



### Specifications

- Epoxy-coated steel cabinet with injection-molded thermoplastic control panel and four 2" diameter hard rubber casters. Removable front panel provides access to interior space for vacuum pump (sold separately).
- Tempered glass lid.
- Lid latch with safety sensor.
- Phenol-free lid gasket.
- Epoxy-coated cast aluminum chamber.
- 300-watt heater.
- Microprocessor-controlled programming for run time from 1 to 999 minutes, heat from OFF to HI (100° C) in one degree increments, heat time from 1 to 999 minutes, cold trap on/off, and optional Heat Boost on/off. Memory stores 1 to 9 programs.
- LCD for display of program number, actual and set point temperature, heater time remaining, run time remaining, cold trap activation and optional Heat Boost activation. When the cold trap is activated the LCD flashes Y until the collector coil reaches operating temperature of -40° C (-40° F) at which time the Y glows continuously.
- Control panel with RUN/STOP button, PREHEAT button, COLD TRAP button, optional HEAT BOOST button, set point SELECT button, increase/decrease buttons, and 3 Quick-Start buttons.
- Centrifugal motion is provided by a brushless motor capable of achieving up to 1725 rpm.
- Quick-Stop System to stop vacuum pump, open valve to bleed air into the chamber and stop the rotor within seconds after time expires or RUN/STOP button is pressed.
- Automatic vacuum release valve.
- Built-in vacuum delay allows rotor to achieve speed before applying vacuum.
- Audible alarm to signal completion of set point run time.
- 1/2" OD aluminum hose fitting for connection to vacuum tubing.

**Vacuum pump is not included.**

- CFC-free refrigeration system with 1/4 hp compressor lowers cold trap to -55° C (-67° F) in less than 15 minutes.
- 4-liter stainless steel collector with acrylic lid with two Quick-Disconnect fittings for 1/2" ID hose, rubber gasket and insulating cover.
- Front-mounted stainless steel collector drain port with nylon valve and grounding clip.
- Built-in clear canister to accommodate chemical trap insert. Cutout in front panel provides at-a-glance trap monitoring.
- Includes one Solvent Trap Insert 7815200 and 12-13 mm Rotor 7455100.
- 115 volt models include a 115 volt electrical receptacle located on the back to connect accessory vacuum pump to the system. A 6.5-foot, 3-wire cord and 20 amp plug are provided. **A 20 amp minimum circuit breaker is required.**
- 230 volt models include an IEC electrical receptacle located on the back to connect accessory vacuum pump to the system. A 9.8-foot cord and 15 amp plug are provided. **A 10 amp circuit breaker is required.**
- CE mark on all 230 volt, 50 Hz models.
- Overall dimensions with closed lid: 13.75" wide x 27.2" deep x 37.9" high (34.9 x 69.1 x 96.3 cm).
- Actual weight 153 lbs. (69 kg). Shipping weight 165 lbs. (75 kg).



CentriVap Mobile System 7812002

### Built-in Option

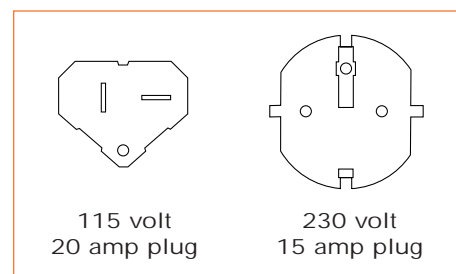
- 300-watt Heat Boost from OFF to HI (100° C) in one degree increments, for 1 to 999 minutes, depending on set points programmed for heater.

### Required Accessories (not included)

- **Diaphragm or Rotary Vane Vacuum Pump.** See page 21.
- **Sample tubes.** Contact your laboratory supply dealer.

### Other Accessories (See pages 20 - 22)

- CentriZap Strobe Light
- Rotors
- Glass Lid
- Vacuum Controller
- Glass Trap
- Chemical Traps



### Ordering Information

Catalog Number	Electrical Specifications	Heat Boost
7812000	115 volts, 60 Hz, 8.5 amps**	
7812001*	230 volts, 50 Hz, 4.0 amps**	
7812002	115 volts, 60 Hz, 10.5 amps**	x
7812003*	230 volts, 50 Hz, 5.0 amps**	x

\* International electrical configuration

\*\* Current rating excluding vacuum pump