SECTION 11 23 00

COMMERCIAL LAUNDRY EQUIPMENT

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\*\* NOTE TO SPECIFIER \*\* Speed Queen/Alliance Laundry Systems heavy-duty industrial laundry equipment.  
This section is based on the products of Speed Queen/Alliance Laundry Systems, which is located at:  
Shepard St.  
P. O. Box 990  
Ripon, WI 54971-0990  
Toll Free: 345-5649  
Tel: 920-748-3121  
Fax: 920-748-4590  
E-mail: [leads@alliancels.com](mailto:leads@alliancels.com)   
Web: https://speedqueencommercial.com/en-us/  
[Click Here] for additional information.  
We are much more than a manufacturer.  
From advanced controls to cloud-based management platforms, Speed Queen technology makes the business of laundry more efficient, accessible, and profitable. And it is all designed for a seamless user experience.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Hardmount washer extractors.
    2. Softmount washer extractors.
    3. Stacked washer-extractor / tumbler dryers.
    4. Stack tumble dryers.
    5. Stack washer / dryers.
    6. Front Load Washers:
       1. Rear control front load washers.
       2. Front control front load washers.
    7. Top load washers.
    8. Dryers:
       1. Rear control single dryers.
       2. Front control single dryers.
       3. Single tumbler dryers.
       4. Stack dryers.
  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.
    2. Section 05 50 00 - Metal Fabrications.
    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 - Administrative Requirements.
     2. Product Data: 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.
  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.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Speed Queen, which is located at:P. O. Box 990Ripon, WI 54971-0990Toll Free Tel: 800-345-5649Tel: 920-748-3121Fax: 920-748-4590Email: [request info (franchella.ales@alliancels.com)](https://arcat.com/rfi?action=email&company=Speed%252BQueen&message=RE%253A%2520Spec%2520Question%2520(11110sqa)%253A%2520&coid=35667&spec=11110sqa&rep=&fax=920-748-4590);Web: <https://speedqueencommercial.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 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Our heavy-duty construction provides reliable operation and guarantees your washer-extractor will be in service for years to come. That is why our bearings are protected against moisture with dual triple-lip seals and a stainless sleeve around the trunnion. That is why our large door design makes loading and unloading easy, while our improved door locking mechanism is designed to withstand the rigors of commercial use. Delete article if not required or delete basis of design options not required.

* 1. HARDMOUNT WASHER EXTRACTOR
     1. Basis of Design: SCT020 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: cULus.
        2. Control Option: Quantum.
        3. Capacity: 20 lbs (9 kg).
        4. Overall Dimensions (WxDxH): 26 x 30.9 x 43 inches (660 x 785 x 1092 mm).
        5. Net Weight: 340 lbs (154 kg).
        6. Cylinder Diameter: 21 inches (533 mm).
        7. Cylinder Depth: 13.8 inches (351 mm).
        8. Cylinder Volume: 2.8 cu ft (79 L).
        9. Door Opening Size: 11.6 inches (295 mm).
        10. Door Bottom to Floor: 14.4 inches (366 mm).
        11. Water Inlet Connection: Two, 0.75 inches (19 mm).
        12. Drain Diameter: 3 inches (76 mm).
        13. Drain Height to Floor: 3.9 inches (99 mm).
        14. Motor Power Consumption: 1.00 hp (.75 kW).
        15. Total Number of Speeds: 9.
        16. Cylinder Speeds: RPM - G-Force.
            1. Gentle: 37 rpm - 0.4 G-Force.
            2. Wash: 51 rpm - 0.8 G-Force.
            3. Distribution: 92 rpm - 2.5 G-Force.
            4. Very Low: 301 rpm - 27 G-Force.
            5. Low: 518 rpm - 80 G-Force.
            6. Medium: 579 rpm - 100 G-Force.
            7. High: 648 rpm - 125 G-Force.
            8. Very High: 710 rpm - 150 G-Force.
            9. Ultra High: 819 rpm - 200 G-Force.
        17. Voltage Wires - Circuit Breaker:
            1. B: 120/60/1 - 15-9.
            2. X: 200-240/50-60/1/3 - 15-4 (1 Ph).
            3. X: 200-240/50-60/1/3 - 15-3 (3 Ph).
            4. N: 440-480/50-60/3 - 15-2.
     2. Basis of Design: SCT030 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: cULus.
        2. Control Option: Quantum.
        3. Capacity: 30 lbs (13.6 kg).
        4. Overall Dimensions (WxDxH): 29 x 35.3 x 45 inches (737 x 897 x 1143 mm).
        5. Net Weight: 440 lbs (200 kg).
        6. Cylinder Diameter: 24 inches (610 mm).
        7. Cylinder Depth: 16 inches (406 mm).
        8. Cylinder Volume: 4.2 cu ft (119 L).
        9. Door Opening Size: 14.3 inches (295 mm).
        10. Door Bottom to Floor: 14 inches (356 mm).
        11. Water Inlet Connection: Two, 0.75 inches (19 mm).
        12. Drain Diameter: 3 inches (76 mm).
        13. Drain Height to Floor: 4.3 inches (117 mm).
        14. Motor Power Consumption: 1.00 hp (.75 kW).
        15. Total Number of Speeds: 9.
        16. Cylinder Speeds: RPM - G-Force.
            1. Gentle: 34 rpm - 0.4 G-Force.
            2. Wash: 48 rpm - 0.8 G-Force.
            3. Distribution: 86 rpm - 2.5 G-Force.
            4. Very Low: 282 rpm - 27 G-Force.
            5. Low: 485 rpm - 80 G-Force.
            6. Medium: 542 rpm - 100 G-Force.
            7. High: 606 rpm - 125 G-Force.
            8. Very High: 664 rpm - 150 G-Force.
            9. Ultra High: 756 rpm - 200 G-Force.
        17. Voltage Wires - Circuit Breaker:
            1. B: 120/60/1 - 15-12.
            2. X: 200-240/50-60/1/3 - 15-7 (1 Ph).
            3. X: 200-240/50-60/1/3 - 15-4 (3 Ph).
            4. N: 440-480/50-60/3 - 15-3.
     3. Basis of Design: SCT040 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: cULus.
        2. Control Option: Quantum.
        3. Capacity: 40 lbs (18 kg).
        4. Overall Dimensions (WxDxH): 30.6 x 42.3 x 47.2 inches (777 x 1074 x 1199 mm).
        5. Net Weight: 540 lbs (245 kg).
        6. Cylinder Diameter: 26.3 inches (668 mm).
        7. Cylinder Depth: 20.3 inches (516 mm).
        8. Cylinder Volume: 6.3 cu ft (178 L).
        9. Door Opening Size: 16.3 inches (414mm).
        10. Door Bottom to Floor: 14.6 inches (371 mm).
        11. Water Inlet Connection: Two, 0.75 inches (19 mm).
        12. Drain Diameter: 3 inches (76 mm).
        13. Drain Height to Floor: 4.5 inches (114 mm).
        14. Motor Power Consumption: 2.00 hp (1.5 kW).
        15. Total Number of Speeds: 9.
        16. Cylinder Speeds: RPM - G-Force.
            1. Gentle: 33 rpm - 0.4 G-Force.
            2. Wash: 46 rpm - 0.8 G-Force.
            3. Distribution: 82 rpm - 2.5 G-Force.
            4. Very Low: 269 rpm - 27 G-Force.
            5. Low: 464 rpm - 80 G-Force.
            6. Medium: 518 rpm - 100 G-Force.
            7. High: 579 rpm - 125 G-Force.
            8. Very High: 635 rpm - 150 G-Force.
            9. Ultra High: 733 rpm - 200 G-Force.
        17. Voltage Wires - Circuit Breaker:
            1. B: 120/60/1 - 20-15.
            2. X: 200-240/50-60/1/3 - 15-7 (1 Ph).
            3. X: 200-240/50-60/1/3 - 15-4 (3 Ph).
            4. N: 440-480/50-60/3 - 15-3.
     4. Basis of Design: SCT060 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: cULus.
        2. Control Option: Quantum.
        3. Capacity: 60 lbs (27 kg).
        4. Overall Dimensions (WxDxH): 34.1 x 44.7 x 49.9 inches (866 x 1135 x 1267 mm).
        5. Net Weight: 680 lbs (308 kg).
        6. Cylinder Diameter: 30 inches (762 mm).
        7. Cylinder Depth: 22 inches (559 mm).
        8. Cylinder Volume: 9.0 cu ft (255 L).
        9. Door Opening Size: 16.3 inches (414mm).
        10. Door Bottom to Floor: 14.9 inches (378 mm).
        11. Water Inlet Connection: Two, 0.75 inches (19 mm).
        12. Drain Diameter: 3 inches (76 mm).
        13. Drain Height to Floor: 4.9 inches (124 mm).
        14. Motor Power Consumption: 3.00 hp (2.2 kW).
        15. Total Number of Speeds: 9.
        16. Cylinder Speeds: RPM - G-Force.
            1. Gentle: 31 rpm - 0.4 G-Force.
            2. Wash: 43 rpm - 0.8 G-Force.
            3. Distribution: 77 rpm - 2.5 G-Force.
            4. Very Low: 252 rpm - 27 G-Force.
            5. Low: 434 rpm - 80 G-Force.
            6. Medium: 485rpm - 100 G-Force.
            7. High: 542 rpm - 125 G-Force.
            8. Very High: 594 rpm - 150 G-Force.
            9. Ultra High: 686 rpm - 200 G-Force.
        17. Voltage Wires - Circuit Breaker:
            1. X: 200-240/50-60/1/3 - 15-11 (1 Ph).
            2. X: 200-240/50-60/1/3 - 15-7 (3 Ph).
            3. N: 440-480/50-60/3 - 15-4.
     5. Basis of Design: SCT080 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: cULus.
        2. Control Option: Quantum.
        3. Capacity: 80 lbs (36 kg).
        4. Overall Dimensions (WxDxH): 41.5 x 47.1 x 57.2 inches (1054 x 1196 x 1453 mm).
        5. Net Weight: 1250 lbs (567 kg).
        6. Cylinder Diameter: 36 inches (916 mm).
        7. Cylinder Depth: 21.9 inches (556 mm).
        8. Cylinder Volume: 12.9 cu ft (365 L).
        9. Door Opening Size: 18.5 inches (470 mm).
        10. Door Bottom to Floor: 17.9 inches (455 mm).
        11. Water Inlet Connection: Two, 0.75 inches (19 mm).
        12. Drain Diameter: 3 inches (76 mm).
        13. Drain Height to Floor: 5.1 inches (130 mm).
        14. Motor Power Consumption: 5.00 hp (3.7 kW).
        15. Total Number of Speeds: 9.
        16. Cylinder Speeds: RPM - G-Force.
            1. Gentle: 28 rpm - 0.4 G-Force.
            2. Wash: 39 rpm - 0.8 G-Force.
            3. Distribution: 70 rpm - 2.5 G-Force.
            4. Very Low: 230 rpm - 27 G-Force.
            5. Low: 396 rpm - 80 G-Force.
            6. Medium: 443 rpm - 100 G-Force.
            7. High: 495 rpm - 125 G-Force.
            8. Very High: 542 rpm - 150 G-Force.
            9. Ultra High: 626 rpm - 200 G-Force.
        17. Voltage Wires - Circuit Breaker:
            1. X: 200-240/50-60/1/3 - 20-15 (1 Ph).
            2. X: 200-240/50-60/1/3 - 15-9 (3 Ph).
            3. N: 440-480/50-60/3 - 15-6.
     6. Basis of Design: SCT100 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: cULus.
        2. Control Option: Quantum.
        3. Capacity: 100 lbs (45 kg).
        4. Overall Dimensions (WxDxH): 41.5 x 51.1 x 57.2 inches (1054 x 1298 x 1453 mm).
        5. Net Weight: 1280 lbs (581kg).
        6. Cylinder Diameter: 36 inches (916 mm).
        7. Cylinder Depth: 25.9 inches (658 mm).
        8. Cylinder Volume: 15.2 cu ft (430 L).
        9. Door Opening Size: 18.5 inches (470 mm).
        10. Door Bottom to Floor: 17.9 inches (455 mm).
        11. Water Inlet Connection: Two, 0.75 inches (19 mm).
        12. Drain Diameter: 3 inches (76 mm).
        13. Drain Height to Floor: 5.1 inches (130 mm).
        14. Motor Power Consumption: 5.00 hp (3.7 kW).
        15. Total Number of Speeds: 9.
        16. Cylinder Speeds: RPM - G-Force.
            1. Gentle: 28 rpm - 0.4 G-Force.
            2. Wash: 39 rpm - 0.8 G-Force.
            3. Distribution: 70 rpm - 2.5 G-Force.
            4. Very Low: 230 rpm - 27 G-Force.
            5. Low: 396 rpm - 80 G-Force.
            6. Medium: 443 rpm - 100 G-Force.
            7. High: 495 rpm - 125 G-Force.
            8. Very High: 542 rpm - 150 G-Force.
            9. Ultra High: 626 rpm - 200 G-Force.
        17. Voltage Wires - Circuit Breaker:
            1. X: 200-240/50-60/1/3 - 20-16 (1 Ph).
            2. X: 200-240/50-60/1/3 - 15-10 (3 Ph).
            3. N: 440-480/50-60/3 - 15-6.

