

RHS[®]780 Digital A/C Refrigerant Handling System

Looking for the most productive and reliable automatic A/C service unit—then look no further! Recover, recycle, and recharge—service times average less than ten minutes. The quickest in the industry!

Speed

- **Patented Recovery/Recycling Process**
Heavy-duty compressor with true single-pass technology system for maximum throughput.
- **Large Fan-Cooled Condenser**
Speeds recovery, especially when temperatures are high and A/C service is in demand.
- **7 CFM Deep Vacuum Pump**
Provides rapid evacuation.
- **Integrated Oil Charge**
Fast, easy method for oil charge.
- **Digital Heated Power Charge**
Programmable with high wattage thermostatically controlled heat belt. Refills most vehicles in less than 30 seconds.

Accuracy

- **Internal Weight Scale**
Industrial-strength scale with shock absorber eliminates inaccuracies and frequent calibration issues.
- **Rigidly Mounted Cylinder**
Robust weight scale provides 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

- **Fully Automatic Service**
- **Advanced Microprocessor**
Allows you to program vacuum time, leak test, charge amount, etc...and walk away.
- **Pressure Detection Device**
Automatically restarts compressor if residual refrigerant is detected.
- **Single-Pass Auto Air Purge**
Quickly and automatically 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.
- **Solenoid-Controlled Gauge Manifold**
No panel valves to open and close. Solenoids automatically open high and/or low side, eliminating potential mistakes.

Reliability

- **Pressure Protection**
Suction pressure regulator protects compressor and other critical components.
- **Durable Components**
Powder-coated steel cabinet and the highest quality compressor, solenoids, circuit board, switches, wiring, filters, weight scale...
- **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.



Automotive Equipment Sales and Service
2426 Arbuckle
Dallas, TX 75229
800.749.5990
www.autoess.com



RHS[®]780-R12*
RHS[®]780-R134a

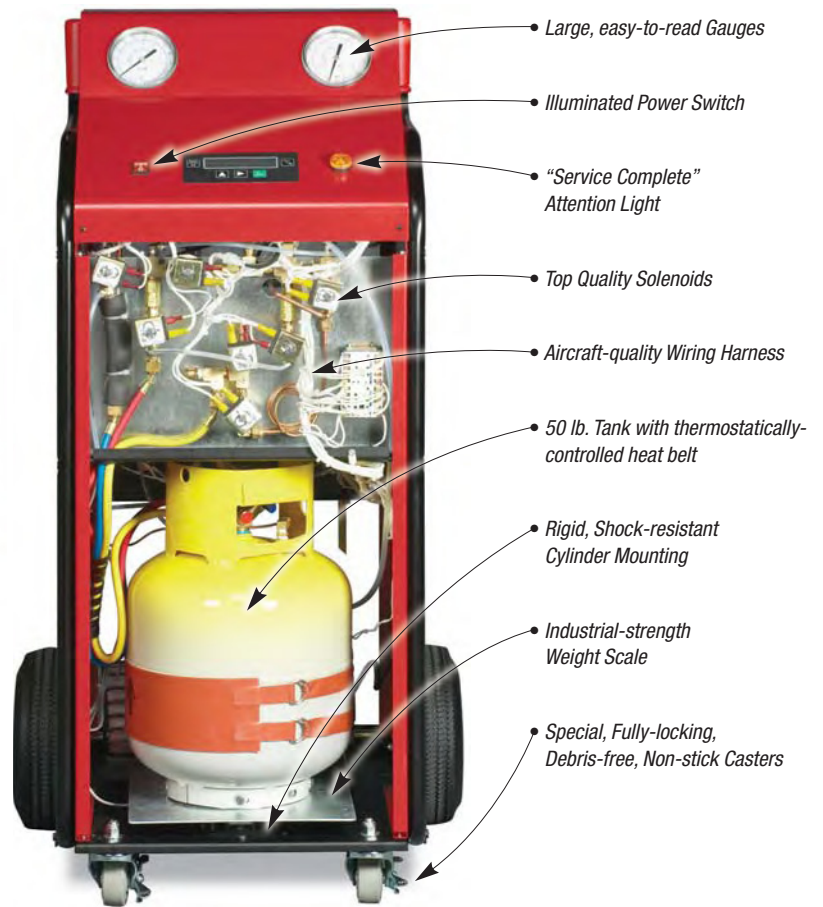
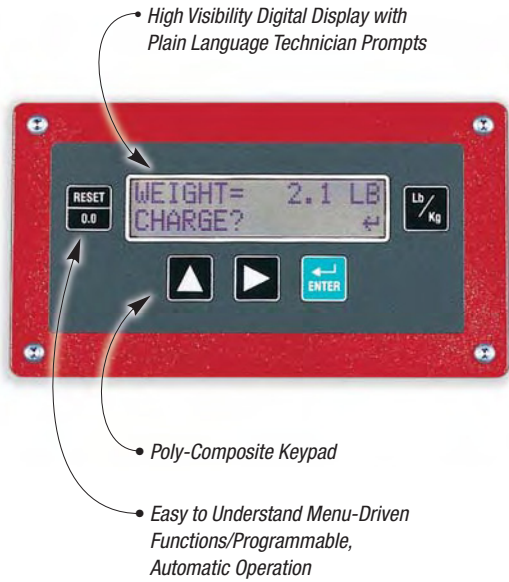
P/N 460-80266-00
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* RHS[®]780-R12 can be converted later to R134a with an RTI conversion kit.

