SECTION 11 23 00

COMMERCIAL LAUNDRY EQUIPMENT

Display hidden notes to specifier. (Don't know how? [Click Here](https://www.arcat.com/sd/display_hidden_notes.shtml))

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\*\* NOTE TO SPECIFIER \*\* UniMac/Alliance Laundry Systems heavy-duty industrial laundry equipment.
 .
 This section is based on the products of UniMac/Alliance Laundry Systems, which is located at:
 Shepard St.
 P. O. Box 990
 Ripon, WI 54971-0990
 Te1: (800)587-5458
 Fax: (920) 748-1664
 E-mail: leads@alliancels.com
 Web: http://www.unimac.com

 UniMac provides a full line of heavy-duty industrial equipment for the laundry industry. As key players in the success of on-premises laundry facilities, UniMac laundry equipment continuously achieves high levels of efficiency, quality, and durability.

1. GENERAL
	1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Washer extractors.
		2. Drying tumblers.
		3. Automatic drying cabinets.
		4. Fireman's personal protection equipment (PPE) drying cabinet.
	1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 03 30 00 - Cast-in-Place Concrete: Foundation bases for equipment.
		2. Section 05 50 00 - Metal Fabrications: Steel equipment supports.
		3. Division 15 Sections for supply and exhaust fans; exhaust ductwork; service roughing-ins; drain traps; valves, pipes, and fittings; and other materials required to complete commercial laundry equipment installation.
		4. Division 16 Sections for wiring disconnect switches, and other electrical materials required to complete commercial laundry equipment installation.
	1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. UL Certification: Provide electric equipment and components that are evaluated by UL for fire, and electric shock according to applicable safety standards and that are UL certified for compliance and labeled for intended use.
	1. SUBMITTALS
		1. Submit under provisions of Section 01 30 00.
		2. [Product Data](http://www.arcat.com/arcatcos/cos35/arc35095.cfm): Manufacturer's data sheets on each product to be used, including:
			1. Preparation instructions and recommendations.
			2. Storage and handling requirements and recommendations.
		3. Shop Drawings: Include plans, elevations, sections, roughing-in dimensions, fabrication details, utility service requirements, and attachments to other work.
		4. Coordination Drawings: Indicate locations of laundry equipment and connections to utilities, and clearance requirements for equipment access and maintenance.
		5. Operation and Maintenance Data: For laundry equipment to include in emergency, operation, and maintenance manuals. Include a schedule with the following:
			1. Designation indicated on Drawings.
			2. Manufacturer's name and model number.
			3. List of factory-authorized service agencies including their addresses and telephone numbers.
	2. DELIVERY, STORAGE, AND HANDLING
		1. Store equipment on site protected from weather, direct sunlight and temperature extremes. Do not remove packaging prior to storage.
		2. Consult manufacturer if machines are to be stored for an extended period of time.
	3. PROJECT CONDITIONS
		1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
	4. WARRANTY

\*\* NOTE TO SPECIFIER \*\* Delete the first two paragraphs following if washer extractors are not required. Delete the third paragraph following if dryer tumblers are not required.

* + 1. Washer Extractor Parts Only: Manufacturer's standard form in which manufacturer agrees to repair or replace any part of the equipment assembly that fails within specified warranty period.
			1. Warranty Period: Three years from date of Substantial Completion.
		2. Washer Extractor Parts Only, Mainframe, Cylinder Shaft Assembly, and Bearings Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace main frame, bearing, cylinder or cylinder shaft assembly that fails within specified warranty period.
			1. Warranty Period: Five years from date of Substantial Completion.
		3. Dryer Tumbler Parts Only: Manufacturer's standard form in which manufacturer agrees to repair or replace any part of the equipment assembly that fails within specified warranty period.
			1. Warranty Period: Three years from date of Substantial Completion.
		4. Automatic Drying Cabinets Parts Only: Manufacturer's standard form in which manufacturer agrees to repair or replace any part of the equipment assembly that fails within specified warranty period.
			1. Warranty Period: Three years from date of Substantial Completion.
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: UniMac, which is located at: Shepard St. P. O. Box 990; Ripon, WI 54971-0990; Toll Free Tel: 800-587-5458; Fax: 920-748-1664; Email: [request info (Opt.Out@alliancels.com)](https://admin.arcat.com/users.pl?action=UserEmail&company=UniMac&coid=35095&rep=&fax=920-748-1664&message=RE:%20Spec%20Question%20(11110uls):%20%20&mf=); Web: <http://www.unimac.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00.
	1. MATERIALS

\*\* NOTE TO SPECIFIER \*\* Delete the following paragraph if washer extractors are not required. Dryer tumblers are fabricated from galvanized steel.

* + 1. Washer Extractors - Stainless Steel: ASTM A 666, Type 304 with No. 4 finish (directional satin finish) on exposed surfaces.

\*\* NOTE TO SPECIFIER \*\* Delete the following paragraph if dryer tumblers are not required. Washer extractors are fabricated from stainless steel.

* + 1. Dryer Tumblers - Galvanized Steel: ASTM A 653/A 653M, G90 (Z275) coating designation; commercial-quality, cold-rolled steel that is zinc coated by the hot-dip process and chemically treated.

\*\* NOTE TO SPECIFIER \*\* Delete the following article if no UWTV washer extractor models are selected.

* 1. UW SERIES HIGH PERFORMANCE WASHER EXTRACTOR MODELS AND COMPONENTS

\*\* NOTE TO SPECIFIER \*\* Use following if any of the UWT - high performance washer extractor models are specified.

* + 1. Model UWT V40V General Characteristics:
			1. Frame: Heavy-duty structural plate steel frame.
			2. Construction: Cabinet front, top, sides and inner and outer tubs, 304 grade stainless steel.
			3. Control System: UniLinc Touch.
				1. Programmable microprocessor; (Control Interface, Wi-Fi, Infrared or USB (PC)).
				2. 99 programmable cycles.
				3. 30 programmable water levels, plus overflow.
				4. Graphic display with words and icons.
				5. Automatic maintenance reminders by day, week and month.
				6. Wi-Fi and PC software with management reports.
				7. Internet connectivity for off-site diagnostic capabilities and remote programming capabilities.
				8. Real-time clock allows time and date stamp to 100+ items.
				9. Cycle counter.
				10. Displays a count up timer after the end of cycle.
				11. Temperature controlled fill and thermal cool down.
				12. Water Monitoring: Fill value, slow drain and automatic leak detection system.
				13. Diagnostic capabilities
			4. Chemical Supply System: Automatic flushing and connections for 5 external supply lines and control signals for 8 external supplies.
				1. UWT V30V adds 5 cup manual fill soap box option for dry chemical dispensing. Also deletes external supply signals and external connections.
			5. Cylinder Drive: Programmable inverter drive.
			6. Rapid jet-spray rinse system.
			7. Drain Valve: Automatically opens in event of power failure.

\*\* NOTE TO SPECIFIER \*\* Delete all UWT washer extractor model numbers not used.