\*\* NOTE TO SPECIFIER \*\* The powerful operation of a washer-extractor often required that the machine be bolted to the floor. Softmount washer-extractors offer an alternative for specialized applications, such as second floors, where hardmount units are not an option. The heavy duty suspension absorbs vibrations without the need for special foundations. The inverter drive system delivers low energy use, high extraction speed, lower noise, and fewer imbalances. Softmount washer-extractors offer an attractive, sleek, modern design with a slanted control panel for ease of operation. Delete article if not required or delete basis of design options not required.

* 1. SOFTMOUNT WASHER EXTRACTOR
     1. Basis of Design: SYN020 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: QED Select.
        3. Capacity: 20 lbs (9 kg).
        4. Overall Dimensions (WxDxH): 27.95 x 31.1 x 43.89 inches (710 x 790 x 1115 mm).
        5. Net Weight: 408 lbs (185 kg).
        6. Cylinder Diameter: 20.87inches (530 mm).
        7. Cylinder Depth: 13.78 inches (350 mm).
        8. Cylinder Volume: 2.6 cu ft (75 L).
        9. Door Opening Size: 13 inches (330 mm).
        10. Door Bottom to Floor: 13.74 inches (349 mm).
        11. Wash Speed: 49 rpm.
        12. Extractor Speed: 1165 rpm.
        13. Extract G-Force: 400.
        14. Water Inlet Connection: Two, 0.75 inches (19 mm).
        15. Steam Inlet Connection: 0.5 inches (13 mm).
        16. Drain Diameter: 3 inches (76 mm).
        17. Motor Power Consumption: 1.00 hp (.75 kW).
        18. Voltage Wires - Circuit Breaker: Operates on 1 or 3 phase systems as 1 phase.
            1. Single Phase: 200-240/50/60/1/3 - 10-6.7.
            2. Three Phase: 200-240/50/60/1/3 - 10-6.7.
     2. Basis of Design: SYN025 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: QED Select.
        3. Capacity: 25 lbs (11 kg).
        4. Overall Dimensions (WxDxH): 31.29 x 31.29 x 48.22 inches (795 x 795 x 1225 mm).
        5. Net Weight: 463 lbs (210 kg).
        6. Cylinder Diameter: 24.4 inches (620 mm).
        7. Cylinder Depth: 13.78 inches (350 mm).
        8. Cylinder Volume: 3.7 cu ft (105 L).
        9. Door Opening Size: 16.14 inches (410 mm).
        10. Door Bottom to Floor: 13.36 inches (342 mm).
        11. Wash Speed: 49 rpm.
        12. Extractor Speed: 1075 rpm.
        13. Extract G-Force: 400.
        14. Water Inlet Connection: Two, 0.75 inches (19 mm).
        15. Steam Inlet Connection: 0.5 inches (13 mm).
        16. Drain Diameter: 3 inches (76 mm).
        17. Motor Power Consumption: 1.48 hp (1.1 kW).
        18. Voltage Wires - Circuit Breaker: Operates on 1 or 3 phase systems as 1 phase.
            1. Single Phase: 200-240/50/60/1/3 - 15-9.8.
            2. Three Phase: 200-240/50/60/1/3 - 15-9.8.
     3. Basis of Design: SYN030 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: QED Select.
        3. Capacity: 30 lbs (14 kg).
        4. Overall Dimensions (WxDxH): 31.29 x 37.2 x 48.22 inches (795 x 945 x 1225 mm).
        5. Net Weight: 563 lbs (255 kg).
        6. Cylinder Diameter: 24.4 inches (620 mm).
        7. Cylinder Depth: 17.72 inches (450 mm).
        8. Cylinder Volume: 4.8 cu ft (135 L).
        9. Door Opening Size: 16.14 inches (410 mm).
        10. Door Bottom to Floor: 13.46 inches (342 mm).
        11. Wash Speed: 49 rpm.
        12. Extractor Speed: 1075 rpm.
        13. Extract G-Force: 400.
        14. Water Inlet Connection: Two, 0.75 inches (19 mm).
        15. Steam Inlet Connection: 0.5 inches (13 mm).
        16. Drain Diameter: 3 inches (76 mm).
        17. Motor Power Consumption: 2.01 hp (1.5 kW).
        18. Voltage Wires - Circuit Breaker: Operates on 1 or 3 phase systems as 1 phase.
            1. Single Phase: 200-240/50/60/1/3 - 15-10.
            2. Three Phase: 200-240/50/60/1/3 - 15-10.
     4. Basis of Design: SYN040 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: QED Select.
        3. Capacity: 40 lbs (18 kg).
        4. Overall Dimensions (WxDxH): 38.18 x 38.18 x 55.51 inches (970 x 970 x 1410 mm).
        5. Net Weight: 838 lbs (380 kg).
        6. Cylinder Diameter: 29.53 inches (750 mm).
        7. Cylinder Depth: 16.14 inches (410 mm).
        8. Cylinder Volume: 6.4 cu ft (180 L).
        9. Door Opening Size: 18.11 inches (460 mm).
        10. Door Bottom to Floor: 18.77 inches (477 mm).
        11. Wash Speed: 42 rpm.
        12. Extractor Speed: 980 rpm.
        13. Extract G-Force: 400.
        14. Water Inlet Connection: Two, 0.75 inches (19 mm).
        15. Steam Inlet Connection: 0.5 inches (13 mm).
        16. Drain Diameter: 3 inches (76 mm).
        17. Motor Power Consumption: 2.95 hp (2.2 kW).
        18. Voltage Wires - Circuit Breaker: Operates on 1 or 3 phase systems as 1 phase.
            1. Single Phase: 200-240/50/60/1/3 - 15-14.2.
            2. Three Phase: 200-240/50/60/1/3 - 15-14.2.
     5. Basis of Design: SYN055 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: QED Select.
        3. Capacity: 55 lbs (24 kg).
        4. Overall Dimensions (WxDxH): 38.18 x 43.5 x 55.51 inches (970 x 1105 x 1410 mm).
        5. Net Weight: 948 lbs (430 kg).
        6. Cylinder Diameter: 29.53 inches (750 mm).
        7. Cylinder Depth: 21.46 inches (545 mm).
        8. Cylinder Volume: 8.5 cu ft (240 L).
        9. Door Opening Size: 18.11 inches (460 mm).
        10. Door Bottom to Floor: 18.77 inches (477 mm).
        11. Wash Speed: 42 rpm.
        12. Extractor Speed: 980 rpm.
        13. Extract G-Force: 400.
        14. Water Inlet Connection: Two, 0.75 inches (19 mm).
        15. Steam Inlet Connection: 0.5 inches (13 mm).
        16. Drain Diameter: 3 inches (76 mm).
        17. Motor Power Consumption: 4.02 hp (3.00 kW).
        18. Voltage Wires - Circuit Breaker: Operates on 1 or 3 phase systems as 1 phase.
            1. Single Phase: 200-240/50/60/1/3 - 20-15.
            2. Three Phase: 200-240/50/60/1/3 - 20-15.
            3. Single Phase: 440-480/50/60/3 - 10-7.1.
     6. Basis of Design: SYN070 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: QED Select.
        3. Capacity: 70 lbs (28 kg).
        4. Overall Dimensions (WxDxH): 38.18 x 46.65 x 55.51 inches (970 x 1185 x 1410 mm).
        5. Net Weight: 1092 lbs (495 kg).
        6. Cylinder Diameter: 29.53 inches (750 mm).
        7. Cylinder Depth: 24.41 inches (620 mm).
        8. Cylinder Volume: 9.9 cu ft (280 L).
        9. Door Opening Size: 18.11 inches (460 mm).
