

ArcticPRO® RHS®980 Digital R-134a Refrigerant Handling System

Establishes a new productivity benchmark for A/C refrigerant handling machines!

Superior Productivity

The ArcticPRO® RHS®980 recovers 95% of automobile refrigerant systems and has a refrigerant recharge accuracy of +/- 1/2 ounce to save money and eliminate callbacks. It features fully automatic operation and when utilized with TechALERT®, the RHS®980 dramatically boosts workshop productivity.

Ease-of-Use = Improved Efficiency!

All control functions of the RHS®980 are designed to provide intuitive and rapid interaction with the service technician. The ArcticPRO®980 makes A/C servicing a breeze!

Advanced Serviceability

Simply remove the one-piece composite cover to gain unobstructed service access to all interior components and the RHS®980's unique two-piece KWIK-CHANGE "block" manifold assembly provides quick remedy to most fluid path service issues.

Proven Reliability

For the best out-of-box reliability, the RHS®980 unit specifies the highest quality components and every machine is functionally tested before shipment from the RTI factory.

Interior – LH Side

- Patent-Pending KWIK-CHANGE "block" manifold assembly
- Industrial-duty cooling fan

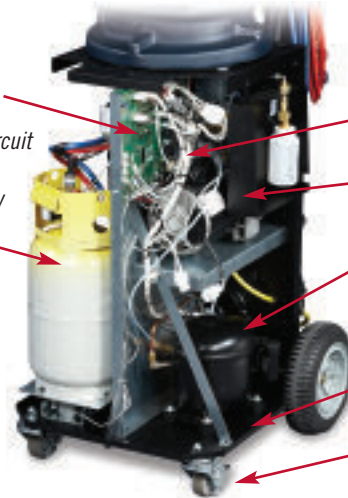


- Shock-resistant cylinder mounting
- Industrial-strength weight scale

- State-of-the-art printed circuit board technology
- 30 lb. charging cylinder

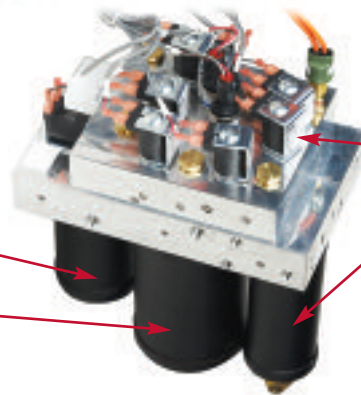
Interior – RH Side

- Aircraft-quality wiring harness
- High-CFM rated vacuum pump
- High-capacity compressor with oil return, electronically controlled pressure regulation
- Rigid steel base – robust component platform
- Fully-locking, self-cleaning front casters



KWIK-CHANGE "Block" Manifold Assembly

- Patent-pending design
- Premium high-flow capacity solenoids
- Single pass low-side filter – includes full capacity alert



- Oil separator
- Suction accumulator

Fully Automatic Operation

- Recover, recycle
- System oil capture
- Vacuum
- Leak test
- Charge, includes auto air purge & low refrigerant indicator



Exterior - Rear Panel

- 10 Micron in-line hose screens – prevents contaminants from entering unit
- Vacuum pump oil – fill/drain
- Virgin refrigerant cylinder storage shelf



Exterior – LH Side

- Slide-out removable pocket
- Provides quick, easy access to refrigerant filter
- Convenient document storage



USB Port

- Handily accommodates data base upgrades
- Convenient for printer downloading

TechALERT®

- Dramatically boosts technician productivity
- Perfect during automatic sequence operation
- Convenient turret location for operation

Controls

- All controls mounted in 180-degree rotating turret
- Easy to use function input and display pad
- Large highly visible characters
- Intuitive menu-driven functions
- Pre-programmed languages (English, Spanish, French, German)
- Large-face pressure gauges

Rotating Turret

- Final positioning is easy.
- Simply rotate the turret and you're ready to go!



Exterior – RH Side

- Oil capture bottle
- Oil charge bottle
- Easy exterior accessibility



Cover Assembly

- One-piece composite
- Easily removed

Rear Wheel Assemblies

- Cushioned, non-inflatable
- Permanently lubed bearing
- No maintenance required

Specifications

Electrical	120VAC - 60HZ - 12 AMP 230VAC - 50HZ - 6 AMP (Optional)
Shipping Dimensions	50 in x 22 in x 35 in (127 cm x 56 cm x 89 cm) (H x W x D)
Weight	Approximately 255 lbs (116 kg)
Operating Ranges	32° - 120°F (0°-49°C)
Scale Accuracy	J2788 Certified (+/- 0.5 oz)(+/- 15 grams)
Recovery Accuracy	J2788 Certified >95% at 70 to 75 Degrees F (21 to 24 Degrees C) within 30 minutes
Hoses	9 ft (2.74 m)
Compressor	3/8HP – 0.8kW, pressure protected, balanced start-up, oiled, hermetically sealed
Condenser Fan	Industrial-duty
Vacuum Pump	7 CFM, dual stage, 29.9 InHg
Charging Cylinder	30 lb (13.6 kg) DOT
Recycling Filter-Drier	Spin-on type
Warranty	2 Years – Parts & Labor

RHS®980 R-134a Digital A/C Refrigerant Handling System

P/N 460-80292-00

RHS®980 R-134 Digital A/C Refrigerant Handling System, 220 VAC

P/N 460-80302-00

Optional Equipment:

ArcticPRO® Productivity Package, includes:

TechALERT® w/ Base & Universal Remote

P/N 465-80061-00

P/N 495-80000-00

RHS®980 Refrigerant Database

P/N 360-82110-00

3 Years Warranty Extension - 5 Yrs Parts/2 Yrs Labor, Total

P/N 360-82176-00

ArcticPRO® Service Shop Display Banner (Rugged Vinyl Coated Material, 84 in x 33.5 in)

P/N 035-81393-00

TechALERT® (Includes Base & Universal Remote)

P/N 495-80000-00

Productivity Package Items may be Individually Ordered