* + 1. Model No. UWT045V40V:
			1. Dry Weight Capacity: 45 lb (20 kg).
			2. Wash Cylinder Volume: 7.21 cu. ft. (204164 cu cm) minimum.
			3. Number of Speeds: 9.
			4. Number and Size of Water Inlet Connections: all 3/4 in (19 mm) NH male connectors.
			5. Number and Size of Drain Outlets: 1 at 3 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. G Force: 27/Very Low, 100/Low, 200/Medium, 250/High, 300/Very High, 400/Ultra High.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/1 or 3 phase.
			2. Electrical Requirements: 208v-240v/60Hz/3 phase.
			3. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT065V40V:
			1. Dry Weight Capacity: 65 lb (30 kg).
			2. Wash Cylinder Volume: 9.61 cu. ft. (272125 cu cm) minimum.
			3. Number of Speeds: 9.
			4. Number and Size of Water Inlet Connections: All 3/4 in (19 mm) NH male connectors.
			5. Number and Size of Drain Outlets: 1 at 3 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. G Force: 27/Very Low, 100/Low, 200/Medium, 250/High, 300/Very High, 400/Ultra High.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/1 or 3 phase.
			2. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT085V40V:
			1. Dry Weight Capacity: 85 lb (38.6 kg).
			2. Wash Cylinder Volume: 13 cu. ft. (368119 cu cm) minimum.
			3. Number of Speeds: 9.
			4. Number and Size of Water Inlet Connections: All 3/4 in (19 mm) NH male connectors.
			5. Number and Size of Drain Outlets: 2 at 3 in (76 mm).
			6. Drive Motor: 7.5 hp (5.6 kW).
			7. G Force: 300.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/3phase.
			2. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT105V40V:
			1. Dry Weight Capacity: 105 lb (47.6 kg).
			2. Wash Cylinder Volume: 15.9 cu. ft. (450238 cu cm) minimum.
			3. Number of Speeds: 9.
			4. Number and Size of Water Inlet Connections: All 3/4 in (19 mm) NH male connectors.
			5. Number and Size of Drain Outlets: 2 at 3 in (76 mm).
			6. Drive Motor: 7.5 hp (5.6 kW).
			7. G Force: 300.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/3 phase.
			2. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT130V40V:
			1. Dry Weight Capacity: 130 lb (59.0 kg).
			2. Wash Cylinder Volume: 19.6 cu. ft. (555010 cu cm) minimum.
			3. Number of Speeds: 9.
			4. Number and Size of Water Inlet Connections: 2 at 1in (25 mm) and 2 at 3/4 in (19 mm) all NH male connectors.
			5. Number and Size of Drain Outlets: 2 at 3 in (76 mm).
			6. Drive Motor: 10 hp (7.5 kW).
			7. G Force: 300.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/3phase.
			2. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT160V40V:
			1. Dry Weight Capacity: 160 lb (72.6 kg).
			2. Wash Cylinder Volume: 24.1 cu. ft. (682436 cu cm) minimum.
			3. Number of Speeds: 9.
			4. Number and Size of Water Inlet Connections: 2 at 1in (25 mm) and 2 at 3/4 in (19 mm) all NH male connectors.
			5. Number and Size of Drain Outlets: 2 at 3 in (76 mm).
			6. Drive Motor: 10 hp (7.5 kW).
			7. G Force: 300.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/3 phase.
			2. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model UWT200V:

\*\* NOTE TO SPECIFIER \*\* Delete model not required.

* + - 1. Model without Soapbox: Model UWT200V40M.
			2. Model with Soapbox: Model UWT200V30M.
			3. Dry Weight Capacity: 200 lb (90.7 kg).
			4. Wash Cylinder Volume: 30.1 cu.ft. (852 l) minimum.
			5. Number of Speeds: 9.
			6. Number and Size of Water Inlet Connections: 2 (main fill) connections with 1 inch (25 mm) NH male connections and 2 (spray rinse) connections with 3/4 inch (19mm) NH male connections.
			7. Number and Size of Drain Outlets: 2 at 3.0 in (76 mm).
			8. G Force 200.
			9. Cylinder Drive: Inverter drive, poly V belt system.
			10. Drive Motor: 10 hp (7.5 kW).

\*\* NOTE TO SPECIFIER \*\* Delete voltage not required.

* + - 1. Input Voltage: 200-240/50- 60/3; 3 wire plus ground.
			2. Input Voltage: 440-480/50- 60/3; 3 wire plus ground.

\*\* NOTE TO SPECIFIER \*\* Delete the following article if no UWT V40 washer extractor models are selected or delete models not required.

* 1. UWT V40 SERIES HIGH PERFORMANCE WASHER EXTRACTOR MODELS AND COMPONENTS

\*\* NOTE TO SPECIFIER \*\* Use following if any of the UWT V40L and UWT V40V high performance washer extractor models are specified.

* + 1. Model UWT V40L, UWT V40M, and UWT V40V General Characteristics:
			1. Frame: Heavy-duty structural plate steel frame.
			2. Construction: Cabinet front, top, sides and inner and outer tubs, 304 grade stainless steel.
			3. Control System:
				1. Programming methods: Control Interface, Wi-Fi, Infrared or USB (PC).
				2. 99-Cycle Capability with graphic display of words and icons.
				3. 34 languages supported.
				4. 30 programmable water levels, plus overflow.
				5. Graphic display with words and icons.
				6. Automatic maintenance reminders by day, week and month.
				7. Wi-Fi and PC software with management reports.
				8. Internet connectivity for off-site diagnostic and remote programming capabilities.
				9. Real-time clock allows time and date stamp to 100+ items.
				10. Cycle counter.
				11. Displays a count up timer after the end of cycle.
				12. Temperature controlled fill and thermal cool down.
				13. Water monitoring: fill value, slow drain and automatic leak detection system.
				14. Diagnostic capabilities.
			4. Chemical Supply System:
				1. Automatic flushing and 8 external supply signals.
				2. Manually filled 5 compartment dry chemical dispensing system.
			5. Cylinder Drive: Programmable inverter drive.
			6. Rapid jet-spray rinse system.
			7. Drain Valve: Automatically opens in event of power failure.
			8. Bearing protection: ozone resistant seals.
		2. Model No. UWT045V40L:
			1. Dry Weight Capacity: 45 lb (20 kg).
			2. Wash Cylinder Volume: 7.3 cu. ft. (185 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm.
			4. Number and Size of Water Inlet Connections: Four 3/4 in (19 mm) NH male connectors. Main Fill: 2. Spray Rinse: 2.
			5. Number and Size of Drain Outlets: 1 at 3 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. No. of Selectable Extract Speeds: Variable 75 to 477 RPM / 2.5 to 100 G.
			8. Electrical Requirements: 200-240/50- 60/1/3;2/3 wire plus ground.
		3. Model No. UWT065V40L:
			1. Dry Weight Capacity: 65 lb (29.5 kg).
			2. Wash Cylinder Volume: 9.7 cu. ft. (246 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm
			4. Number and Size of Water Inlet Connections: Four 3/4 in (19 mm) NH male connectors. Main Fill: 2. Spray Rinse: 2.
			5. Number and Size of Drain Outlets: 1 at 3 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. No. of Selectable Extract Speeds: Variable 75 to 954 RPM / 2.5 to 400 G.
			8. Electrical Requirements: 200-240/50-60/1/3;2/3 wire plus ground.
		4. Model No. UWT045V40V:
			1. Dry Weight Capacity: 45 lb (20 kg).
			2. Wash Cylinder Volume: 7.3 cu. ft. (185 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm.
			4. Number and Size of Water Inlet Connections: Four 3/4 in (19 mm) NH male connectors. Main Fill: 2. Spray Rinse: 2.
			5. Number and Size of Drain Outlets: 1 at 3 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. No. of Selectable Extract Speeds: Variable 75 to 954 RPM / 2.5 to 400 G.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50- 60/1/3;2/3 wire plus ground.
			2. Electrical Requirements: 440-480/50- 60/3;3 wire plus ground.
		1. Model No. UWT065V40V:
			1. Dry Weight Capacity: 65 lb (29.5 kg).
			2. Wash Cylinder Volume: 9.7 cu. ft. (246 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm.
			4. Number and Size of Water Inlet Connections: Four 3/4 in (19 mm) NH male connectors. Main Fill: 2. Spray Rinse: 2.
			5. Number and Size of Drain Outlets: 1 at 3 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. No. of Selectable Extract Speeds: Variable 75 to 477 RPM / 2.5 to 100 G.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50- 60/1/3;2/3 wire plus groun.
			2. Electrical Requirements: 440-480/50- 60/3;3 wire plus ground.
		1. Model No. UWT085V40V:
			1. Dry Weight Capacity: 85 lb (38.6 kg).
			2. Wash Cylinder Volume: 13.0 cu. ft. (368 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm.
			4. Number and Size of Water Inlet Connections: Four 3/4 in (19 mm) NH male connectors. Main Fill: 2. Spray Rinse: 2.
			5. Number and Size of Drain Outlets: 2 at 3 in (76 mm).
			6. Drive Motor: 7.5 hp (5.6 kW).
			7. No. of Selectable Extract Speeds: Variable 70 to 766 RPM / 2.5 to 300 G.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50- 60/3;3 wire plus ground.
			2. Electrical Requirements: 440-480/50- 60/3;3 wire plus ground.
		1. Model No. UWT105V40V:
			1. Dry Weight Capacity: 105 lb (47.6 kg).
			2. Wash Cylinder Volume: 15.9 cu. ft. (450 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm.
			4. Number and Size of Water Inlet Connections: Four 3/4 in (19 mm) NH male connectors. Main Fill: 2. Spray Rinse: 2.
			5. Number and Size of Drain Outlets: 2 at 3 in (76 mm).
			6. Drive Motor: 7.5 hp (5.6 kW).
			7. No. of Selectable Extract Speeds: Variable 70 to 766 RPM / 2.5 to 300 G.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50- 60/3;3 wire plus ground.
			2. Electrical Requirements: 440-480/50- 60/3;3 wire plus ground.
		1. Model No. UWT130V40V:
			1. Dry Weight Capacity: 130 lb (59 kg).
			2. Wash Cylinder Volume: 19.6 cu. ft. (555 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm.
			4. Number and Size of Water Inlet Connections: Four 3/4 in (19 mm) NH male connectors. Main Fill: 2. Spray Rinse: 2.
			5. Number and Size of Drain Outlets: 2 at 3 in (76 mm).
			6. Drive Motor: 10 hp (7.5 kW).
			7. No. of Selectable Extract Speeds: Variable 65 to 710 RPM / 2.5 to 300 G.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50- 60/3;3 wire plus ground.
			2. Electrical Requirements: 440-480/50- 60/3;3 wire plus ground.
		1. Model No. UWT160V40V:
			1. Dry Weight Capacity: 160 lb (72.6 kg).
			2. Wash Cylinder Volume: 24.1 cu. ft. (682 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm.
			4. Number and Size of Water Inlet Connections: Main Fill: Two, 1 inch (25 mm) NH male connectors. Spray Rinse: Two, 3/4 inch (19 mm) NH male connectors.
			5. Number and Size of Drain Outlets: 2 at 3 in (76 mm).
			6. Drive Motor: 10 hp (7.5 kW).
			7. No. of Selectable Extract Speeds: Variable 65 to 710 RPM / 2.5 to 300 G.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50- 60/3;3 wire plus ground.
			2. Electrical Requirements: 440-480/50- 60/3;3 wire plus ground.
		1. Model No. UWT065V40M:
			1. Dry Weight Capacity: 65 lb (29.5 kg).
			2. Wash Cylinder Volume: 9.7 cu. ft. (246 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm.
			4. Number and Size of Water Inlet Connections: Four 3/4 in (19 mm) NH male connectors. Main Fill: 2. Spray Rinse: 2.
			5. Number and Size of Drain Outlets: 1 at 3 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. No. of Selectable Extract Speeds: Variable 75 to 477 RPM / 2.5 to 100 G.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50- 60/1/3;2/3 wire plus ground.
			2. Electrical Requirements: 440-480/50- 60/3;3 wire plus ground.
		1. Model No. UWT200V40M:
			1. Dry Weight Capacity: 200 lb (90.7 kg).
			2. Wash Cylinder Volume: 10.1 cu. ft. (852 Liters) minimum.
			3. Number of Speeds: Variable 10-50 rpm.
			4. Number and Size of Water Inlet Connections: Main Fill: Two, 1 inch (25 mm) NH male connectors. Spray Rinse: Two, 3/4 inch (19 mm) NH male connectors.
			5. Number and Size of Drain Outlets: 2 at 3 in (76 mm).
			6. Drive Motor: 10 hp (7.5 kW).
			7. No. of Selectable Extract Speeds: Variable 65 to 579 RPM / 2.5 to 200 G.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50- 60/1/3;3 wire plus ground.
			2. Electrical Requirements: 440-480/50- 60/3;3 wire plus ground.