        10. Door Bottom to Floor: 18.77 inches (477 mm).
        11. Wash Speed: 42 rpm.
        12. Extractor Speed: 915 rpm.
        13. Extract G-Force: 350.
        14. Water Inlet Connection: Two, 0.75 inches (19 mm).
        15. Steam Inlet Connection: 0.5 inches (13 mm).
        16. Drain Diameter: 3 inches (76 mm).
        17. Motor Power Consumption: 4.02 hp (3.00 kW).
        18. Voltage Wires - Circuit Breaker: Operates on 1 or 3 phase systems as 1 phase.
            1. Single Phase: 200-240/50/60/1/3 - 20-16.
            2. Three Phase: 200-240/50/60/1/3 - 20-16.
            3. Single Phase: 440-480/50/60/3 - 10-7.2.
     7. Basis of Design: SYN090 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: QED Select.
        3. Capacity: 90 lbs (40 kg).
        4. Overall Dimensions (WxDxH): 47.04 x 56.3 x 75 inches (1195 x 1430 x 1905 mm).
        5. Net Weight: 3439 lbs (1560 kg).
        6. Cylinder Diameter: 36 inches (914 mm).
        7. Cylinder Depth: 24 inches (610 mm).
        8. Cylinder Volume: 14.1 cu ft (400 L).
        9. Door Opening Size: 21.3 inches (540 mm).
        10. Door Bottom to Floor: 28.74 inches (730 mm).
        11. Wash Speed: 38rpm.
        12. Extractor Speed: 830 rpm.
        13. Extract G-Force: 350.
        14. Water Inlet Connection: Three, 1 inch (25 mm).
        15. Steam Inlet Connection: 0.75 inches (19 mm).
        16. Drain Diameter: Two, 3 inches (76 mm).
        17. Motor Power Consumption: 10.06 hp (7.50 kW).
        18. Voltage Wires - Circuit Breaker:
            1. No Heat: 200-240/50/60/1/3 - 40-25.4.
            2. Heat: 200-240/50/60/1/3 - 120-105.
            3. No Heat: 440-480/50/60/3 - 20-14.6.
            4. Heat: 440-480/50/60/3 - 63-58.
     8. Basis of Design: SYN125 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: QED Select.
        3. Capacity: 125 lbs (55 kg).
        4. Overall Dimensions (WxDxH): 47.04 x 63.39 x 75 inches (1195 x 1610 x 1905 mm).
        5. Net Weight: 3594 lbs (1630 kg).
        6. Cylinder Diameter: 36 inches (914 mm).
        7. Cylinder Depth: 31.1 inches (790 mm).
        8. Cylinder Volume: 18.3 cu ft (518 L).
        9. Door Opening Size: 21.3 inches (540 mm).
        10. Door Bottom to Floor: 28.74 inches (730 mm).
        11. Wash Speed: 38 rpm.
        12. Extractor Speed: 830 rpm.
        13. Extract G-Force: 350.
        14. Water Inlet Connection: Three, 1 inch (25 mm).
        15. Steam Inlet Connection: 0.75 inches (19 mm).
        16. Drain Diameter: Two, 3 inches (76 mm).
        17. Motor Power Consumption: 10.06 hp (7.50 kW).
        18. Voltage Wires - Circuit Breaker:
            1. No Heat: 200-240/50/60/1/3 - 40-28.
            2. Heat: 200-240/50/60/1/3 - 160-147
            3. No Heat: 440-480/50/60/3 - 20-16.
            4. Heat: 440-480/50/60/3 - 100-79.
     9. Basis of Design: SYN180 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: QED Select.
        3. Capacity: 180 lbs (80 kg).
        4. Overall Dimensions:
           1. Without Tilt (WxDxH): 58.88 x 76.38 x 78.13 inches (1495 x 1940 x 1985 mm).
           2. With Tilt (WxDxH): 61.63 x 93.69 x 97.5 inches (1565 x 2380 x 2476 mm).
        5. Net Weight:
           1. Without Tilt: 5820 lbs (2640 kg).
           2. With Tilt: 5692 lbs (2990 kg).
        6. Cylinder Diameter: 43.69 inches (1110 mm).
        7. Cylinder Depth: 33 inches (838 mm).
        8. Cylinder Volume: 28.5 cu ft (807 L).
        9. Door Opening Size: 20.88 inches (530 mm).
        10. Door Bottom to Floor: 40.13 inches (1095 mm).
        11. Wash Speed: 36 rpm.
        12. Extractor Speed: 750 rpm.
        13. Extract G-Force: 350.
        14. Water Inlet Connection: Three, 1 inch (25 mm).
        15. Steam Inlet Connection: 1 inch (25 mm).
        16. Drain Diameter: Two, 4 inches (103 mm).
        17. Motor Power Consumption: 14.75 hp (11 kW).
        18. Voltage/Hz/Phase Circuit: 208-240V/50-60Hz/3ph.
        19. Voltage/Hz/Phase Circuit: 400-480V/50/60Hz/3ph.
     10. Basis of Design: SYN230 as manufactured by Speed Queen/Alliance Laundry Systems.
         1. Agency Approvals: CSA.
         2. Control Option: QED Select.
         3. Capacity: 230 lbs (100 kg).
         4. Overall Dimensions:
            1. Without Tilt (WxDxH): 70.5 x 78.94 x 81.13 inches (1790 x 2005 x 2060 mm).
            2. With Tilt (WxDxH): 72.88 x 99.75 x 101.38 inches (1855 x 2534 x 2575 mm).
         5. Net Weight:
            1. Without Tilt: 6989 lbs (3170 kg).
            2. With Tilt: 7760 lbs (3520 kg).
         6. Cylinder Diameter: 47.25 inches (1200 mm).
         7. Cylinder Depth: 33.88 inches (860 mm).
         8. Cylinder Volume: 34.3 cu ft (972 L).
         9. Door Opening Size: 20.88 inches (530 mm).
         10. Door Bottom to Floor: 40.13 inches (1095 mm).
         11. Wash Speed: 33 rpm.
         12. Extractor Speed: 720 rpm.
         13. Extract G-Force: 350.
         14. Water Inlet Connection: Three, 1.5 inches (38 mm).
         15. Steam Inlet Connection: 1 inch (25 mm).
         16. Drain Diameter: Two, 4 inches (103 mm).
         17. Motor Power Consumption: 20.12 hp (15 kW).
         18. Voltage/Hz/Phase Circuit: 208-240V/50-60Hz/3ph.
         19. Voltage/Hz/Phase Circuit: 400-480V/50/60Hz/3ph.
     11. Basis of Design: SYN275 as manufactured by Speed Queen/Alliance Laundry Systems.
         1. Agency Approvals: CSA.
         2. Control Option: QED Select.
         3. Capacity: 275 lbs (120 kg).
         4. Overall Dimensions:
            1. Without Tilt (WxDxH): 73 x 82.13 x 82.13 inches (1855 x 2085 x 2085 mm).
            2. With Tilt (WxDxH): 74.56 x 100.5 x 103.5 inches (1895 x 2553 x 2628 mm).
         5. Net Weight:
            1. Without Tilt: 7672 lbs (3480 kg).
            2. With Tilt: 8466 lbs (3840 kg).
         6. Cylinder Diameter: 51.19 inches (1300 mm).
         7. Cylinder Depth: 34.25 inches (870 mm).
         8. Cylinder Volume: 40.8 cu ft (1154 L).
         9. Door Opening Size: 25.63 inches (650 mm).
         10. Door Bottom to Floor: 42.5 inches (1080 mm).
         11. Wash Speed: 32 rpm.
         12. Extractor Speed: 6995 rpm.
         13. Extract G-Force: 350.
         14. Water Inlet Connection: Three, 1.5 inches (38 mm).
         15. Steam Inlet Connection: 1 inch (25 mm).
         16. Drain Diameter: Two, 4 inches (103 mm).
         17. Motor Power Consumption: 24.81 hp (18.50 kW).
         18. Voltage/Hz/Phase Circuit: 208-240V/50-60Hz/3ph.
         19. Voltage/Hz/Phase Circuit: 400-480V/50/60Hz/3ph.

