

**CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Richard C. Visconti, R.A., Acting Commissioner

**MEA 29-00-E**

**Report of Material and Equipment Acceptance Division**

**Manufacturer-RENZACCI SpA, Via R. Morandi 13, 06012 Citta di Castello(PG) Italy  
Trade Name(s) - Renzacci, Gold Deluxe, Force, Patriot System, Patriot System Green, Serena Green, Speed Master.**

**Product – Dry cleaning machines, non-coin operated, UL category Class IV Dry Cleaning Solvent (non-flammable) using perchlorethylene solvent, A.R.L. and C.S.A. label and listed.**

**Pertinent Code Section(s) - 27-4087, Article 6 Section 27-426.**

**Test(s) - UL 664 "Commercial Dry Cleaning Machines (type IV).**

**Laboratories - Applied Research Laboratories (U.S.A.) and Canadian Standards Association labeled and listed.**

**Test Report(s) - A.R.L. 29029 issued March 1, 1998 and revised December 7, 1998.**

**Description - The dry cleaning machines are dry to dry, front door loaded, closed system, with manually set computer programming with manual override. The major components are the belt driven drum assembly, heat pump, the wash, extract, pump and fan motors, solvent recovery systems, ecological (powderless) and cartridge type filter assembly, and control panel. These machines are available for supply voltages of 208-240V, 3 phase, 60 Hz. The control is 24 Vac, 60 Hz. The solvent used in the cleaning process is perchlorethylene, which is non-flammable. The machines have a refrigerating unit used for the drying and cool-down cycles, and an active carbon absorption filter, owing to which there is no venting of perchlorethylene vapors to the outside. The still, recovery section, condenser, wash wheel, water separator, pre-lint filter, loading door are made from 340L stainless steel. Balance of the components are made from galvanized cold rolled steel. All parts conform to UL 664 and A.R.L. requirements.**

The operation of the dry cleaning machines is as follows:

Garments are placed in the wash wheel and the machine is started. Solvent is pumped from one of the integral base tanks into the wash wheel. When a pre-set liquid level is reached, the solvent is circulated from the wash wheel through the filtering system for purification purposes. At the end of the pre-set cleaning cycle (approx. 6 minutes) the solvent is drained to one of the integral base tanks. The liquid from the garments is then extracted for three minutes at speeds of 311 rpm up to 500 rpm depending on the model.

The dry cleaning machines differ in load size, number of filters and solvent tanks as follows:

Model No.	Load Size lb.	No. of Filters	No. of Tanks
240	24	2	3
240DC	24	1	2
250	25	2	3
260	27	2	3
260DC	27	1	2
280	28	2	3
380	35	2	3
380DC	35	1	2
410	40	2	3
480	45	2	3
480DC	45	1	2
550	55	2	3
601 or 650	60	2	3
Speedmaster	33	1	2

The tradenames that correspond to the above model numbers are as follows:

Renzacci f/b 250, 280, 410, 480 or 650; Gold Deluxe 240; Force, Patriot System or Patriot System Green f/b 240, 240DC, 260, 260DC, 380, 380DC, 480, 480DC, 550 or 650; Serena Green f/b 240DC, 260, 260DC, 380, 380DC, 480, 480DC, 550 or 601; Speed Master; all may be f/b E or S.

Recommendation - That the above non-coin operated dry cleaning machines using perchlorethylene Class IV Dry Cleaning Solvent, be accepted on condition that all uses, locations and installations comply with the New York City Building Code, specifically Section 27-4087 and Article 6, RCNY Title 2 Chapter 5-02 Rules covering Non-Coin Operated Dry Cleaning Establishments, the New York City Electrical Code, Fire Code, A.R.L. Listing, and the manufacturers instructions.

Final Acceptance September 7, 2000

Examined By Mark Jacoby