

RHS[®]2780 Dual Digital A/C Refrigerant Handling System

The most productive dual A/C service unit available.

Recover, recycle, and recharge—service times average less than ten minutes.

The quickest in the industry!

Speed

- **Patented Recovery/Recycling Process**
Heavy-duty compressors with true single-pass technology system for maximum throughput.
- **Large Industrial Grade Fan-Cooled Condensers**
Speed recovery, especially when temperatures are high and A/C service is in demand.
- **Rapid Deep Vacuum**
7 CFM vacuum pump.
- **Integrated High or Low Side Graduated Oil Charge** Fast, easy method for oil charge.
- **Digital Heated Charge**
Programmable with thermostatically controlled heat belts. Refills most vehicles in less than 45 seconds.
- **Recover from Low and High Sides of Vehicle**

Accuracy

- **Internal Weight Scales**
Industrial-strength scales eliminate inaccuracies and frequent calibration issues.
- **Rigidly Mounted Components**
Robust weight scales provide accurate measurement of refrigerant recovered from and charged to vehicle.
- **Refrigerant Inventory**
Accurate, continuous tracking of recovered, recharged, and available refrigerant. Long-term memory for cumulative refrigerant management.

Automation

- **Automatic Prompts Guide the Technician**
- **Advanced Microprocessor**
Allows you to program vacuum time, leak test, charge amount, etc...and walk away.
- **Pressure Detection**
Devices Automatically restarts compressors if residual refrigerant is detected.
- **Single-Pass Rapid Air Purge**
Quickly eliminates noncondensable gases.

Intuition

- **Digital Readout**
Easy to understand. Plain language information and technician prompts. No tutorial needed. So easy it makes any technician an A/C expert.
- **Easy Switchover**
Instantaneous change between R12 and R134a—no waiting!

Reliability

- **Pressure Protection**
Suction pressure regulators protect compressors and other critical components.
- **Durable Components**
Powder-coated steel cabinet and the highest quality compressors, solenoids, circuit board, switches, wiring, filters, weight scales...
- **Field Proven Reliability**
RTI A/C machines are the choice of the world's largest service chains and tens of thousands of satisfied customers around the world.



Specifications

Electrical	120 VAC - 60 Hz - 12 AMP (230 VAC - 50 Hz - 6 Amp available)
Dimensions	47 in x 31 in x 32 in (119 cm x 79 cm x 81 cm) (H x W x D)
Weight	340 lb (154 kg)
Operating Range	32° to 122°F (0° to 50°C)
Scale Accuracy	±0.03% load cell accuracy over useable range
Hoses	11 ft (3.35 m)
Compressors	3/8 HP - 0.8 kW, pressure protected, balanced startup, oiled, hermetic
Condensers	2,270 in ² (14,645 cm ²) fin surface area, 0.38 in (0.97 cm) diameter copper tubing
Condenser Fans	Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM
Vacuum Pump	7 CFM, 29.9 inHg (0.40 mbar) (300 micron)
Charging Cylinders	30 lb (13.6 kg) DOT
Cylinder Heaters	Heat belt, 200 Watt, thermostatically controlled
Process Time	Less than 10 minutes average, recover/recycle/recharge
Warranty	5 year parts; 2 year labor

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P/N 460-80200-00

R12 side can be converted later to R134a with an RTI conversion kit.