\*\* NOTE TO SPECIFIER \*\* Delete the following article if no UWT\*\*\* washer extractor models are selected.

* 1. UW SERIES MID PERFORMANCE WASHER EXTRACTOR MODELS AND COMPONENTS
		1. Model UWT N2 General Characteristics:
			1. Frame: Heavy-duty structural plate steel frame.
			2. Construction: Cabinet front, top, sides and inner and outer tubs, 304 grade stainless steel.
			3. Control System: UniMac M30.
				1. Programmable microprocessor: machine keypad, Windows PDA/laptop.
			4. Cylinder Drive: Programmable inverter drive with rotation.
			5. Chemical Supply System: Automatic flushing and connections for 4 external supply lines and control signals for 4 external supplies.
				1. UWT N1 adds 5 cup manual fill soap box option for dry chemical dispensing. Also deletes external supply signals and external connections.
			6. Drain Valve: Automatically opens in event of power failure.

\*\* NOTE TO SPECIFIER \*\* Delete all UWT\*\*\* washer extractor model numbers not used.

* + 1. Model No. UWT045N2M:
			1. Dry Weight Capacity: 45 lb (20 kg).
			2. Wash Cylinder Volume: 7.21 cu. ft. (204,164 cu cm) minimum.
			3. Control: M30 system.
			4. Number and Size of Water Inlet Connections: 2 at 3/4 in (19 mm), NH male connectors.
			5. Number and Size of Drain Outlets: 1 at 3.0 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. G Force (M Sp): 27/Very Low, 100/Low, 200/Medium.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/1phase.
			2. Electrical Requirements: 208v-240v/60Hz/3 phase.
			3. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT045N2L:
			1. Dry Weight Capacity: 45 lb (20 kg).
			2. Wash Cylinder Volume: 7.21 cu. ft. (204,164 cu cm) minimum.
			3. Control: M30 system.
			4. Number and Size of Water Inlet Connections: 2 at 3/4 in (19 mm), NH male connectors.
			5. Number and Size of Drain Outlets: 1 at 3.0 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. G Force (L Sp): 27/Very Low, 100/Low.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/1phase.
			2. Electrical Requirements: 208v-240v/60Hz/3 phase.
			3. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT065N2M:
			1. Dry Weight Capacity: 65 lb (30 kg).
			2. Wash Cylinder Volume: 9.61 cu. ft. (272,125 cu cm) minimum.
			3. Control: M30 system.
			4. Number and Size of Water Inlet Connections: 2 at 3/4 in (19 mm), NH male connectors.
			5. Number and Size of Drain Outlets: 1 at 3.0 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. G Force (M Sp): 27/Very Low,100/Low, 200/Medium.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/1phase.
			2. Electrical Requirements: 208v-240v/60Hz/3 phase.
			3. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT065N2L:
			1. Dry Weight Capacity: 65 lb (30 kg).
			2. Wash Cylinder Volume: 9.61 cu. ft. (272,125 cu cm) minimum.
			3. Control: M30 system.
			4. Number and Size of Water Inlet Connections: 2 at 3/4 in (19 mm), NH male connectors.
			5. Number and Size of Drain Outlets: 1 at 3.0 in (76 mm).
			6. Drive Motor: 5 hp (3.7 kW).
			7. G Force (L Sp): 27/Very Low, 100/Low.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/1phase.
			2. Electrical Requirements: 208v-240v/60Hz/3 phase.
			3. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT085N2M:
			1. Dry Weight Capacity: 85 lb (38.6 kg).
			2. Wash Cylinder Volume: 13 cu. ft. (368119 cu cm) minimum.
			3. Control: M30 system.
			4. Number and Size of Water Inlet Connections: 2 at 3/4 in (19 mm), NH male connectors.
			5. Number and Size of Drain Outlets: 1 at 3.0 in (76 mm).
			6. Drive Motor: 7.5 hp (5.6 kW).
			7. G Force: 200.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/3 phase.
			2. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT105N2M:
			1. Dry Weight Capacity: 105 lb (47.6 kg).
			2. Wash Cylinder Volume:15.9 cu. ft. (450238 cu cm) minimum.
			3. Control: M30 system.
			4. Number and Size of Water Inlet Connections: 2 at 3/4 in (19 mm), NH male connectors.
			5. Number and Size of Drain Outlets: 1 at 3.0 in (76 mm).
			6. Drive Motor: 7.5 hp (5.6 kW).
			7. G Force: 200.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/3 phase.
			2. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UWT130N2M:
			1. Dry Weight Capacity: 130 lb (59.0 kg).
			2. Wash Cylinder Volume: 19.6 cu. ft. (555010 cu cm) minimum.
			3. Control: M30 system.
			4. Number and Size of Water Inlet Connections: 2 at 1 in (25 mm), NH male connectors.
			5. Number and Size of Drain Outlets: 1 at 3.0 in (76 mm).
			6. Drive Motor: 10 hp (7.5 kW).
			7. G Force: 200.

