

**LAUNDRY EQUIPMENT****TYPE: 55 LB. CAPACITY HI-PERFORMANCE WASHER-EXTRACTOR**

- DRYWEIGHT CAPACITY:** Shall be a minimum of 55 lbs./cycle
- CYLINDER VOL./DOOR DIAMETER:** Shall be a minimum of 8.2 cu/ft. and door opening of at least 15.75-inches in diameter.
- CABINET / CYLINDER MATERIAL:** Shall be AISI Type 304 (Top/Front/Sides) and inner/outer cylinder.
- PROGRAMMABLE EXTRACTION:** High extract shall be a minimum of 380 - G Force with the ability to program any one of 5-extract speeds and "0" rotation at any time during the cycle.
- CYCLE SELECTION:** Unit shall provide a minimum of 79 laundry cycles with a minimum of 59 cycles that may be customized to adapt to specific linen processing requirements.
- PROGRAMMABLE CONTROLS:** Unit shall be equipped with a microprocessor control allowing adjustment of wash/rinse temperatures, water level up to a minimum of six (6) levels, three (3) pre-programmed rotation options plus "0" rotation and the ability to program any on/off rotation combination. The control shall also allow programming of up to twelve (12) minutes per phase, delay start control, display cycle progress through LED indicator located on control panel and shall allow management to limit operator programming through the use of a program access key and cycle lockout function.
- WATER TEMPERATURE CONTROL  
PROGRESSIVE COOL DOWN:** Unit shall permit operator to pre-set wash temperatures from 33°–194°F to adapt to specific linen treatment specifications and/or government sanitary regulations. Water inlet valve shall be thermostatically controlled. Steam or Electric auxiliary heat units shall be available to field retrofit at the user option at anytime. Unit shall be capable of a gradual reduction of water temperature from wash to rinse so to reduce fabric shock/wrinkles. Reduction shall be limited to no more than 7°F per minute until 113° is reached.
- NOISE & IN-LINE FILTERS:** Unit shall produce no more than 70 dB (Measured Equivalent Continuous) at the work station of the unit. The unit shall also have standard in-line circuit filters that reduce induced noise and radiating noise for output wiring. The unit shall also provide a standard in-line DC reactor for improving the input power-factor and reducing harmonics when the voltage imbalance exceeds 2%.
- WATER RE-USE SYSTEM:  
(Option)** Unit shall provide all control function and ability to allow a field added water reclamation system capable of reclaiming rinse water for use in subsequent wash, pre-wash and initial rinse phases.
- AUTOMATIC CHEMICAL INJECTION  
CHEMICAL DISPENSER:** Unit shall provide five (5) independent chemical injection connections for automatic dispensing of liquid chemicals with a minimum of five (5) independent activation signals. For safety purposes all connection ports shall be mounted on the rear of the machine. Unit shall be equipped with a top mounted four (4) compartment pre-wash and wash detergent/bleach/softener dispenser.
- PROGRAM ACCELERATOR/  
VISUAL CYCLE INDICATOR:** Unit shall allow operator to manually accelerate program to permit bypass of any program step. Accelerator control and visual cycle indicator shall be conveniently located on the microprocessor control and shall allow operator to monitor cycle progress/position.
- BEARING HOUSING:** Shall be of solid one (1) piece construction for optimum structural support.
- SUSPENSION SYSTEM:** Unit shall be equipped with an internal suspension system capable of absorbing up to 95% of transmitted load dynamic energy (vibration) and isolating it away from electrical components, major mechanical components (bearings, shaft, frame) and the floor. Unit shall be freestanding and not require bolt down or pin attachment to floor structure and should require no additional foundation from standard commercial construction for mounting. Dynamic load to floor shall not exceed 265-pounds with a frequency of 16 Hz.
- VOLTAGE/AMP REQUIREMENT:** 208-240/60/3 standard voltage with no more than 10-amp service requirement (6-amp @ 440-480)
- MACHINE WARRANTY:** Limited Warranty—3 Years on all machine parts. 5 Years—Mainframe, inner cylinder, including shaft and coupler, bearings and seals.
- APPROVALS / CERTIFICATION:** A minimum of CSA or ETL, ISO 9001 & 14001 Quality and Environmental Impact Standards.