Specifications

Electrical	120 VAC - 60 Hz - 12 Amp (230 VAC - 50 Hz - 6 Amp available)
Dimensions	49 in x 20 in x 20 in (125 cm x 51 cm x 51 cm) (H x W x D)
Weight	255 lb (116 kg)
Operating Range	32° to 122°F (0° to 50°C)
Scale Accuracy	±0.05% load cell accuracy over useable range
Hoses	11 ft (3.35 m)
Compressor	3/8 HP - 0.8 kW, pressure protected, balanced startup, oiled, hermetic
Condenser	2,270 in ² (14,645 cm ²) fin surface area, 0.38 in (0.97 cm) diameter copper tubing
Condenser Fan	Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM
Vacuum Pump	7 CFM, 29.9 InHg (0.40 mbar) (300 micron)
Charging Cylinder	50 lb (22.7 kg) DOT
Cylinder Heater	Heat Belt, 200 Watt
Process Time	Less than 10 minutes average, recover/recycle/recharge
Warranty	5 years parts - 2 years labor

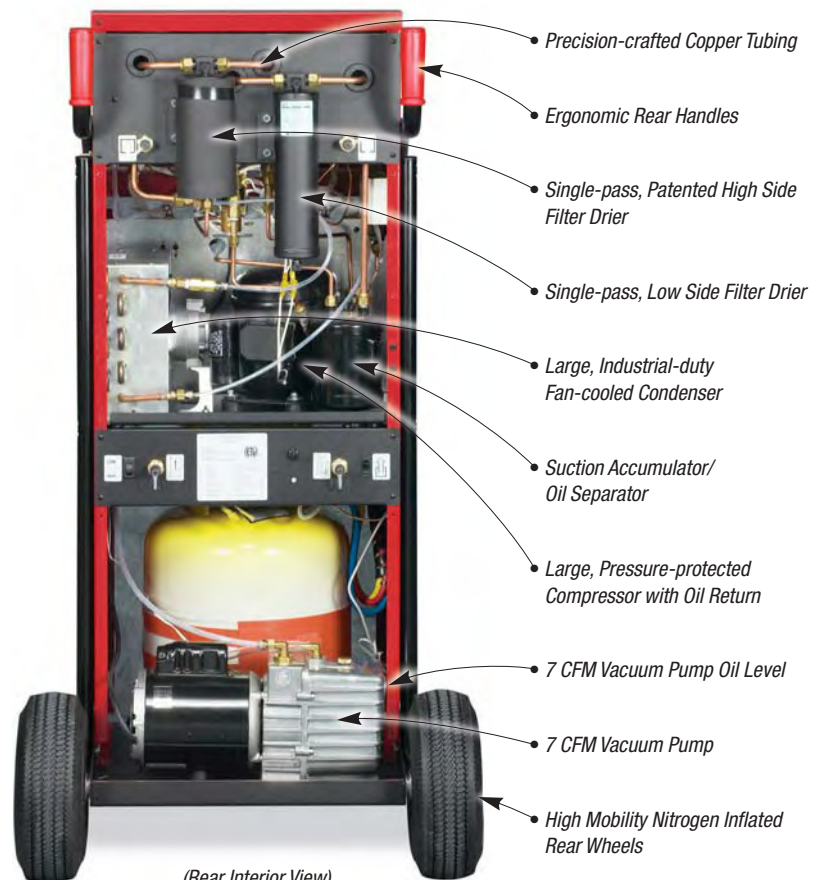




(Front Interior View)



You can see the quality and rugged construction built into all of RTI's Automotive Maintenance Equipment.



(Rear Interior View)



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