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/3 phase.
			2. Electrical Requirements: 440v-480v/60Hz/3phase.

\*\* NOTE TO SPECIFIER \*\* Delete the following article if Models UC washer extractor models are not required.

* 1. UC SERIES WASHER EXTRACTOR MODELS AND COMPONENTS

\*\* NOTE TO SPECIFIER \*\* Use following if any of the UC washer extractor models are specified.

* + 1. Model UCT\*\*\*\* General Characteristics:
			1. Frame: Heavy-duty structural steel A-frame.
			2. Construction: Cabinet front, top, and inner and outer tubs, 304 grade stainless steel.

\*\* NOTE TO SPECIFIER \*\* This four-cycle control with 100 G-Force offers straightforward control for laundries with light soil and a limited selection of linen types. It's simple to use and offers a limited diagnostic test. Delete control system if not required.

* + - 1. Control System: Four-cycle Control. M4 with 100 G-Force.
				1. 4 cycle capability.
				2. Limited programming with controller only.
				3. Cycle counter.
				4. Water monitoring: slow drain and automatic leak detection system.
				5. Limited diagnostic capabilities.

\*\* NOTE TO SPECIFIER \*\* This nine-cycle control, available with 100 G-Force and 200 G-Force, is designed to be easy-to-use, while offering the programming flexibility to meet the needs of special applications. Three water level settings and up to four supply signals for automatic laundry chemical dispensing offer even more flexibility, while self diagnostic and cycle counter tools help ensure that your laundry keeps running as efficiently as possible. Delete control system not required.

* + - 1. Control System: Nine-cycle Control. M9 with 100 G-Force.
				1. Programmable microprocessor, with cycle time remaining and cycle counter.
				2. Programmable microprocessor: machine keypad, Windows PDA/laptop.
				3. 9 cycle capability.
				4. 3 programmable water levels.
				5. Real-time clock to record events by date and time.
				6. Cycle counter.
				7. Water monitoring: slow drain and automatic leak detection system.
				8. Diagnostic capabilities.
			2. Control System: Nine-cycle Control. M9 with 200 G-Force.
				1. Programmable microprocessor, with cycle time remaining and cycle counter.
				2. Programmable microprocessor: machine keypad, Windows PDA/laptop.
				3. 9 cycle capability.
				4. 3 programmable water levels.
				5. Real-time clock to record events by date and time.
				6. Cycle counter.
				7. Water monitoring: slow drain and automatic leak detection system.
				8. Diagnostic capabilities.

\*\* NOTE TO SPECIFIER \*\* This thirty-cycle control, available with 100 G-Force and 200 G-Force, is designed to be easy-to-use, while offering the most programming flexibility to meet the needs of any application. Thirty water level settings and four supply signals for automatic laundry chemical dispensing offer the most flexibility, while self diagnostic and cycle counter tools help ensure that your laundry keeps running as efficiently as possible. Temperature controlled water filling is standard. Optional electric heat is available. Delete control system not required.

* + - 1. Control System: Thirty-cycle Control. M30 with 100 G-Force.
				1. Programmable microprocessor, with cycle time remaining and cycle counter.
				2. Programmable microprocessor: machine keypad, Windows PDA/laptop.
				3. 30 cycle capability.
				4. 30 programmable water levels.
				5. Real-time clock to record events by date and time.
				6. Cycle counter.
				7. Temperature controlled fill and thermal cool-down capability.
				8. Water monitoring: slow drain and automatic leak detection system.
				9. Diagnostic capabilities.
			2. Control System: Thirty-cycle Control. M30 with 200 G-Force.
				1. Programmable microprocessor, with cycle time remaining and cycle counter.
				2. Programmable microprocessor: machine keypad, Windows PDA/laptop.
				3. 30 cycle capability.
				4. 30 programmable water levels.
				5. Real-time clock to record events by date and time.
				6. Cycle counter.
				7. Temperature controlled fill and thermal cool-down capability.
				8. Water monitoring: slow drain and automatic leak detection system.
				9. Diagnostic capabilities.
			3. Chemical Supply System:
				1. Automatic flushing and connections for 4 external supply lines and control signals for 4 external supplies.
				2. Four compartment, manually filled self-cleaning dry chemical dispensing system.
			4. Drain Valve: Automatic opening in event of power failure.

\*\* NOTE TO SPECIFIER \*\* Delete all UC washer extractor model numbers not used.

* + 1. Model No. UCT020:
			1. Capacity: 20 lb (9 kg).
			2. Cylinder Volume: 2.76 cu. ft. (78.1 L).
			3. G Force: 27/Very Low, 80/Low, 100/Medium, 120/High, 150/Very High, 200/Ultra High.
			4. Drive Motor: 1 hp.
			5. Cylinder Drive: Inverter drive, poly V belt.
			6. Water Inlet Connections: 2 at 3/4 inch (19 mm) NH male connectors.
			7. Drain Valves and Diameter: 1 at 2 inches (52 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 120v/60Hz/1phase.
			2. Electrical Requirements: 208v-240v/60Hz/1phase.
			3. Electrical Requirements: 208v-240v/60Hz/3phase.
			4. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UCT030:
			1. Capacity: 30 lb (12 kg).
			2. Cylinder Volume: 4.2 cu. ft. (118 L).
			3. G Force: 27/Very Low, 80/Low, 100/Medium, 120/High, 150/Very High, 200/Ultra High.
			4. Cylinder Drive: Inverter drive, poly V belt.
			5. Drive Motor: 1.3 hp.
			6. Water Inlet Connections: 2 at 3/4 inch (19 mm) NH male connectors.
			7. Drain Valves and Diameter: 1 at 2 inches (52 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 120v/60Hz/1phase.
			2. Electrical Requirements: 208v-240v/60Hz/1phase.
			3. Electrical Requirements: 208v-240v/60Hz/3phase.
			4. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UCT040:
			1. Capacity: 40 lb (18 kg).
			2. Cylinder Volume: 6.34 cu. ft. (180 L).
			3. G Force: 27/Very Low, 80/Low, 100/Medium, 120/High, 150/Very High, 200/Ultra High.
			4. Cylinder Drive: Inverter drive, poly V belt.
			5. Drive Motor: 2 hp.
			6. Water Inlet Connections: 2 at 3/4 inch (19 mm) NH male connectors.
			7. Drain Valves and Diameter: 1 at 3 inches (76 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 120v/60Hz/1phase.
			2. Electrical Requirements: 208v-240v/60Hz/1phase.
			3. Electrical Requirements: 208v-240v/60Hz/3phase.
			4. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UCT060:
			1. Capacity: 60 lb (27 kg).
			2. Cylinder Volume: 9 cu. ft. (225 L).
			3. G Force: 27/Very Low, 80/Low, 100/Medium, 120/High, 150/Very High, 200/Ultra High.
			4. Cylinder Drive: Inverter drive, poly V belt.
			5. Drive Motor: 3 hp.
			6. Water Inlet Connections: 2 at 3/4 inch (19 mm) NH male connectors.
			7. Drain Valves and Diameter: 1 at 3 inches (76 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/1phase.
			2. Electrical Requirements: 208v-240v/60Hz/3phase.
			3. Electrical Requirements: 440v-480v/60Hz/3phase.
		1. Model No. UCT080:
			1. Capacity: 80 lb (36 kg).
			2. Cylinder Volume: 12.4 cu. ft. (354 L).
			3. G Force: 27/Very Low, 80/Low, 100/Medium, 120/High, 150/Very High, 200/Ultra High.
			4. Cylinder Drive: Inverter drive, poly V belt.
			5. Drive Motor: 5 hp.
			6. Water Inlet Connections: 2 at 3/4 inch (19 mm) NH male connectors.
			7. Drain Valves and Diameter: 1 at 3 inches (76 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 208v-240v/60Hz/3phase.
			2. Electrical Requirements: 440v-480v/60Hz/3phase.

