Speed Queen®

# Vended

## Quantum™ System
## Coin/Card-Operated Washer-Extractors

20 lb (9 kg) Washer-Extractor
30 lb (14 kg) Washer-Extractor
40 lb (18 kg) Washer-Extractor
60 lb (27 kg) Washer-Extractor
80 lb (36 kg) Washer-Extractor




**A Passion to Lead**



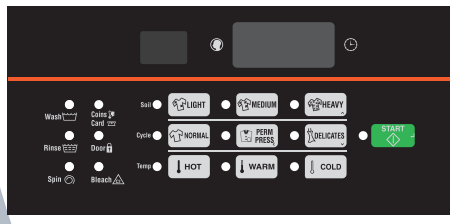
## Quantum™ System Coin or Card-Operated

The vended laundry business is changing. Owners today need the versatility to adapt quickly to fluctuations in operating expenses and customers' needs. Features that a few years ago were considered luxuries are now essential components to doing business.

Speed Queen's cutting-edge Quantum™ System, gives owners the power to respond instantly to changes in order to maximize their store's profitability. A Quantum™ Gold networked store is the ultimate in management ease, enabling owners to modify vend prices or cycles from the comfort of their own home or anywhere they have access to computer. Operations reports and machine data further assist with management and identifying any potential service problems.

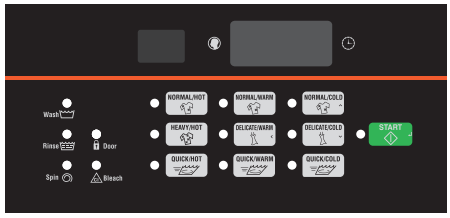
With Speed Queen's advanced network technology and efficient equipment in your store, you'll be assured you're ready to do business in the Quantum™ world.

## Quantum™ GOLD



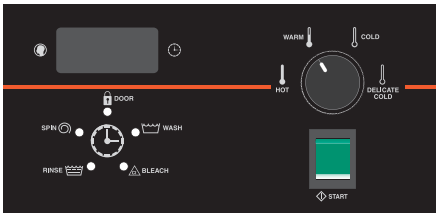

In addition to its network, and off-site management capabilities, Quantum™ Gold offers a total of 27 cycle combinations, 30 programmable water levels and customer-centric offerings such as a free "lucky cycle" for loyal customers. PC/PDA programming also is standard as is time-of-day pricing of up to a year in advance as well as a maximum extraction speed of 140 G-Force. The Quantum™ Gold control can interface with the store owner's card manufacturer of choice.

## Quantum™ SILVER




Quantum™ Silver gives owners a variety of profit-producing features, including nine cycle combinations, multi-level vending and time-of-day pricing. Programming is easily accomplished through a PC or PDA via an infrared port on the control. Like Quantum™ Gold, the Quantum™ Silver control can interface with the store owner's card manufacturer of choice.

## Quantum™ STANDARD




For owners seeking basic management options, and ease of use for customers Quantum™ Standard comes with four cycle selections and manual programming. It also offers a maximum extraction speed of 100 G-Force. Like all Quantum™ controls, Quantum™ Standard can interface with the store owner's card manufacturer of choice.



## Classic Durability

For more than 100 years, the Speed Queen name has been synonymous with quality construction. That reputation continues today. All our SC models are built on the proven Gamma A-Frame design for extreme durability. In addition, Speed Queen uses stainless steel inner and outer tubs and adds a high quality stainless steel top for long-lasting defense against corrosive laundry chemicals.

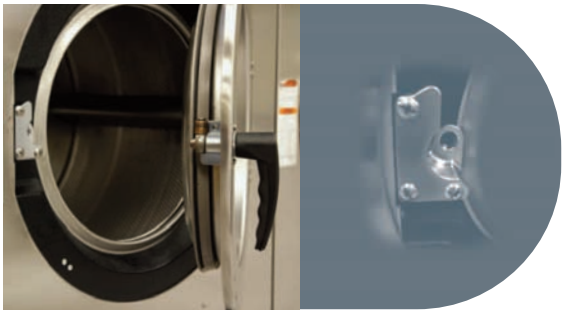



## Soap Dispenser

Speed Queen's new soap dispenser is a customer favorite. It enables them to add up to four laundry chemicals at the beginning of the cycle. Then our machine does the rest, adding the chemicals automatically to the load at exactly the right time. Now customers will never forget to add the softener.

## An Easy Open-and-Shut Case

Not only is the SC's molded rubber door handle easy to grip, open and close, its durable construction, combined with a rugged-reliable door lock, ensure years of worry-free, dependable operation.



## Door Opening

A large door opening makes loading and unloading fast and easy. Our heavy-duty stainless steel door features vacuum tight sealing to keep water inside the machine where it belongs. The door lock, as well as the heat-treated, shatter-proof circular door glass, helps operators safely view the wash process.