\*\* NOTE TO SPECIFIER \*\* Speed Queen's stacked washer-extractor/tumble dryer is a unique product that truly delivers increased productivity. Ideal for small OPL settings with limited space. Increases wash capacity. Improves throughput. Minimal front fasteners give quick access to. Key washer-extractor components to improve serviceability. Supports a higher volume than typical retail and light commercial products can support. More than double production with higher capacity and faster wash times.   
Reliability and durability that drastically outperforms retail or light commercial options.  
 Delete article if not required or delete basis of design option not required.

* 1. STACKED WASHER-EXTRACTOR/TUMBLE DRYERS
     1. Basis of Design: SST30 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: Electric: UL and CSA.
        2. Control Option: Quantum Standard.
        3. Capacity: 30 lbs (13 kg) each.
        4. Cylinder Volume: Washer-Extractor: 4.2 cu ft (119 L). Tumble Dryer: 10.6 cu ft (300 L).
        5. Overall Dimensions (WxDxH): 31.4 x 45.5 x 79.7 inches (797 x 1152 x 2023 mm).
        6. Net Weight: Electric: 770 lbs (349 kg).
        7. Cylinder Diameter: Washer-Extractor: 24.0 inches (610 mm). Tumble Dryer: 30.0 inches (762 mm).
        8. Cylinder Depth: Washer-Extractor: 16.0 inch (406 mm). Tumble Dryer: 26.0 inches (660 mm).
        9. Reversing Dryer Cylinder.
        10. Door Opening: Washer-Extractor: 14.3 inches (36563 mm). Tumble Dryer: 22.6 inches (574 mm).
        11. Water Inlet Connection: Two, 0.75 inches (19 mm), washer extractor.
        12. Drain Diameter: One, 3 inch (76 mm), washer-extractor.
        13. Drain Height to Floor: 4.3 inches (108 mm), washer-extractor.
        14. Heat Input Power: 73,000 Btu/hr (21.4 kW, 77.0 Mj/hr.).
        15. Gas Inlet Connection: 1/2 inch NPT, tumble dryer.
        16. Exhaust Outlet Diameter: 8 inches (200 mm) elliptical, tumble dryer.
        17. Airflow: 400 cfm (190 L per sec), tumble dryer.
        18. Motor Power Requirements:
            1. Washer-Extractor Drive: 1 hp (0.75 kw).
            2. Tumble Dryer: Fan: 0.5 hp (0.4 kW). Drive: 0.3 hp (0.2 kW).
        19. Total Speed Settings, Tumble Dryer: 6.
        20. Cylinder Speeds and G-Force:
            1. Gentle: 34 RPM - 0.4 G-Force.
            2. Wash: 48 RPM - 0.8 G-Force.
            3. Distribution: 86 RPM - 2.5 G-Force.
            4. Very Low: 282 RPM - 27 G-Force.
            5. Low: 485 RPM - 80 G-Force.
            6. Medium: 542 RPM - 100 G-Force.
        21. Electrical Requirements: Washer-Extractor.
            1. Gas - B: 100-120V/50-60/1: 15 Amps.
            2. Gas - X: 200-240V/50-60/1/3: 15 Amps.
            3. Electric - D: 200-208V/50-60/1: 15 Amps.
            4. Electric - E: 230-240V/50-60/1: 15 Amps.
            5. Electric - F: 200-208V/50-60/3: 15 Amps.
            6. Electric - G: 230-240V/50-60/3: 15 Amps.
        22. Electrical Requirements: Tumble Dryer.
            1. Gas - B: 100-120V/50-60/1: 15 Amps.
            2. Gas - X: 200-240V/50-60/1/3: 10 Amps.
            3. Electric - D: 200-208V/50-60/1: 60 Amps.
            4. Electric - E: 230-240V/50-60/1: 50 Amps.
            5. Electric - F: 200-208V/50-60/3: 80 Amps.
            6. Electric - G: 230-240V/50-60/3: 70 Amps.
     2. Basis of Design: SST50 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: Electric: UL and CSA.
        2. Control Option: Quantum Standard.
        3. Capacity: 50 lbs (23 kg) each.
        4. Cylinder Volume: Washer-Extractor: 6.3 cu ft (178 L). Tumble Dryer: 14.8 cu ft (419 L).
        5. Overall Dimensions (WxDxH): 34.4 x 51.3 x 84.3 inches (875 x 1302 x 2141 mm).
        6. Net Weight: Electric: 910 lbs (413 kg).
        7. Cylinder Diameter: Washer-Extractor: 26.3 inches (668 mm). Tumble Dryer: 33.0 inches (838 mm).
        8. Cylinder Depth: Washer-Extractor: 20.3 inch (515 mm). Tumble Dryer: 30.0 inches (762 mm).
        9. Reversing Dryer Cylinder.
        10. Door Opening: Washer-Extractor: 16.3 inches (414 mm). Tumbler Dryer: 26.9 inches (683 mm).
        11. Water Inlet Connection: Two, 0.75 inches (19 mm), washer-extractor.
        12. Drain Diameter: One, 3 inch (76 mm), washer-extractor.
        13. Drain Height to Floor: 4.5 inches (115 mm), washer-extractor.
        14. Heat Input Power: 95,000 Btu/hr (27.8 kW, 100 Mj/hr.), tumble dryer.
        15. Gas Inlet Connection: 1/2 inch NPT, tumble dryer.
        16. Exhaust Outlet Diameter: 10 inches (250 mm) elliptical, tumble dryer.
        17. Airflow: 600 cfm (285 L per sec), tumble dryer.
        18. Motor Power Requirements:
            1. Washer-Extractor Drive: 2 hp (1.5 kw).
            2. Tumble Dryer: Fan: 0.5 hp (0.4 kW). Drive: 0.5 hp (0.4 kW).
        19. Total Speed Settings, Tumble Dryer: 6.
        20. Cylinder Speeds and G-Force:
            1. Gentle: 33 RPM - 0.4 G-Force.
            2. Wash: 46 RPM - 0.8 G-Force.
            3. Distribution: 82 RPM - 2.5 G-Force.
            4. Very Low: 269 RPM - 27 G-Force.
            5. Low: 464 RPM - 80 G-Force.
            6. Medium: 518 RPM - 100 G-Force.
        21. Electrical Requirements: Washer-Extractor.
            1. Gas - X: 200-240V/50-60/1/3: 15 Amps.
        22. Electrical Requirements: Tumble Dryer.
            1. Gas - X: 200-240V/50-60/1/3: 10 Amps.