\*\* NOTE TO SPECIFIER \*\* Delete the following article and if no UYN washer extractor models are selected.

* 1. UYN SERIES WASHER EXTRACTOR MODELS AND COMPONENTS

\*\* NOTE TO SPECIFIER \*\* Use following if any of the UYN washer extractor models are specified. Delete extractor not required.

* + 1. Model No. UYN020.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.
				2. Input voltage: Z: 208-240/50-60/1; 2 wire (L1, L2).
				3. Dry weight capacity: 20 lb (7.5 kg).
				4. Wash cylinder volume: 2.64 cu ft (75 L) minimum.
				5. Overall width: 27.95 inches (710 mm) nominal.
				6. Overall height: 43.89 inches (1115 mm) nominal.
				7. Overall depth: 31.10 inches (790 mm) nominal.
				8. Number and size of water supply inlet valves: 3 with 3/4 inch (19 mm) BSP male connections (2 standard, 1 optional).
				9. Number and size of drain outlets: 1 at 3 inches (76 mm).
				10. Overflow: Internally plumbed.
				11. Control system: Programmable microprocessor.
				12. Cylinder drive: Single motor, 1 hp, capable of 1165 RPM maximum, using a rotation sensor to monitor performance.
				13. Bearing lubrication: Shall require lubrication once a month or every 200 working hours, whichever comes first.
			2. Performance:
				1. G-force at highest extract speed: 400 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 11 external supply lines and control signals for 8 external supplies.

* + - * 1. 21 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN025.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.
				2. Input voltage: X: 208-240/50-60/1; 2 wire (L1, L2).
				3. Dry weight capacity: 25 lb (11.4 kg).
				4. Wash cylinder volume: 3.7 cu ft (105 L) minimum.
				5. Overall width: 31.29 inches (795 mm) nominal.
				6. Overall height: 48.22 inches (1225 mm) nominal.
				7. Overall depth: 31.29 inches (795 mm) nominal.
				8. Number and size of water supply inlet valves: 3 with 3/4 inch (19 mm) BSP male connections (2 standard, 1 optional).
				9. Number and size of drain outlets: 1 at 3 inches (76 mm).
				10. Overflow: Internally plumbed.
				11. Control system: Programmable microprocessor.
				12. Cylinder drive: Single motor, 5 hp, capable of 1075 RPM maximum, using a rotation sensor to monitor performance.
				13. Bearing lubrication: Shall require lubrication once a month or every 200 working hours, whichever comes first.
			2. Performance:
				1. G-force at highest extract speed: 400 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 11 external supply lines and control signals for 8 external supplies.

* + - * 1. 22 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN030.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.
				2. Input voltage: Z: 208-240/50-60/1; 2 wire (L1, L2).
				3. Dry weight capacity: 30 lb (13.6 kg).
				4. Wash cylinder volume: 4.76 cu ft (135 L) minimum.
				5. Overall width: 31.29 inches (795 mm) nominal.
				6. Overall height: 48.22 inches (1225 mm) nominal.
				7. Overall depth: 37.20 inches (945 mm) nominal.
				8. Number and size of water supply inlet valves: 3 with 3/4 inch (19 mm) BSP male connections (2 standard, 1 optional).
				9. Number and size of drain outlets: 1 at 3 inches (76 mm).
				10. Overflow: Internally plumbed.
				11. Control system: Programmable microprocessor.
				12. Cylinder drive: Single motor, 2 hp, capable of 1075 RPM maximum, using a rotation sensor to monitor performance.
				13. Bearing lubrication: Shall require lubrication once a month or every 200 working hours, whichever comes first.
			2. Performance:
				1. G-force at highest extract speed: 400 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 11 external supply lines and control signals for 8 external supplies.

* + - * 1. 22 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN040.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.
				2. Input voltage: Z: 208-240/50-60/1; 2 wire (L1, L2).
				3. Dry weight capacity: 40 lb (18.1 kg).
				4. Wash cylinder volume: 6.4 cu ft (181 L) minimum.
				5. Overall width: 38.18 inches (970 mm) nominal.
				6. Overall height: 55.51 inches (1410 mm) nominal.
				7. Overall depth: 38.18 inches (970 mm) nominal.
				8. Number and size of water supply inlet valves: 3 with 3/4 inch (19 mm) BSP male connections (2 standard, 1 optional).
				9. Number and size of drain outlets: 1 at 3 inches (76 mm).
				10. Overflow: Internally plumbed.
				11. Control system: Programmable microprocessor.
				12. Cylinder drive: Single motor, 3 hp, capable of 980 RPM maximum, using a rotation sensor to monitor performance.
				13. Bearing lubrication: Shall require lubrication once a month or every 200 working hours, whichever comes first.
			2. Performance:
				1. G-force at highest extract speed: 400 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 11 external supply lines and control signals for 8 external supplies.

* + - * 1. 22 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN055.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.

\*\* NOTE TO SPECIFIER \*\* Delete input voltage not required.

* + - * 1. Input Voltage: Z: 208-240/50-60/1; 2 wire (L1, L2).
				2. Input Voltage: 7: 440-480/50-60/3; 3 wire (L1, L2, L3).
				3. Dry weight capacity: 55 lb (25 kg).
				4. Wash cylinder volume: 8.5 cu ft (241 L) minimum.
				5. Overall width: 38.18 inches (970 mm) nominal.
				6. Overall height: 55.51 inches (1410 mm) nominal.
				7. Overall depth: 43.50 inches (1104 mm) nominal.
				8. Number and size of water supply inlet valves: 3 with 3/4 inch (19 mm) BSP male connections (2 standard, 1 optional).
				9. Number and size of drain outlets: 1 at 3 inches (76 mm).
				10. Overflow: Internally plumbed.
				11. Control system: Programmable microprocessor.
				12. Cylinder drive: Single motor, 4 hp, capable of 980 RPM maximum, using a rotation sensor to monitor performance.
				13. Bearing lubrication: Shall require lubrication once a month or every 200 working hours, whichever comes first.
			1. Performance:
				1. G-force at highest extract speed: 400 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 11 external supply lines and control signals for 8 external supplies.

* + - * 1. 24 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN070.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.

\*\* NOTE TO SPECIFIER \*\* Delete input voltage not required.

* + - * 1. Input Voltage: Z: 208-240/50-60/1; 2 wire (L1, L2).
				2. Input Voltage: 7: 440-480/50-60/3; 3 wire (L1, L2, L3).
				3. Dry weight capacity: 70 lb (31.8 kg).
				4. Wash cylinder volume: 9.9 cu ft (280 L) minimum.
				5. Overall width: 38.18 inches (970 mm) nominal.
				6. Overall height: 55.51 inches (1410 mm) nominal.
				7. Overall depth: 46.65 inches (1185 mm) nominal.
				8. Number and size of water supply inlet valves: 3 with 3/4 inch (19 mm) BSP male connections (2 standard, 1 optional).
				9. Number and size of drain outlets: 1 at 3 inches (76 mm).
				10. Overflow: Internally plumbed.
				11. Control system: Programmable microprocessor.
				12. Cylinder drive: Single motor, 4 hp, capable of 915 RPM maximum, using a rotation sensor to monitor performance.
				13. Bearing lubrication: Shall require lubrication once a month or every 200 working hours, whichever comes first.
			1. Performance:
				1. G-force at highest extract speed: 350 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 11 external supply lines and control signals for 8 external supplies.

* + - * 1. 24 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN090.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.

\*\* NOTE TO SPECIFIER \*\* Delete input voltage not required.