## Reversing

The alternate rotating wash action thoroughly cleans your customers' clothes without damaging those delicate fabrics.

## Superior Serviceability

Speed Queen's removable top and front panels are designed for minimum down time and ease of service. Now trouble-shooting electrical systems as well as accessing drain valve components is easier than ever.

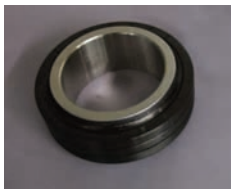
## Your Water Guardian

Water is an expensive part of running a vended laundry, and can often be wasted when stuck drain valves are undetected for months. Speed Queen's advanced leak detection system acts as your store's water guardian by monitoring the washer's drain system. If a leak is detected, owners are alerted to the condition with an indicator light on the display. This guardian also monitors for slow drain conditions that can impact cycle time and, ultimately, machine availability in your store.

## Low water usage

Water is a precious resource and all Speed Queen SC models are designed to curb its use. With Quantum™ Gold, owners can customize 30 water levels in each wash segment.

## Heavy-Duty Bearings and Trunnion Assembly



Triple-Lip Seal

Bearings are perhaps the most important part on a washer-extractor and Speed Queen gives them the ultimate in protection with a triple-lip seal. Add to the equation a stainless steel sleeve around our heavy-duty trunnion shaft and your washer-extractor is ready for years of worry-free performance.

## Warranty

Speed Queen's commitment to customers comes with an industry-leading warranty, which starts with a three-year limited parts warranty. We also place a five-year warranty on key components such as the frame, cylinder, shaft, bearings and seals.* To us, building the best machines on the market, doesn't mean much if we're not willing to also take the lead in standing behind them. As a Speed Queen customer, you'll never have to worry about our bond.

* Parts only, labor not included. See Speed Queen Warranty Bond for specifics.

## Activation Features

### Coin Models

Quantum™ laundry units are factory equipped with high security coin drops.

Five checks to validate the coin and a reject slot to return invalid coins.

### Card Ready Models

The Quantum™ laundry unit is card-ready for interfacing with a card reader supplier of choice.

