections contain requirements that relate to this Section:
 - 1. Facility Services Subgroup Sections for power and gas supplies.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.4 ACTION SUBMITTALS

- A. Product data for each type of laundry equipment required and specified.
 - 1. Include installation details, material descriptions, dimensions of individual components, and finishes for each appliance.
 - 2. Include rated capacities, operating characteristics, electrical characteristics, and furnished accessories.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For manufacturer.
- B. Product Certificates: For each type of appliance.
- C. Sample Warranties: For manufacturers' special warranties.

1.6 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For each residential appliance to include in operation and maintenance manuals.

1.7 QUALITY ASSURANCE

- A. **Manufacturer Qualifications:** Maintains, within 60 miles (96 km) of Project site, a service center capable of providing training, parts, and emergency maintenance repairs.
- B. **Coordination of Work:** Coordinate layout and installation of laundry equipment with other construction.

1.8 WARRANTY

- A. **General Warranty:** Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. **Special Warranties:** Written warranties, executed by manufacturer of each appliance specified agreeing to repair or replace residential appliances or components that fail in materials or workmanship within specified warranty period.
- C. **Warranty periods:**
 - 1. **Washers/Extractors:**
 - a. Five years from the date of Substantial Completion for frame, cylinder, and shell.
 - b. Two years from the date of Substantial Completion for microprocessor boards and non-wearable parts.
 - 2. **Dryers:**
 - a. Five years from the date of Substantial Completion for frame, cylinder, and shell.
 - b. Two years from the date of Substantial Completion for microprocessor boards and non-wearable parts.

PART 2 - PRODUCTS**2.1 MANUFACTURERS**

- A. **Basis-of-Design Product:** The design is based on the products named. Subject to compliance with requirements, provide either the named product or a comparable product by one of the other specified manufacturers. Comparable products are subject to review and approval through the submittal process specified.
 - 1. **High School Locker Room Clothes Washers:** Provide one washer.
 - a. Front loading, rigid-mount, tumbling action washer/extractors, Pellerin Milnor Model 36021 V5Z, 80 lb (36 kg). capacity,
 - b. **Features:**
 - 1) **Motor:** 5 hp (3.72 kW).

- 2) 7 Speeds.
 - 3) "Miltouch"-touch screen programmable microprocessor control.
 - 4) Voltage: 480V, 60 Hz, 3 ph
 - 5) Running Amps: 4.5.
 - 6) Circuit Breaker: 15 amps.
 - 7) Water Pressure: 10-75 psi (0.68 – 5.1 bar)
 - 8) Painted front and cabinet, White.
2. High School Locker Room Clothes Dryers: Provide one dryer.
- a. Gas-fired, front loading tumbler dryers with electric ignition, dual manual timers. Pellerin Milnor Model M96, 95 lb (43 kg) capacity.
 - b. Features:
 - 1) Tumbler/Drive Motor: 1/2 hp (0.37 kW).
 - 2) Blower/Fan Motor: 3 hp (2.24 kW).
 - 3) Voltage: 480V, 60 Hz, 3 ph
 - 4) Running Amps: 6.0.
 - 5) Circuit Breaker: 15 amps.
 - 6) Heat input: 350,000 Btu/hr, 2,700 cfm airflow.
 - 7) Compressed Air Volume: 4.25 cfh (0.12 cmh)
 - 8) Basket Volume: 22.4 cu ft.
 - 9) Stainless steel basket.
 - 10) Painted front and cabinet, White.
3. Middle School Clothes Washers: Provide one washer.
- a. Front loading, rigid-mount, tumbling action washer/extractors, Pellerin Milnor Model 36021 V5Z, 80 lb (36 kg). capacity,
 - b. Features:
 - 1) 7 Speeds.
 - 2) "Miltouch"-touch screen programmable microprocessor control.
 - 3) 208-240V, 60 Hz, 3 ph
 - 4) Painted front and cabinet, White.
4. Middle School Clothes Dryers: Provide one dryer.
- a. Gas-fired, front loading tumbler dryers with electric ignition, dual manual timers. Pellerin Milnor Model M96, 95 lb (43 kg) capacity.
 - b. Features:
 - 1) Basket Volume: 22.4 cu ft.
 - 2) Heat input: 350,000 Btu/hr, 2,700 cfm airflow.
 - 3) Stainless steel basket.
 - 4) Painted front and cabinet, White.
5. Sports Complex Clothes Washers: Provide one washer.
- a. Front loading, rigid mount, tumbling action washer/extractors, Pellerin Milnor Model 30022-T6X, 60 lb (27 kg). capacity.

- b. Features:
 - 1) 4 Speeds.
 - 2) "EP Express"- programmable microprocessor control.
 - 3) 208-240V, 60 Hz, 3 ph
 - 4) Painted front and cabinet, White.
- 6. Sports Complex Clothes Dryers: Provide one dryer.
 - a. Gas-fired, front loading tumbler dryers with electric ignition, dual manual timers. Pellerin Milnor Model M78, 75 lb (43 kg) capacity.
 - b. Features:
 - 1) Basket Volume: 22.5 cu ft.
 - 2) Heat input: 204,000 Btu/hr, 1,200 cfm airflow.
 - 3) Stainless steel basket,
 - 4) Painted front and cabinet, White.
- 7. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Laundrylux
 - b. Pellerin Milnor Corporation
 - c. UniMac

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install units at locations indicated, complying with manufacturer's instructions.

END OF SECTION 11 23 00