* + - * 1. Input Voltage: M: 208-240/50-60/3; 3 wire (L1, L2, L3).
				2. Input Voltage: 4: 400-480/50-60/3; 3 wire (L1, L2, L3).
				3. Dry weight capacity: 90 lb (40.8 kg).
				4. Wash cylinder volume: 14.13 cu ft (400 L) minimum.
				5. Overall width: 47.04 inches (1195 mm) nominal.
				6. Overall height: 75 inches (1905 mm) nominal.
				7. Overall depth: 56.3 inches (1430 mm) nominal.
				8. Number and size of water supply inlet valves: 3 with 1 inch (25 mm) BSP male connections.
				9. Number and size of drain outlets: 2 at 3 inches (76 mm).
				10. Overflow: Internally plumbed.
				11. Control system: Programmable microprocessor.
				12. Cylinder drive: Single motor, 10 hp, capable of 830 RPM maximum, using a rotation sensor to monitor performance.
				13. Bearing lubrication: Shall require lubrication once a month or every 200 working hours, whichever comes first.
			1. Performance:
				1. G-force at highest extract speed: 350 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 6 external supply lines and control signals for 8 external supplies.

* + - * 1. 43 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN125.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.

\*\* NOTE TO SPECIFIER \*\* Delete input voltage not required.

* + - * 1. Input Voltage: M: 208-240/50-60/3; 3 wire (L1, L2, L3).
				2. Input Voltage: 4: 400-480/50-60/3; 3 wire (L1, L2, L3).
				3. Dry weight capacity: 125 lb (56.7 kg).
				4. Wash cylinder volume: 18.29 cu ft (518 L) minimum.
				5. Overall width: 47.04 inches (1195 mm) nominal.
				6. Overall height: 75 inches (1905 mm) nominal.
				7. Overall depth: 63.4 inches (1610 mm) nominal.
				8. Number and size of water supply inlet valves: 3 with 1 inch (25 mm) BSP male connections.
				9. Number and size of drain outlets: 2 at 3 inches (76 mm).
				10. Overflow: Internally plumbed.
				11. Control system: Programmable microprocessor.
				12. Cylinder drive: Single motor, 10 hp, capable of 830 RPM maximum, using a rotation sensor to monitor performance.
				13. Bearing lubrication: Shall require lubrication once a month or every 200 working hours, whichever comes first.
			1. Performance:
				1. G-force at highest extract speed: 350 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 6 external supply lines and control signals for 8 external supplies.

* + - * 1. 43 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN180.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.

\*\* NOTE TO SPECIFIER \*\* Delete input voltage not required.

* + - * 1. Input Voltage: M: 208-240/50-60/3; 3 wire (L1, L2, L3).
				2. Input Voltage: 4: 400-480/50-60/3; 3 wire (L1, L2, L3).
				3. Dry weight capacity: 180 lb (81.6 kg).
				4. Wash cylinder volume: 28.50 cu ft (807 L) minimum.

 \*\* NOTE TO SPECIFIER \*\* Delete tilt/non-tilt function not required.

* + - * 1. Non-tilt Function: Standard machine dimensions:

Overall width: 58.86 inches (1495 mm) nominal.

Overall height: 78.15 inches (1985 mm) nominal.

Overall depth: 76.38 inches (1940 mm) nominal.

* + - * 1. Tilt Function: Tilt option machine dimensions:

Overall width: 61.61 inches (1565 mm) nominal.

Overall height: 87.20 inches (2215 mm) nominal.

Overall depth: 79.53 inches (2020 mm) nominal.

* + - * 1. Number and size of water supply inlet valves: 3 with 1-1/2 inches) (38 mm) BSP male connections.
				2. Number and size of drain outlets: 2 at 4 inches (102 mm).
				3. Overflow: Internally plumbed.
				4. Control system: Programmable microprocessor.
				5. Cylinder drive: Single motor, 15 hp, capable of 750 RPM maximum, using a rotation sensor to monitor performance.
				6. Bearing lubrication: Shall require lubrication every 6 months or as needed.
			1. Performance:
				1. G-force at highest extract speed: 350 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 1 external supply lines and control signals for 8 external supplies.

* + - * 1. 46 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN230.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.

\*\* NOTE TO SPECIFIER \*\* Delete input voltage not required.

* + - * 1. Input Voltage: M: 208-240/50-60/3; 3 wire (L1, L2, L3).
				2. Input Voltage: 4: 400-480/50-60/3; 3 wire (L1, L2, L3).
				3. Dry weight capacity: 230 lb (104.3 kg).
				4. Wash cylinder volume: 35.42 cu ft (1003 L) minimum.

 \*\* NOTE TO SPECIFIER \*\* Delete tilt/non-tilt function not required.

* + - * 1. Non-tilt Function: Standard machine dimensions:

Overall width: 70.74 inches (1797 mm) nominal.

Overall height: 81.10 inches (2060 mm) nominal.

Overall depth: 78.94 inches (2005 mm) nominal.

* + - * 1. Tilt Function: Tilt option machine dimensions:

Overall width: 72.87 inches (1851 mm) nominal.

Overall height: 90.55 inches (2300 mm) nominal.

Overall depth: 82.68 inches (2100 mm) nominal.

* + - * 1. Number and size of water supply inlet valves: 3 with 1-1/2 inches (38 mm) BSP male connections.
				2. Number and size of drain outlets: 2 at 4 inches (102 mm).
				3. Overflow: Internally plumbed.
				4. Control system: Programmable microprocessor.
				5. Cylinder drive: Single motor, 20 hp, capable of 720 RPM maximum, using a rotation sensor to monitor performance.
				6. Bearing lubrication: Shall require lubrication every 6 months or as needed.
			1. Performance:
				1. G-force at highest extract speed: 350 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 1 external supply lines and control signals for 8 external supplies.

* + - * 1. 41 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.
		1. Model No. UYN275.
			1. Design: Freestanding automatic laundry washer-extractor for processing water-washed linen items.
				1. Construction: 304 or equal stainless steel cylinder, tub, front and top panels.

\*\* NOTE TO SPECIFIER \*\* Delete input voltage not required.

* + - * 1. Input Voltage: M: 208-240/50-60/3; 3 wire (L1, L2, L3).
				2. Input Voltage: 4: 400-480/50-60/3; 3 wire (L1, L2, L3).
				3. Dry weight capacity: 275 lb (124.7 kg).
				4. Wash cylinder volume: 41.67 cu ft (1180 L) minimum.

 \*\* NOTE TO SPECIFIER \*\* Delete tilt/non-tilt function not required.

* + - * 1. Non-tilt: Standard machine dimensions:

Overall width: 73.03 inches (1855 mm) nominal.

Overall height: 82.09 inches (2085 mm) nominal.

Overall depth: 82.09 inches (2085 mm) nominal.

* + - * 1. Optional Tilt Function: Tilt option machine dimensions:

Overall width: 74.57 inches (1894 mm) nominal.

Overall height: 91.85 inches (2333 mm) nominal.

Overall depth: 84.84 inches (2155 mm) nominal.

* + - * 1. Number and size of water supply inlet valves: 3 with 1-1/2 inches (38 mm) BSP male connections.
				2. Number and size of drain outlets: 2 at 4 inches (102 mm).
				3. Overflow: Internally plumbed.
				4. Control system: Programmable microprocessor.
				5. Cylinder drive: Single motor, 25 hp, capable of 695 RPM maximum, using a rotation sensor to monitor performance.
				6. Bearing lubrication: Shall require lubrication every 6 months or as needed.
			1. Performance:
				1. G-force at highest extract speed: 350 G's.
				2. Chemical Supply System:

Manually filled 5 compartment dry chemical dispensing system.

Automatic flushing and connections for 1 external supply lines and control signals for 8 external supplies.

* + - * 1. 41 Programmable water levels.
				2. Control System:

Programmable microprocessor.

99 cycle capacity.

RS-485 pc link for programming.

USB drive.

Capable of precise temperature controlled fills.

Thermal cooldown.

Overnight soak.

* + - * 1. Drain valve automatically open in event of power failure.

\*\* NOTE TO SPECIFIER \*\* Delete article below if no 30, 45, or 55 lb. dryer tumbler models required or delete models not required.

* 1. DRYER TUMBLER MODELS 30, 45, AND 55 AND COMPONENTS

\*\* NOTE TO SPECIFIER \*\* Use the following if any of 30 or 55 lb. dryer tumbler models are specified.