\*\* NOTE TO SPECIFIER \*\* Our line of stack tumble dryers provides double the capacity of Speed Queen® single pocket tumble dryers while using only half the floor space. Plus, our patented oval cylinder perforations solve a common, highly damaging problem, by allowing stray screws to pass through without doing large amounts of damage to the dryer's sweep sheets. Delete article if not required or delete basis of design option not required.

* 1. STACK TUMBLE DRYERS
     1. Basis of Design: STT30 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: Quantum, Dual Digital.
        3. Capacity: 30 lbs (14 kg) each dryer.
        4. Dimensions (WxDxH): 31.5 x 42.8 x 76.3 inches (800 x 1090 x 1940 mm).
        5. Net Weight: Gas: 570 lbs (260 kg). Electric: 660 lbs (300 kg).
        6. Cylinder: Diameter: 30 inches (762 mm). Depth: 26.0 inches (660 mm).
           1. Volume: 10.6 cu ft (300 L).
        7. Reversing Cylinder: Standard.
        8. Door Opening Size: 22.6 inches (574 mm).
        9. Heat Input Power:
           1. Gas Models, Per Pocket: 73,000 Btu/hr each.
           2. Electric Models: 21 kW each.
        10. Gas Connections: 0.5 inch NPT.
        11. Air Outlet: 1 x 8 inches (25 x 200 mm) oval.
        12. Motor: Fan: 0.5 hp each. Cylinder: 0.3 hp each.
        13. Airflow: 400 cfm (??? L per sec) each.
        14. Electrical Requirements:
            1. Gas and Steam - B: 100-120V/50/60/1: 16 Amps.
            2. Gas and Steam - X: 200-240V/50/60/1/3: 9 Amps.
            3. Gas and Steam - N: 440-480V/50/60/3: 6 Amps.
            4. Electric - F: 200-208V/50/60/3: 61 Amps each.
            5. Electric - G: 230-240V/50/60/3: 52 Amps each.
            6. Electric - K: 440V/50/60/3: 29 Amps each.
            7. Electric - L: 460-480V/50/60/3: 27 Amps each.
     2. Basis of Design: STT45 as manufactured by Speed Queen/Alliance Laundry Systems.
        1. Agency Approvals: CSA.
        2. Control Option: Quantum, Dual Digital.
        3. Capacity: 45 lbs (20 kg) each dryer.
        4. Dimensions (WxDxH): 34.5 x 48.6 x 81.3 inches (875 x 1235 x 2065 mm).
        5. Net Weight: Gas: 710 lbs (320 kg).
        6. Cylinder: Diameter: 33 inches (838 mm). Depth: 30.0 inches (762 mm).
           1. Volume: 14.8 cu ft (420 L).
        7. Reversing Cylinder: Standard.
        8. Door Opening Size: 26.9 inches (683 mm).
        9. Heat Input Power:
           1. Gas, Per Pocket: 95,000 Btu/hr each.
        10. Gas Connections: 0.5 inch NPT.
        11. Air Outlet: 1 x 10 inches (25 x 250 mm) oval.
        12. Motor: Fan: 0.5 hp each. Cylinder: 0.3 hp each.
        13. Airflow: 600 cfm (283 L per sec) each.
        14. Electrical Requirements:
            1. Gas and Steam - B: 100-120V/50/60/1: 16 Amps.
            2. Gas and Steam - X: 200-240V/50/60/1/3: 9 Amps.
            3. Gas and Steam - N: 440-480V/50/60/3: 6 Amps.
            4. Electric - F: 200-208V/50/60/3: 61 Amps each.
            5. Electric - G: 230-240V/50/60/3: 52 Amps each.
            6. Electric - K: 440V/50/60/3: 29 Amps each.
            7. Electric - L: 460-480V/50/60/3: 27 Amps each.

\*\* NOTE TO SPECIFIER \*\* Our stack washer/dryers are designed as vertical combinations that provide all the power of Speed Queen® washers and dryers while occupying only half of the floor space of a conventional washer and dryer setup. Plus, these stacked units allow you to utilize the same connections and hook-ups required be a standard washer and dryer, so you will not have to make changes to your installation. Delete article if not required or delete basis of design option not required.

* 1. STACKED WASHER / DRYERS
     1. Stacked Washer and Dryers:
        1. Basis of Design: Electric: LTEE5ASP175TW01 Stacked Washer/Dryer as manufactured by Speed Queen/Alliance Laundry Systems.
           1. Available Heating Element: 5350 W at 240 V.
        2. Basis of Design: Gas: LTGE5ASP115TW01 Stacked Washer/Dryer as manufactured by Speed Queen/Alliance Laundry Systems.
           1. Gas Inlet Connection: 3/8 inches (9.5 mm).
           2. Gas Consumption: 22,500 BTU/hr.
        3. Features and Attributes:
           1. Agency Approvals: Electric: cULus. Gas: cCSAus.
           2. Control Option: Electronic Homestyle.
           3. Control Location: Front.
           4. Capacity: Washer: 21.5 lbs (10 kg). Dryer: 18 lbs (8.2 kg).
           5. Cylinder Volume: Washer: 3.42 cu ft (96.8 L). Dryer: 7.0 cu ft (198).
           6. Overall Dimensions (WxDxH): 26.875 x 27.73 x 78.50 inches (683 x 704 x 1994 mm).
           7. Net Weight - lbs (kg) 350 lbs (159 kg).
           8. Spin Speed G-Force - RPM: 440 - 1200 rpm.
           9. Motor Power Consumption:

Washer: 0.9 hp (0.67 kw) variable speed.

Dryer: 0.33 hp (0.25 kw).

* + - * 1. Water Consumption Per Cycle: 13.68 gallon (51.8 L).
        2. IWF (Water Factor): 4.0 (0.53).
        3. IMEF (Modified Energy Factor): 2.20 (62.3).
        4. Exhaust Outlet Diameter: 4 inches (102 mm).
        5. Exhaust Airflow: 220 cfm (105 L per sec).
        6. Available Water Temperatures: 3.
        7. Available Cycles:

Washer: Heavy Duty, Normal Eco, Perm Press, Delicate, Rinse & Spin, Spin Only.

Dryer: Regular, Perm Press, Delicate, Time Dry, Quick Dry, and Fluff Up.

* + - * 1. Water Pressure: 20 to 120 psi (1.4 to 8.3 bar).
        2. Cycle Indicator Lights: Yes.
        3. Cylinder Finish: Washer: Stainless steel. Dryer: Galvanized.
        4. Color: White.
        5. Door Type: Window.
        6. Available Electrical Requirements: Voltage/Hz/Ph - Circuit Amps.

Washer: 120/60/1 - 15.

Electric: 208/240/60/1 -30.

Gas: 120/60/1 - 15.