**FIRE STATION APPLICATION TURNOUT GEAR  
HI-PERFORMANCE LAUNDRY EQUIPMENT  
TYPE: 55-60 LB. CAPACITY WASHER-EXTRACTOR**

- DRYWEIGHT CAPACITY:** Shall be a minimum of 55-60 lbs./cycle (3-4.5 Sets turnout gear/cycle)
- CYLINDER VOLUME:** Shall be a minimum of 8.2 cu/ft.
- CABINET MATERIAL:** Shall be AISI Type 304 (Top/Front/Sides)
- CYLINDER MATERIAL:** Shall be AISI Type 304 (Inner/Outer Cylinder)
- EXTRACTION G-FORCE:** Shall be at least 380 - G Force allowing for quick drying turnout garments.
- FLOOR TO DRAIN HEIGHT:** Shall be no less than 8.3" to drain center for easy installation without need for an elevation base.
- CYCLE SELECTION:** Unit shall provide a minimum of 79 laundry cycles with a minimum of 59 cycles which may be customized to adapt to specific turnout gear processing requirements.
- PROGRAMMABLE CONTROLS:** Unit shall be equipped with a microprocessor control allowing adjustment of wash/rinse temperatures, water level up to a minimum of six (6) levels, three (3) variable rotation options plus 0, and the programming of extraction times up to twelve (12) minutes per phase.
- REFLECTIVE TAPE PROTECTION FEATURE:** Unit shall be programmable to fill without tumble action to protect reflective tape on turnout gear allowing for optimum longevity of garments.
- WATER TEMPERATURE CONTROL:** Unit shall permit operator to pre-set wash temperatures from 33°—194°F to adapt to specific linen treatment specifications and/or government linen contamination/bloodborne pathogen regulations. Water inlet valve shall be thermostatically controlled.
- PROGRESSIVE COOL DOWN/  
CREASE GUARD:** Unit shall be capable of a gradual reduction of water temperature from wash to rinse so to reduce fabric shock/wrinkles. Reduction shall be limited to no more than 7°F per minute until 113° is reached.
- CHEMICAL DISPENSER:** Unit shall be equipped with a top mounted four (4) compartment prewash and wash detergent/bleach/softener dispenser. For safety purposes, dispenser cover shall be self-closing and manufactured using flexible material for optimum durability and longevity.
- AUTOMATIC CHEMICAL INJECTION:** Unit shall provide five (5) independent chemical injection connections for automatic dispensing of liquid chemicals with a minimum of five (5) independent activation signals. For safety purposes all connection ports shall be mounted on the rear of the machine and shall allow for hook-up without removal of the machine's top or rear panel.
- PROGRAM ACCELERATOR/  
VISUAL CYCLE INDICATOR:** Unit shall allow operator to manually accelerate program to permit bypass of any program step. Accelerator control and visual cycle indicator shall be conveniently located on the microprocessor control and shall allow operator to monitor cycle progress/position.
- SAFETY STOP BUTTON:** Unit shall be equipped with front mounted independent emergency stop button for operator use in case of emergency which stops all machine functions until manually reset.
- WATER SEALS:** Machine bearings shall be protected by Forsheda seals composed of EPDM nitrile rubber for maximum moisture protection.
- POWER REQUIREMENT:** 208-240/60/3
- MACHINE WARRANTY:** Limited Warranty—3 Years on all machine parts. 5 Years—Mainframe, inner cylinder, including shaft and coupler, bearings and seals.
- APPROVALS:** A minimum of CSA or ETL, ISO 9001 & 14001 Quality and Environmental Impact Standards.