* + 1. Model 30, 45 and 55 lb. Model Dryer Tumbler General Characteristics:
			1. Construction: Heavy duty embossed steel with electrostatically applied baked enamel finish.
			2. Door: High grade stainless steel door with 7/8 inch (22 mm) rubber gasket and heavy duty hinge.
			3. Control System: Microprocessor touchpad control;
				1. Programming methods: Machine keypad, Infrared (PC or PDA)
				2. 48-Cycle Capability with graphic display of words and icons
				3. PC software to program machine and/or audit machine performance with quick view performance reports
				4. Record start, stop and idle time by date and time
				5. Record last eight machine errors by date and time
				6. Record machine service history
				7. Internet connectivity for off-site diagnostic capabilities
				8. Automatic maintenance reminders by day, week and month
				9. Over Dry Prevention Technology (OPTidry(™)) System utilizes one cylinder lifter as sensor
			4. Lint Filter: Self-cleaning, depositing lint to large storage area at bottom of tumbler.

\*\* NOTE TO SPECIFIER \*\* OPTidry is an industry-exclusive, cutting-edge innovation that connects sensors located within the lifters to our revolutionary rotary transfer switch to offer unmatched levels of accuracy. The result is a pinpoint dryness reading throughout the entire load, eliminating costs associated with over-drying. Delete if not required.

* + - 1. Over-dry Prevention: OPTidry technology.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - 1. Reversing Operation.
		1. Dryer Tumbler Model No. UT030EVN:
			1. Capacity: 30 lb (13.6 kg).
			2. Lint Filter: 480 sq. in. (3097 sq.cm). Self cleaning, depositing lint to large storage area at bottom of tumble dryer.
			3. Exhaust Size: 6 inches (150 mm).
			4. Heat Source: Electric 21 Kw.

\*\* NOTE TO SPECIFIER \*\* Delete the following electrical requirement not required.

* + - 1. Electrical Requirements: 230v-240v/50-60Hz/3 phase.
			2. Electrical Requirements: 460v-480v/50-60Hz/3phase.
		1. Dryer Tumbler Model No. UT030NVN:
			1. Capacity: 30 lb (13.6 kg).
			2. Lint Filter: 480 sq. in. (3097 sq.cm). Self-cleaning, depositing lint to large storage area at bottom of tumble dryer.
			3. Exhaust Size: 6 inches (150 mm).
			4. Heat Source: Natural Gas, 73,000 BTU/hr, 1/2 in (13 mm) NPT.

\*\* NOTE TO SPECIFIER \*\* Delete the following electrical requirements not required.

* + - 1. Electrical Requirements: 100-120/50-60/1.
			2. Electrical Requirements: 200-240/50-60/1-3.
			3. Electrical Requirements: 440-480/50-60/3.
		1. Dryer Tumbler Model No. UTT30EVN:
			1. Capacity: 2 x 30 lb (2 x 13.6 kg).
			2. Lint Filter: 2 x 405 sq. in. (2613 sq.cm). System utilizes one cylinder lifter as sensor.
			3. Exhaust Size: Elliptical Fits 8 inches (200 mm).
			4. Heat Source: Electric 21 Kw.

\*\* NOTE TO SPECIFIER \*\* Delete the following electrical requirement not required.

* + - 1. Electrical Requirements: 230v-240v/50-60Hz/3 phase.
			2. Electrical Requirements: 460v-480v/50-60Hz/3phase.
		1. Dryer Tumbler Model No. UTT30NVN:
			1. Capacity: 2 x 30 lb (2 x 13.6 kg).
			2. Lint Filter: 2 x 405 sq. in. (2613 sq.cm). System utilizes one cylinder lifter as sensor.
			3. Exhaust Size: Elliptical Fits 8 inches (200 mm).
			4. Heat Source: Natural Gas, 73,000 BTU/hr, 1/2 in (13 mm) NPT.

\*\* NOTE TO SPECIFIER \*\* Delete the following electrical requirements not required.

* + - 1. Electrical Requirements: 100-120/50-60/1.
			2. Electrical Requirements: 200-240/50-60/1-3.
			3. Electrical Requirements: 440-480/50-60/3.
		1. Dryer Tumbler Model No. UTT45NVN:
			1. Capacity: 2 x 45 lb (2 x 20 kg).
			2. Lint Filter: 2 x 558 sq. in. (3600 sq.cm). System utilizes one cylinder lifter as sensor.
			3. Exhaust Size: 10 inches (250 mm).
			4. Heat Source: Natural Gas, 95,000 BTU/hr, 1/2 in (13 mm) NPT.

\*\* NOTE TO SPECIFIER \*\* Delete the following electrical requirements not required.

* + - 1. Electrical Requirements: 200-240/50-60/1-3.
			2. Electrical Requirements: 440-480/50-60/3.
		1. Dryer Tumbler Model No. UT055EVN:
			1. Capacity: 55 lb (24.9 kg).
			2. Lint Filter: 576 sq. in. (3617 sq.cm). Self-cleaning, depositing lint to large storage area at bottom of tumble dryer.
			3. Exhaust Size: 8 inches (203 mm).
			4. Heat Source: Electric 27 Kw.

\*\* NOTE TO SPECIFIER \*\* Delete the electrical requirement not required.

* + - 1. Electrical Requirements: 230-240/50-60/3.
			2. Electrical Requirements: 460-480/50-60/3.
		1. Dryer Tumbler Model No. UT055NVN:
			1. Capacity: 55 lb (24.9 kg).
			2. Lint Filter: 576 sq. in. (3617 sq.cm). Self-cleaning, depositing lint to large storage area at bottom of tumble dryer.
			3. Exhaust Size: 8 inches (203 mm).
			4. Heat Source: Natural Gas, 112,000 BTU/hr, 1/2 in (13 mm) NPT.

\*\* NOTE TO SPECIFIER \*\* Delete the following electrical requirements not required.

* + - 1. Electrical Requirements: 100-120/50-60/1.
			2. Electrical Requirements: 200-240/50-60/1-3.
			3. Electrical Requirements: 440-480/50-60/3.
		1. Dryer Tumbler Model No. UT055SVN:
			1. Capacity: 55 lb (24.9 kg).
			2. Lint Filter: 576 sq. in. (3617 sq.cm). Self-cleaning, depositing lint to large storage area at bottom of tumble dryer.
			3. Exhaust Size: 8 inches (203 mm).
			4. Heat Source: Steam, 130,000 BTU/hr, 3/4 in (19 mm) NPT.

\*\* NOTE TO SPECIFIER \*\* Delete the following electrical requirements not required.

* + - 1. Electrical Requirements: 100-120/50-60/1.
			2. Electrical Requirements: 200-240/50-60/1-3.
			3. Electrical Requirements: 440-480/50-60/3.

\*\* NOTE TO SPECIFIER \*\* Delete article below if no 75, 120, 170 and 200 lb. dryer tumbler models required.

* 1. DRYER TUMBLER MODELS 75, 120, 170 AND 200 AND COMPONENTS

\*\* NOTE TO SPECIFIER \*\* Use following if any of 75, 120, 170 or 200 lb. dryer tumbler models are specified.

* + 1. Model 75, 120, 170, and 200 lb. Model Dryer Tumbler General Characteristics:
			1. Construction: Heavy duty embossed steel with electrostatically applied baked enamel finish.
			2. Door: High grade stainless steel door with 7/8 inch (22 mm) rubber gasket and heavy duty hinge.
			3. Control System: Microprocessor touchpad control;
				1. Programming methods: Machine keypad, Infrared (PC or PDA)
				2. 48-Cycle Capability with graphic display of words and icons
				3. PC software to program machine and/or audit machine performance with quick view performance reports
				4. Record start, stop and idle time by date and time
				5. Record last eight machine errors by date and time
				6. Record machine service history
				7. Internet connectivity for off-site diagnostic capabilities
				8. Automatic maintenance reminders by day, week and month
				9. Over Dry Prevention Technology (OPTidry(™)) System utilizes one cylinder lifter as sensor
			4. Lint Filter: Self cleaning, depositing lint to large storage area at bottom of tumbler.

\*\* NOTE TO SPECIFIER \*\* OPTidry is an industry-exclusive, cutting-edge innovation that connects sensors located within the lifters to our revolutionary rotary transfer switch to offer unmatched levels of accuracy. The result is a pinpoint dryness reading throughout the entire load, eliminating costs associated with over-drying. Delete if not required.