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

* 1. FRONT LOAD WASHERS

\*\* NOTE TO SPECIFIER \*\* Designed to be everything you never thought a washing machine could be, the revolutionary Speed Queen® front load washers feature an unprecedented number of cutting-edge innovations to help you improve performance and minimize costs. Delete paragraph if not required.

* + 1. Rear Control Front Load Washers:
       1. Basis of Design: Electronic Homestyle, LFNE5RSP115TW01, (EH) as manufactured by Speed Queen/Alliance Laundry Systems.
       2. Basis of Design: Mechanical Homestyle, LFN50RSP115TW01, (MH) as manufactured by Speed Queen/Alliance Laundry Systems.
       3. Features and Attributes:
          1. Agency Approvals: Electric: cULus.
          2. Control Location: Rear.
          3. Capacity: 21.5 lbs (10 kg).
          4. Cylinder Volume: 3.42 cu ft (96.8 L).
          5. Overall Dimensions (WxDxH): 26.875 x 27.73 x 43 inches (683 x 704 x 1092 mm).
          6. Net Weight: Electric: 260 lbs (118 kg).
          7. Spin Speed: 440 G-Force - 1200 RPM.
          8. Motor Power Consumption: 0.9 hp (0.67 kw) variable speed induction.
          9. Water Consumption Per Cycle: 13.68 gal (51.8 L).
          10. IWF (Water Factor): 4.0 (0.53).
          11. IMEF (Modified Energy Factor): 2.20 (62.3).
          12. Available Water Temperatures: 3
          13. Available Cycles: Heavy Duty, Normal Eco, Perm Press, Delicate, Rinse and Spin, and Spin Only.
          14. Water Pressure: 20 to 120 psi (1.4 to 8.3 bar).
          15. Cycle Indicator Lights: Yes..
          16. Cylinder Finish: Stainless steel.
          17. Color: White.
          18. Door Type: Window.
          19. Electrical Requirements: Voltage/Hz/Ph - Circuit Amps: 120/60/1 - 15.

\*\* NOTE TO SPECIFIER \*\* Designed to be everything you never thought a washing machine could be, the revolutionary Speed Queen® front load washers feature an unprecedented number of cutting-edge innovations to help you improve performance and minimize costs. Delete paragraph if not required.

* + 1. Front Control Front Load Washers:
       1. Basis of Design: LFNE5BSP115TW01 as manufactured by Speed Queen/Alliance Laundry Systems.
       2. Basis of Design: LFNE5BJP115TW01 as manufactured by Speed Queen/Alliance Laundry Systems.
       3. Features and Attributes:
          1. Agency Approvals: Electric: cULus.
          2. Control Option: Electronic Homestyle.
          3. Control Location: Front.
          4. Capacity: 21.5 lbs (10 kg).
          5. Cylinder Volume: 3.42 cu ft (96.8 L).
          6. Overall Dimensions (WxDxH): 26.875 x 27.73 x 40.42 inches (683 x 704 x 1027 mm).
          7. Net Weight: Electric: 260 lbs (118 kg).
          8. Spin Speed: 440 G-Force - 1200 RPM.
          9. Motor Power Consumption: 0.9 hp (0.67 kw) variable speed induction.
          10. IWF (Water Factor): 4.0 (0.53).
          11. IMEF (Modified Energy Factor): 2.20 (62.3).
          12. Available Water Temperatures: 3.
          13. Available Cycles: Heavy Duty, Normal Eco, Perm Press, Delicate, Rinse and Spin, and Spin Only.
          14. Water Pressure: 20 to 120 psi (1.4 to 8.3 bar).
          15. Cycle Indicator Lights: Yes.
          16. Cylinder Finish: Stainless steel.
          17. Color: White.
          18. Door Type: Window.
          19. Electrical Requirements: Voltage/Hz/Ph - Circuit Amps: 120/60/1 - 15.

\*\* NOTE TO SPECIFIER \*\* Our top load washers are constructed from heavy-duty components to ensure an extended life in your laundry operation, including a stainless steel washtub, all-metal transmission, and a commercial-grade cabinet finish. Compliant with the current U.S. Department of Energy water and energy standards for commercial washers, your laundry will realize significant savings in water and energy costs. Delete article if not required or delete basis of design options not required.

* 1. TOP LOAD WASHERS
     1. Top Loader Washers:
        1. Basis of Design: LWNE22SP115TW01,Electronic Homestyle (EH) as manufactured by Speed Queen/Alliance Laundry Systems.
        2. Basis of Design: LWN432SP115TW01, Mechanical Homestyle (MH) as manufactured by Speed Queen/Alliance Laundry Systems.
        3. Basis of Design: SWNMN2SP115TW0,1 E-Mech (EM) as manufactured by Speed Queen/Alliance Laundry Systems.
        4. Features and Attributes:
           1. Agency Approvals: Electric: cULus.
           2. Control Location: Rear.
           3. Capacity, Electronic Homestyle (EH): 16 lbs (77.3 kg).
           4. Capacity, Mechanical Homestyle (MH): 16 lbs (77.3 kg).
           5. Capacity, E-Mech (EM): 14 lbs (6.4 kg).
           6. Cylinder Volume, Electronic Homestyle (EH): 3.22 cu ft (91.2 L).
           7. Cylinder Volume, Mechanical Homestyle (MH): 3.22 cu ft (91.2 L).
           8. Cylinder Volume, E-Mech (EM): 3.26 (92.3 kg).
           9. Overall Dimensions (WxDxH):

Electronic Homestyle (EH): 25.63 x 28 x 43 inches (651 x 711 x 1092 mm).

Mechanical Homestyle (MH): 25.63 x 28 x 43 inches (651 x 711 x 1092 mm).

E-Mech (EM): 25.63 x 28 x 41.25 inches (651 x 711 x 1048 mm).

* + - * 1. Net Weight:

Electronic Homestyle (EH): 186 lbs (84 kg).

Mechanical Homestyle (MH): 186 lbs (84 kg).

E-Mech (EM): 206 lbs (93 kg).

* + - * 1. Motor Power Consumption: 0.5 hp (0.37 kw).
        2. Water Consumption Per Cycle:

Electronic Homestyle (EH): 27.9 gal (106 L).

Mechanical Homestyle (MH): 27.9 gal (106 L).

E-Mech (EM): 28.07 gal (106 L).

* + - * 1. IWF (Water Factor): 8.8.
        2. MEF (Modified Energy Factor): 1.35.
        3. Available Water Temperatures: 3.
        4. Available Cycles: Heavy Duty, Normal Eco, Perm Press, Delicate, Rinse and Spin, and Spin Only.
        5. Water Pressure: 20 to 120 psi (1.4 to 8.3 bar).
        6. Cycle Indicator Lights: Yes
        7. Cylinder Finish: Stainless steel.
        8. Color: White.
        9. Electrical Requirements: Voltage/Hz/Ph - Circuit Amps: 120/60/1 - 15.

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

* 1. DRYERS

\*\* NOTE TO SPECIFIER \*\* With an easy-to-clean large lint compartment and a reversible door to accommodate your laundry design, Speed Queen® single dryers are designed to suit your laundry's specific needs. The 2.06 sq. ft. door opening is the largest in the industry, providing easy loading and unloading. Delete paragraph if not required or delete basis of design options not required.

* + 1. Rear Control Single Dryers:
       1. Basis of Design: Electronic Homestyle:
          1. Electric: LDEE7RGS173TW01 as manufactured by Speed Queen/Alliance Laundry Systems.

Available Heating Element (Electric W): 5350 W at 240 V.

* + - * 1. Gas: LDGE7RGS113TW01 as manufactured by Speed Queen/Alliance Laundry Systems.

Gas Inlet Connection: 3/8 inches (9.5 mm).

Gas Consumption: 22,500 BTU/hr.

* + - 1. Basis of Design: Mechanical Homestyle:
         1. Electric: LDE30RGS173TW01 as manufactured by Speed Queen/Alliance Laundry Systems.

Available Heating Element (Electric W): 5350 W at 240 V.

* + - * 1. Gas: LDG30RGS113TW01 as manufactured by Speed Queen/Alliance Laundry Systems.

Gas Inlet Connection: 3/8 inches (9.5 mm).

Gas Consumption: 22,500 BTU/hr.

* + - 1. Basis of Design: E-Mech:
         1. Electric: SDEMNRGS173TW01 as manufactured by Speed Queen/Alliance Laundry Systems.

Available Heating Element (Electric W): 5350 W at 240 V.

* + - * 1. Gas: SDGMNRGS113TW01 as manufactured by Speed Queen/Alliance Laundry Systems.

Gas Inlet Connection: 3/8 inches (9.5 mm).

Gas Consumption: 22,500 BTU/hr.

* + - 1. Features and Attributes:
         1. Agency Approvals: Electric: cULus. Gas: cCSAus.
         2. Control Location: Rear.
         3. Capacity: 18 lbs (8.2 kg).
         4. Cylinder Volume: 7.0 cu ft (198 L).
         5. Overall Dimensions (WxDxH): 26.875 x 28 x 43 inches (683 x 711 x 1092 mm).
         6. Net Weight: Electric: 126 lbs (57 kg). Gas: 130 lbs (59 kg).
         7. Motor Power Consumption: 0.33 hp (0.25 kw).
         8. Exhaust Outlet Diameter: 4 inches (102 mm).
         9. Exhaust Airflow: 220 cfm (105 L per sec).
         10. Available Cycles: Regular, Perm Press, Delicate, Time Dry, Quick Dry, and Fluff Up.
         11. Cycle Indicator Lights: Yes.
         12. Cylinder Finish: Galvanized.
         13. Color: White.
         14. Door Type: Solid.
         15. Available Electrical Requirements: Voltage/Hz/Ph - Circuit Amps.

Electric 120/240/60/1 - 30.

Electric 120/208/60/1 - 30.

Gas 120/60/1 - 15.

\*\* NOTE TO SPECIFIER \*\* With an easy-to-clean large lint compartment and a reversible door to accommodate your laundry design, Speed Queen® single dryers are designed to suit your laundry's specific needs. The 2.06 sq. ft. door opening is the largest in the industry, providing easy loading and unloading. Delete paragraph if not required or delete basis of design option not required

* + 1. Front Control Single Dryers:
       1. Basis of Design: Electric: LDEE5BGS173TW01.
          1. Available Heating Element (Electric W): 5350 W at 240 V.
       2. Basis of Design: Gas: LDGE5BGS113TW01.
          1. Gas Inlet Connection: 3/8 inches (9.5 mm).
          2. Gas Consumption: 22,500 BTU/hr.
       3. Features and Attributes:
          1. Agency Approvals: Electric: cULus. Gas: cCSAus.
          2. Control Option: Electronic Homestyle.
          3. Control Location: Front.
          4. Capacity: 18 lbs (8.2 kg).
          5. Cylinder Volume: 7.0 cu ft (198 L).
          6. Overall Dimensions (WxDxH): 26.875 x 28 x 40.42 inches (683 x 711 x 1027 mm).
          7. Net Weight: Electric: 126 lbs (57 kg). Gas: 130 lbs (59kg).
          8. Motor Power Consumption: 0.33 hp (0.25 kw).
          9. Exhaust Outlet Diameter: 4 inches (102 mm).
          10. Exhaust Airflow: 220 cfm (105 L per sec).
          11. Available Cycles: Regular, Perm Press, Delicate, Time Dry, Quick Dry, and Fluff Up.
          12. Cycle Indicator Lights: Yes.
          13. Cylinder Finish: Galvanized.
          14. Color: White.
          15. Door Type: Solid.
          16. Available Electrical Requirements: Voltage/Hz/Ph - Circuit Amps.

Electric 120/240/60/1 - 30.

Gas 120/60/1 - 15.

\*\* NOTE TO SPECIFIER \*\* Our single pocket tumble dryers are designed with fewer moving parts, so that you will face fewer maintenance problems and less wear and tear. We make it easier with a large, easy-to-clean lint compartment and a heavy-duty door hinge designed to withstand heavy usage. Delete paragraph if not required or delete basis of design options not required.

* + 1. Single Tumble Dryers:
       1. Basis of Design: ST030 as manufactured by Speed Queen/Alliance Laundry Systems.
          1. Agency Approvals: CSA.
          2. Control Option: Quantum, Dual Digital.
          3. Capacity: 30 lbs (14 kg).
          4. Dimensions (WxDxH): 27.9 x 45.5 x 63.9 inches (710 x 1155 x 1625 mm).
          5. Net Weight: Gas: 320 lbs (145 kg). Electric: 330 lbs (150 kg).
          6. Cylinder: Diameter: 26.5 inches (673 mm). Depth: 30.0 inches (762 mm).

Volume: 9.6 cu ft (270 L).

* + - * 1. Reversing Cylinder: Standard.
        2. Door Opening Size: 22.7 inches (577 mm).
        3. Heat Input Power:

Gas Models, Per Pocket: 73,000 Btu/hr.

Electric Models: 21 kW.

* + - * 1. Gas Connections: 0.5 inch NPT.
        2. Air Outlet: 6 inches (152 mm).
        3. Motor: Fan: 0.5 hp. Cylinder: 0.3 hp.
        4. Airflow: 500 cfm (236 L per sec).
        5. Electrical Requirements:

Gas - B: 100-120V/50/60/1: 10 Amps.

Gas - X: 200-240V/50/60/1/3: 6 Amps.

Gas - N: 440-480V/50/60/3: 3 Amps.

Electric - D: 200-208V/50/60/1: 104 Amps.

Electric - E: 230-240V/50/60/1: 90 Amps.

Electric - F: 200-208V/50/60/3: 61 Amps.

Electric - G: 230-240V/50/60/3: 52 Amps.

Electric - K: 440V/50/60/3: 29 Amps.

Electric - L: 460-480V/50/60/3: 27 Amps.

* + - 1. Basis of Design: ST055 as manufactured by Speed Queen/Alliance Laundry Systems.
         1. Agency Approvals: CSA
         2. Control Option: Quantum, Dual Digital.
         3. Capacity: 55 lbs (25 kg).
         4. Dimensions (WxDxH): 34.5 x 53.1 x 66.7 inches (876 x 1350 x 1700 mm).
         5. Net Weight: Gas: 660 lbs (299 kg). Electric: 390 lbs (3130 kg). Steam: 680 lbs (308 kg).
         6. Cylinder: Diameter: 33 inches (838 mm). Depth: 35.0 inches (889 mm).

Volume: 17.3 cu ft (489.9 L).

* + - * 1. Reversing Cylinder: Standard.
        2. Door Opening Size: 26.9 inches (683 mm).
        3. Heat Input Power:

Gas Models, Per Pocket: 112,000 Btu/hr.

Electric Models: 27 kW.

* + - * 1. Gas Connections: 0.5 inch NPT.
        2. Air Outlet: 8 inches (200 mm).
        3. Motor: Fan: 0.5 hp. Cylinder: 0.5 hp.
        4. Airflow: 700 cfm (330 L per sec)
        5. Electrical Requirements:

Gas - B: 100-120V/50/60/1: 12 Amps.

Gas - X: 200-240V/50/60/1/3: 7 Amps.

Gas - N: 440-480V/50/60/3: 3 Amps.

Electric - D: 200-208V/50/60/1: 133 Amps.

Electric - E: 230-240V/50/60/1: 116 Amps.

Electric - F: 200-208V/50/60/3: 78 Amps.

Electric - G: 230-240V/50/60/3: 67 Amps.

Electric - K: 440V/50/60/3: 37 Amps.

Electric - L: 460-480V/50/60/3: 34 Amps.

* + - 1. Basis of Design: ST075 as manufactured by Speed Queen/Alliance Laundry Systems.
         1. Agency Approvals: CSA
         2. Control Option: Quantum, Dual Digital.
         3. Capacity: 75 lbs (34 kg).
         4. Dimensions (WxDxH): 38.5 x 53.0 x 77.3 inches (980 x 1350 x 1960 mm).
         5. Net Weight: Gas: 690 lbs (313 kg). Electric: 710 lbs (322 kg). Steam: 720 lbs (327 kg).
         6. Cylinder: Diameter: 37 inches (940 mm). Depth: 36.0 inches (914 mm).

Volume: 22.4 cu ft (634.3 L).

* + - * 1. Door Opening Size: 26.9 inches (683 mm).
        2. Heat Input Power:

Gas Models, Per Pocket: 165,000 Btu/hr.

Steam Models, Per Pocket: 113,900 Btu/hr.

Electric Models: 36 kW.

* + - * 1. Gas Connections: 0.5 inch NPT.
        2. Steam Plumbing Connections: 0.75 inch NPT
        3. Air Outlet: 8 inches (200 mm).
        4. Motor: Fan: 0.5 hp. Cylinder: 0.5 hp.
        5. Airflow: 800 cfm (377 L per sec)
        6. Electrical Requirements:

Gas and Steam - B: 100-120V/50/60/1: 12 Amps.

Gas and Steam - X: 200-240V/50/60/1/3: 7 Amps.

Gas and Steam - N: 440-480V/50/60/3: 3 Amps.

Electric - F: 200-208V/50/60/3: 103 Amps.

Electric - G: 230-240V/50/60/3: 90 Amps.

Electric - K: 440V/50/60/3: 49 Amps.

Electric - L: 460-480V/50/60/3: 45 Amps.

* + - 1. Basis of Design: ST120 as manufactured by Speed Queen/Alliance Laundry Systems.
         1. Agency Approvals: CSA
         2. Control Option: Quantum.
         3. Capacity: 120 lbs (54 kg).
         4. Dimensions (WxDxH): 46.1 x 67.9 x 85.7 inches (1170 x 1725 x 231750 mm).
         5. Net Weight: Gas: 1220 lbs (555 kg). Electric: 1250 lbs (575 kg). Steam: 1330 lbs (605 kg).
         6. Cylinder: Diameter: 44 inches (1120 mm). Depth: 41 inches (1040 mm).

Volume: 36.1 cu ft (1020 L).

* + - * 1. Door Opening Size: 26.9 inches (683 mm).
        2. Heat Input Power:

Gas Models, Per Pocket: 270,000 Btu/hr.

Steam Models, Per Pocket: 187,560 Btu/hr.

Electric Models: 60 kW.

* + - * 1. Gas Connections: 1.0 inch NPT.
        2. Steam Plumbing Connection: 0.75 NPT.
        3. Air Outlet: 10 inches (254 mm).
        4. Motor: Fan: 1.5 hp. Cylinder: 1.5 hp.
        5. Airflow: 1400 cfm (661 L per sec).
        6. Electrical Requirements:

Gas - Q: 200-240V/50/60/3: 7 Amps.

Gas - N: 440-480V/50/60/3: 4 Amps.

Electric - G: 230-240V/50/60/3: 147 Amps.

Electric - K: 440V/50/60/3: 82 Amps.

Electric - L: 460-480V/50/60/3: 75 Amps.

* + - 1. Basis of Design: ST170 as manufactured by Speed Queen/Alliance Laundry Systems.
         1. Agency Approvals: CSA.1400
         2. Control Option: Quantum.
         3. Capacity: 170 lbs (77 kg).
         4. Dimensions (WxDxH): 52.9 x 69.8 x 94 inches (1345 x 1772 x 2390 mm).
         5. Net Weight: Gas: 1400 lbs (555 kg). Steam: 1550 lbs (705 kg).
         6. Cylinder: Diameter: 50.8 inches (1290 mm). Depth: 42.5 inches (1080 mm).

Volume: 49.8 cu ft (1410 L).

* + - * 1. Door Opening Size: 26.9 inches (683 mm).
        2. Heat Input Power:

Gas Models, Per Pocket: 395,000 Btu/hr.

Steam Models, Per Pocket: 265,563 Btu/hr.

* + - * 1. Gas Connections: 1.0 inch NPT.
        2. Steam Plumbing Connection: Inlet: 0.75 NPT. Outlet: 1.0 inch NPT.
        3. Air Outlet: 12 inches (305 mm).
        4. Motor: Fan: 1.5 hp. Cylinder: 1.5 hp.
        5. Airflow: 2150 cfm (1015 L per sec).
        6. Electrical Requirements:

Gas and Steam - Q: 200-240V/50/60/3: 11 Amps.

Gas and Steam - N: 440-480V/50/60/3: 6 Amps.

* + - 1. Basis of Design: ST200 as manufactured by Speed Queen/Alliance Laundry Systems.
         1. Agency Approvals: CSA.
         2. Control Option: Quantum.
         3. Capacity: 200 lbs (91 kg).
         4. Dimensions (WxDxH): 52.9 x 77.3 x 94 inches (1345 x 1965 x 2390 mm).
         5. Net Weight: Gas: 1550 lbs (705 kg). Steam: 1700 lbs (770 kg).
         6. Cylinder: Diameter: 50.8 inches (1290 mm). Depth: 50 inches (1270 mm).

Volume: 58.6 cu ft (1660 L).

* + - * 1. Door Opening Size: 26.9 inches (683 mm).
        2. Heat Input Power:

Gas Models, Per Pocket: 425,000 Btu/hr.

Steam Models, Per Pocket: 265,564 Btu/hr.

* + - * 1. Gas Connections: 1.0 inch NPT.
        2. Steam Plumbing Connection: Inlet: 0.75 NPT. Outlet: 1.0 inch NPT/
        3. Air Outlet: 12 inches (305 mm).
        4. Motor: Fan: 3 hp. Cylinder: 0.75 hp.
        5. Airflow: 2150 cfm (1015 L per sec)
        6. Electrical Requirements:

Gas and Steam - Q: 200-240V/50/60/3: 12 Amps.

Gas and Steam - N: 440-480V/50/60/3: 6 Amps.

\*\* NOTE TO SPECIFIER \*\* Get twice the drying capacity in the compact floor space of a single dryer with Speed Queen® stack dryers. Combined with extra capacity for large loads, the stack dryer gets the maximum amount of work done without breaking the bank - or your laundry design. Delete paragraph if not required or delete basis of design options not required.

* + 1. Stack Dryers:
       1. Basis of Design: LSEE5AGS173TW01, Electronic Homestyle (EH) as manufactured by Speed Queen/Alliance Laundry Systems.
          1. Heat Source: Electric. Door Type: Solid.
          2. Available Heating Element: 5350 W at 240 V.
       2. Basis of Design: LSEE5AGW173TW01, Electronic Homestyle (EH) as manufactured by Speed Queen/Alliance Laundry Systems.
          1. Heat Source: Electric. Door Type: Window.
          2. Available Heating Element: 5350 W at 240 V.
       3. Basis of Design: LSGE5AGS113TW01, Electronic Homestyle (EH) as manufactured by Speed Queen/Alliance Laundry Systems.
          1. Heat Source: Gas. Door Type: Solid.
          2. Gas Inlet Connection: 3/8 inch (9.5 mm).
          3. Gas Consumption: 22,500 btu per hour.
       4. Basis of Design: LSGE5AGW113TW01 Electronic Homestyle (EH) as manufactured by Speed Queen/Alliance Laundry Systems.
          1. Heat Source: Gas. Door Type: Window.
          2. Gas Inlet Connection: 3/8 inch (9.5 mm).
          3. Gas Consumption: 22,500 btu per hour.
       5. Basis of Design: SSEMNAGS173TW01, E-Mech (EM) as manufactured by Speed Queen/Alliance Laundry Systems.
          1. Heat Source: Electric. Door Type: Solid.
          2. Available Heating Element: 5350 W at 240 V.
       6. Basis of Design: SSGMNAGS113TW01, E-Mech (EM) as manufactured by Speed Queen/Alliance Laundry Systems.
          1. Heat Source: Gas. Door Type: Solid.
          2. Gas Inlet Connection: 3/8 inch (9.5 mm).
          3. Gas Consumption: 22,500 btu per hour.
       7. Features and Attributes:
          1. Standards Compliance: Electric: cULus. Gas: cCSAus.
          2. Control Location: Front.
          3. Capacity: 18 lbs (8.2 kg).
          4. Cylinder Volume: 7.0 cu ft (198 L).
          5. Overall Dimensions (WxDxH): 26.875 x 28 x 78.17 inches (683 x 711 x 1986 mm).
          6. Motor Power Consumption: 0.33 hp (0.25 kw).
          7. Exhaust Outlet Diameter: 4 inch (102 mm).
          8. Exhaust Airflow: 220 cfm (105 L per sec).
          9. Available Cycles: Regular, perm press, delicate, time dry, quick dry, and fluff up.
          10. Water Pressure: 20 to 120 psi (1.4/8.3 bar).
          11. Cycle Indicator Lights: Yes.
          12. Cylinder Finish: Galvanized.
          13. Color: White.
          14. Available Electrical Requirements:

Electric: Voltage/Hz/Ph - Circuit Amperage: 120/240/6/1-30.

Electric: Voltage/Hz/Ph: 120/208/6/1.

Gas: Voltage/Hz/Ph - Circuit Amperage: 120/60/1-15.

* + - * 1. Net Weight:

Electric 262 lbs (119 kg).

Gas 270 lbs (122 kg).

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