# Vended Quantum™ Washer-Extractor Specifications

| | | SC20 | | SC30 | | SC40 | | SC60 | | SC80 |
|---|---|---|---|---|---|---|---|---|---|---|
| Control Option | | Gold, Silver, Standard | | Gold, Silver, Standard | | Gold, Silver, Standard | | Gold, Silver, Standard | | Gold, Silver, Standard |
| Capacity - lb (kg) | | 20 (9) | | 30 (13.6) | | 40 (18) | | 60 (27) | | 80 (36) |
| Overall Width - in (mm) | | 26" (660) | | 29" (737) | | 30 5/8" (778) | | 34 1/16" (865) | | 41 1/2" (1054) |
| *Overall Depth - in (mm) | | 30 1/4" (767) | | 34 9/16" (878) | | 39 3/4" (1009) | | 42 9/16" (1081) | | 51 1/2" (1308) |
| Overall Height - in (mm) | | 42" (1067) | | 45" (1142) | | 47 1/4" (1199) | | 49 7/8" (1267) | | 56 3/16" (1426) |
| Cylinder Diameter - in (mm) | | 21" (533) | | 24" (610) | | 26 1/4" (667) | | 30" (762) | | 36" (916) |
| Cylinder Depth - in (mm) | | 13 3/4" (349) | | 16" (406) | | 20 1/4" (514) | | 22" (559) | | 22" (559) |
| Cylinder Volume - cu. ft. (liters) | | 2.76 (78.1) | | 4.19 (118) | | 6.34 (180) | | 9.0 (255) | | 12.4 (354) |
| Door Opening Size - in (mm) | | 11 5/8" (295) | | 14 5/16" (364) | | 16 1/4" (413) | | 16 1/4" (413) | | 18 1/2 " (470) |
| Door Bottom to Floor - in (mm) | | 14 3/8" (365) | | 14" (356) | | 14 1/2" (368) | | 14 15/16" (379) | | 17 15/16" (455) |
| Water Inlet Connection - in (mm) | | 2 @ 3/4" (19) | | 2 @ 3/4" (19) | | 2 @ 3/4" (19) | | 2 @ 3/4" (19) | | 2 @ 3/4" (19) |
| Drain Diameter - in (mm) | | 1 @ 2" (52) | | 1 @ 2" (52) | | 1 @ 3" (76) | | 1 @ 3" (76) | | 1 @ 3" (76) |
| Drain Height to Floor - in (mm) | | 4 1/2" (114) | | 4 1/2" (114) | | 4 13/16" (122) | | 4 11/16" (119) | | 5 3/4" (145) |
| | | 2 Speed | F/V Speed | 2 Speed | F/V Speed | 2 Speed | F/V Speed | 2 Speed | F/V Speed | F/V Speed |
| Motor Size - HP (kW) | Wash | .15 (.11) | N/A | .24 (.18) | N/A | .40 (.30) | N/A | .55 (.41) | N/A | N/A |
| | High Extract | .74 (.55) | 1 (.75) | 1.34 (1.0) | 1 (.75) | 1.8 (1.3) | 2 (1.7) | 2.7 (2.01) | 3 (2.2) | 5 (3.7) |
| Total # of Speeds | | 2 | 6, 8 | 2 | 6, 8 | 2 | 6, 8 | 2 | 6, 8 | 6, 8 |
| Cylinder Speeds - RPM (G-Force) | Gentle | N/A | 29 (.25) | N/A | 27 (.25) | N/A | 26 (.25) | N/A | 24 (.25) | 22 (.25) |
| | Wash | 55 (.9) | 52 (.8) | 49 (.8) | 48 (.8) | 51 (1) | 46 (.8) | 47 (.9) | 43 (.8) | 40 (.8) |
| | Distribution | N/A | 92 (2.5) | N/A | 86 (2.5) | N/A | 82 (2.5) | N/A | 77 (2.5) | 70 (2.5) |
| | Very Low | N/A | 366 (40) | N/A | 343 (40) | N/A | 328 (40) | N/A | 307 (40) | 280 (40) |
| | Low | 519 (80) | 518 (80) | 468 (75) | 485 (80) | 486 (88) | 464 (80) | 450 (86) | 434 (80) | 396 (80) |
| | Medium | N/A | 580 (100) | N/A | 542 (100) | N/A | 518 (100) | N/A | 485 (100) | 443 (100) |
| | ** High | N/A | 635 (120) | N/A | 594 (120) | N/A | 568 (120) | N/A | 531 (120) | 485 (120) |
| | **Very High | N/A | 686 (140) | N/A | 641 (140) | N/A | 613 (140) | N/A | 574 (140) | 524 (140) |
| *** Voltage/Hz # of wires/ Phase/ Circuit Breaker - FLA | B 120/60/1 | 20-16 N/A | | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | C 380-415/50/4/3 | 15-4 | N/A | 15-4 | N/A | 15-5 | N/A | 15-5 | N/A | N/A |
| | O 208/220-240/60/3/3 | 15-3 | N/A | 15-7 | N/A | 20-7 | N/A | 20-10 | N/A | N/A |
| | Q 200-208/220-240/50/60/3/3 | N/A | 15-5 | N/A | 15-5 | N/A | 15-6 | N/A 15-8 | | 15-11 |
| | R 380-415/440-480/50/60/3/3 | N/A | 15-4 | N/A | 15-4 N/A | | 15-5 | N/A 15-6 | | 15-8 |
| | X 200-208/220-240/50/60/3/1/3 | N/A | 15-6 | N/A | 15-7 | N/A | 15-10 | N/A 15-11 | | 20-16 |
| | Y 208/220 - 240/60/2/3/1 | 15-8 N/A | | 20-10 | N/A | 30-14 | N/A | N/A N/A | | N/A |
| Shipping Dimensions Approx. - in (mm) | Width | 29 1/2" (749) | | 32 1/2" (828) | | 34 1/4" (867) | | 38" (965) | | 48" (1219) |
| | Depth | 34 5/8" (879) | | 39 13/16" (1014) | | 44 5/8" (1133) | | 49" (1245) | | 56" (1422) |
| | Height | 51 1/2" (1308) | | 54 1/2" (1389) | | 56 3/4" (1441) | | 59 3/8" (1508) | | 65 3/4" (1670) |
| Net Weight - lb (kg) | | 387 (176) | | 489 (222) | | 692 (314) | | 812 (368) | | 1374 (623) |
| Shipping Weight - lb (kg) | | 420 (191) | | 530 (240) | | 734 (333) | | 854 (387) | | 1461 (663) |
| Export Shipping Weight - lb (kg) | | 475 (215) | | 593 (269) | | 816 (370) | | 948 (430) | | 1573 (714) |
| ****Agency Approvals | | cETL$_{us}$, CE | | cETL$_{us}$, CE | | cETL$_{us}$, CE | | cETL$_{us}$, CE | | cETL$_{us}$, CE |

*Overall depth includes vacuum breaker to door handle.

**High & Very High Spin Speeds are available on the V Speed models only.

***Circuit breaker and amp draw data shown are for models without electric heat. Consult factory for other configurations. Manufacturer strongly recommends using a circuit breaker instead of fuses. Use 3-pole circuit breakers for 3-phase machines.

**** Agency approvals may vary depending on configuration. Consult factory for details. Steam connection requires 1/2" N.P.P.

For the most accurate information, the installation guide should be used for all design and construction purposes. Due to continuous product improvements, design and specifications subject to change without notice. The quality management system of Alliance Laundry Systems' Ripon facility has been registered to ISO 9001:2000.

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