* + - 1. Over-dry Prevention: OPTidry technology.

\*\* NOTE TO SPECIFIER \*\* Reversing operation is optional in all voltage configurations for the UT050 and UT075, and standard for all other models. Delete if using the UT050 or UT075 and the reversing is not required.

* + - 1. Reversing Operation: Required.
		1. Dryer Tumbler Model No. UT075EVN:
			1. Capacity: 75 lb (34 kg).
			2. Lint Filter: 576 sq. in (3716 sq. cm). Self-cleaning, depositing lint to large storage area at bottom of tumble dryer.

\*\* NOTE TO SPECIFIER \*\* Delete all but one heat source below.

* + - 1. Heat Source: Electric 30 Kw with 3/4 hp motor.
			2. Exhaust Size: 8 in (203 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 230-240/50-60/3 phase.
			2. Electrical Requirements: 460-480/50-60/3 phase.
		1. Dryer Tumbler Model No. UT075NVN:
			1. Capacity: 75 lb (34 kg).
			2. Lint Filter: 576 sq. in (3716 sq. cm). Self-cleaning, depositing lint to large storage area at bottom of tumble dryer.

\*\* NOTE TO SPECIFIER \*\* Delete all but one heat source below.

* + - 1. Heat Source: Natural Gas, 150,000 BTU/hr, 1/2 in (13 mm) NPT.
			2. Exhaust Size: 8 in (203 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 100-120/50-60/1.
			2. Electrical Requirements: 200-240/50-60/1-3.
			3. Electrical Requirements: 440-480/50-60/3.
		1. Dryer Tumbler Model No. UT075SVN:
			1. Capacity: 75 lb (34 kg).
			2. Lint Filter: 576 sq. in (3716 sq. cm). Self-cleaning, depositing lint to large storage area at bottom of tumble dryer.

\*\* NOTE TO SPECIFIER \*\* Delete all but one heat source below.

* + - 1. Heat Source: Steam, 133,900 BTU/hr, 3/4 NPT.
			2. Exhaust Size: 8 in (203 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 100-120/50-60/1.
			2. Electrical Requirements: 200-240/50-60/1-3.
			3. Electrical Requirements: 440-480/50-60/3.
		1. Dryer Tumbler Model No. UTF75NVN:
			1. Capacity: 75 lb (34 kg).
			2. Lint Filter: 576 sq. in (3716 sq. cm).
			3. Cylinder Drive: Reversing cylinder.

\*\* NOTE TO SPECIFIER \*\* Delete all but one heat source below.

* + - 1. Heat Source: Natural Gas, 225,000 BTU/hr, 3/4 in (19 mm) NPT.
			2. Exhaust Size: 10 in (254 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50-60/3 phase.
			2. Electrical Requirements: 440-480/50-60/3 3phase.
		1. Dryer Tumbler Model No. UT120EVN:
			1. Capacity: 120 lb (55 kg).
			2. Lint Filter: 1301 sq. in (8394 sq. cm).
			3. Heat Source: Electric. 60 kW.
			4. Exhaust Size: 10 in (254 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 230-240/50-60/3 phase.
			2. Electrical Requirements: 460-480/50-60/3 phase.
		1. Dryer Tumbler Model No. UT120NVN:
			1. Capacity: 120 lb (55 kg).
			2. Lint Filter: 1301 sq. in (8394 sq. cm).
			3. Heat Source: Natural Gas, 270,000 BTU/hr, 1 in (25 mm) NPT
			4. Exhaust Size: 10 in (254 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50-60/3phase.
			2. Electrical Requirements: 440-480/50-60/3phase.
		1. Dryer Tumbler Model No. UT120SVN:
			1. Capacity: 120 lb (55 kg).
			2. Lint Filter: 1301 sq. in (8394 sq. cm).
			3. Heat Source: Steam, 187,500 BTU/hr, 3/4 NPT.
			4. Exhaust Size: 10 in (254 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50-60/3phase.
			2. Electrical Requirements: 440-480/50-60/3phase.
		1. Dryer Tumbler Model No. UT170NVN:
			1. Capacity: 170 lb (77 kg).
			2. Lint Filter: 1653 sq. in (10664 sq. cm).
			3. Heat Source: Natural Gas, 395,000 BTU/hr, 1 in (25 mm) NPT.
			4. Exhaust Size: 12 in (305 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50-60/3phase.
			2. Electrical Requirements: 440-480/50-60/3phase.
		1. Dryer Tumbler Model No. UT170SVN:
			1. Capacity: 170 lb (77 kg).
			2. Lint Filter: 1653 sq. in (10664 sq. cm).
			3. Heat Source: Steam, 265,500 BTU/hr. Inlet: 3/4 inch (19 mm) NPT. Outlet: 1 in (25 mm) NPT.
			4. Exhaust Size: 12 in (305 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50-60/3phase.
			2. Electrical Requirements: 440-480/50-60/3phase.
		1. Dryer Tumbler Model No. UT200NVN:
			1. Capacity: 200 lb (90 kg).
			2. Lint Filter: 1653 sq. in (10664 sq. cm).
			3. Heat Source: Natural Gas, 425,000 BTU/hr, 1 in (25 mm) NPT.
			4. Exhaust Size: 12 in (305 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50-60/3phase.
			2. Electrical Requirements: 440-480/50-60/3phase.
		1. Dryer Tumbler Model No. UT200SVN:
			1. Capacity: 200 lb (90 kg).
			2. Lint Filter: 1653 sq. in (10664 sq. cm).
			3. Heat Source: Steam, 265,500 BTU/hr. Inlet: 3/4 inch (19 mm) NPT. Outlet: 1 in (25 mm) NPT.
			4. Exhaust Size: 12 in (305 mm).

\*\* NOTE TO SPECIFIER \*\* Delete all but one of the following electrical requirements.

* + - 1. Electrical Requirements: 200-240/50-60/3phase.
			2. Electrical Requirements: 440-480/50-60/3phase.

\*\* NOTE TO SPECIFIER \*\* Drying cabinets are specifically geared to the fire industry drying requirements. Delete article below if automatic drying cabinets not required.

* 1. AUTOMATIC DRYING CABINETS
		1. Personal Protection Equipment (PPE) Drying Cabinets Model No. UTGC: Automatic drying cabinet for processing water-washed personal protection equipment.
			1. Design Requirements:
				1. Dry Capacity: 6 full sets of PPE and 15 boot / glove holders.
				2. Cabinet Volume: 69 cu ft (1953862 cu cm) minimum.
				3. Construction: Heavy duty embossed steel with baked enamel powder paint.
				4. Input Voltage: 240/60/3.
				5. Heat Source: Electric, 12 kW.
				6. Overall Width: 61-1/8 inches (1550 mm) nominal.
				7. Overall Height: 80-3/8 inches (2041 mm) nominal.
				8. Overall Depth: 32-5/8 inches (828 mm) nominal.
				9. Exhaust Size: 6 inch (153 mm).
				10. Control System: Programmable touchpad control.
				11. Door: Painted steel, double doors with heavy duty 180 degree opening hinges.
				12. Leveling: 4 adjustable leveling legs.
			2. Performance Requirements:
				1. Airflow: 300 CFM (5.5 CMM).
				2. Motor Horsepower: 2 x 1/8 hp.
				3. Control System: Minimum of five programmable drying cycles. Ability to time dry up to 555 minutes. Ability to cool from 2 minutes to 60 minutes. Variable temperature settings from 100 - 150 degrees F (38 - 65 degrees C).
				4. Boot / Glove Holders: 15.

\*\* NOTE TO SPECIFIER \*\* Delete voltages not required.

* + - 1. Voltage: 208v/60hz/1 phase.
			2. Voltage: 208v/60hz/3 phase.
			3. Voltage: 240v/60hz/1 phase.
			4. Voltage: 240v/60hz/3 phase.
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
	2. PREPARATION
		1. Clean surfaces thoroughly prior to installation.
		2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
	3. INSTALLATION
		1. Install in accordance with manufacturer's instructions.
		2. System Startup and Commissioning: Arrange for a local manufacturer's representative to inspect machines prior to startup and operation.
	4. PROTECTION
		1. Protect installed products until completion of project.
		2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION