



AR2788S

REFRIGERANT RECOVERY/ RECYCLING/ RECHARGING MACHINE

The heart of the **AR2788S** is the proprietary patent pending plumbing arrangement which eliminates the use of solenoid and check valves in the recovery and evacuation flow paths. Both these components are highly susceptible to in-field failure when exposed to foreign contaminants such as aftermarket A/C Sealants. The flow control technology and 6 CFM PRO-SET® vacuum pump allows you to evacuate systems up to 50% faster. Intelligent self diagnostic capabilities and quality USA manufacturing all contribute to create a solid unit you can rely on to run smoothly in those busy summer months. **Fully compliant with SAE J2788 standard and SAE J2788H standard for High Voltage A/C systems.**



EASY USER SET-UP & OPERATION

- No assembly required! Simply remove the packaging material and add refrigerant. Easy-to-follow instructional booklet included
- Multi language selectable in English, Spanish, French, German, Russian, Japanese and Chinese

ROCK SOLID CONSTRUCTION

- The **AR2788S** emulates the appearance of a professional grade mechanics tool box with all steel construction, black enameled finish and chrome trimming
- Two integrated drawers provide convenient storage of a/c service tools and replacement filters
- Mobility around the shop floor is a breeze with heavy duty front casters and large rubber/tube tires in the rear

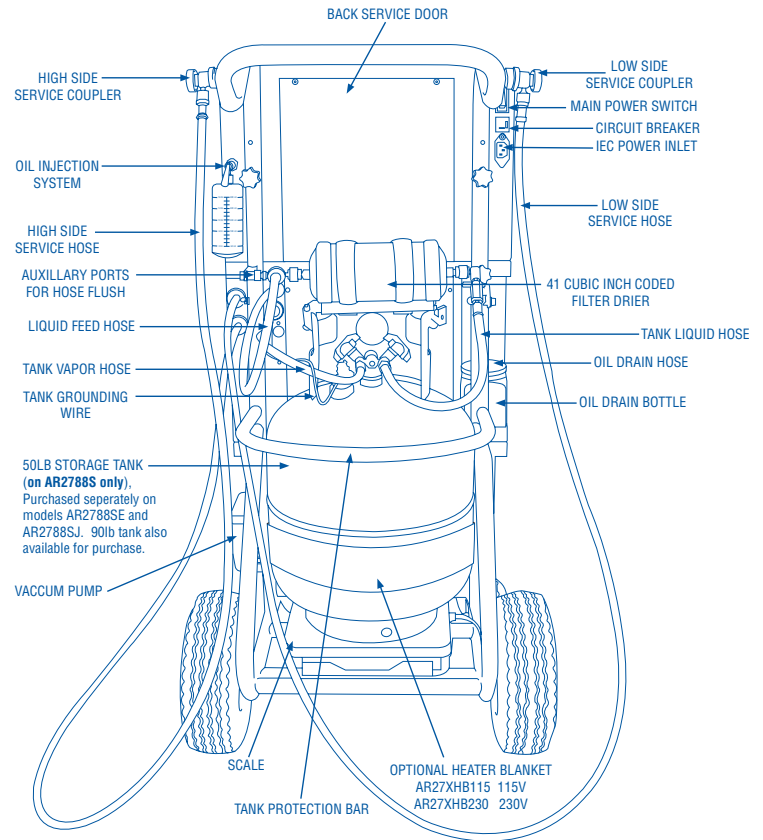
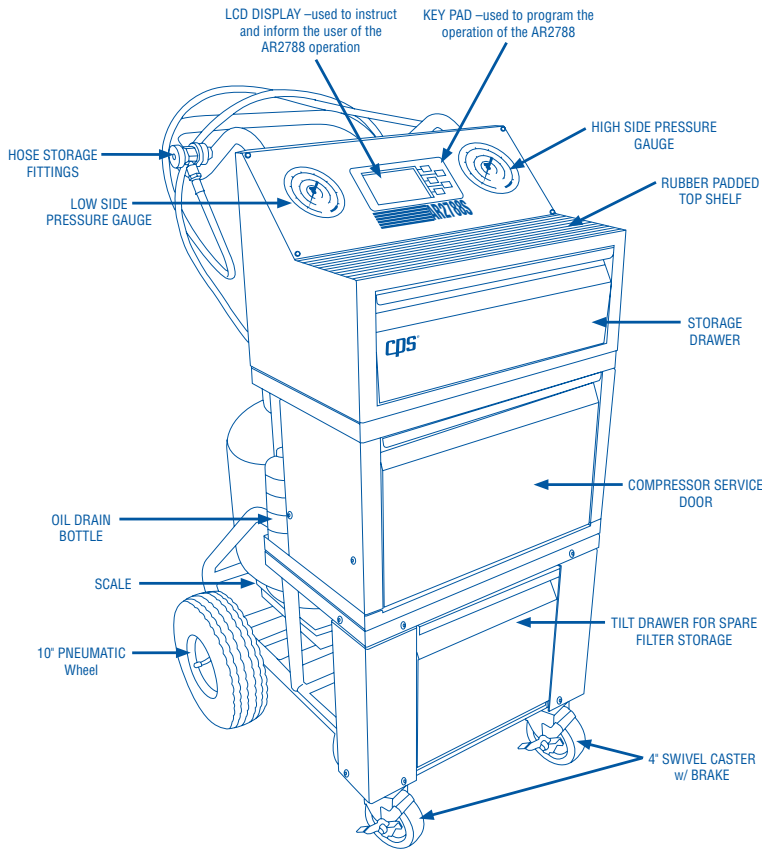
PROFIT FROM SPEED

- A critical component of the **SAE J2788** standard states that a certified unit must be able to recover 95% of a 2007 Chevy Suburban's 3lb refrigerant charge (dual a/c) within 30 minutes. The AR2788S MACH 7 accomplished this task in less than 20 minutes! Earn greater return on your investment with SPEED
- Patent pending flow control technology enables faster and more accurate recovery, recycling and recharging

NO SOLENIODS or CHECK VALVES

- Exclusive patent pending plumbing arrangement eliminates the use of all solenoid and check valves in the recovery and evacuation flow paths. Both these components are susceptible to failure when exposed to foreign contaminants such as aftermarket A/C sealants

AR2788S Unit Layout & Features



AR2788S Specifications

Models	AR2788S	AR2788SJ	AR2788SE
Compressor Type	1/3 HP reciprocating compressor		
Dimensions	22" W x 24.5" D x 42" H		
Weight	120 lbs (does not include tank weight)		
Operating Range	10°C (50° F) to 49°C (120°)		
Power Source	115 VAC 60Hz 1Ph	100 VAC 50/60Hz 1Ph	220-240 VAC 50/60Hz 1Ph
Power Consumption	500 W		
Low Side Gauge	-30 inch Hg to 125 PSIG		
High Side Gauge	0 to 500 PSIG		
Filtration	41 cubic inch drier, .7 micron oil separator		
Automatic Control Valves	Motorized ball valves to control HI, LO, recover, and vacuum		
Charging Valve	12 VDC Solenoid Valve		
Construction	1" Heavy duty tubular frame construction 10" pneumatic wheels, 4" swivel casters		
Overload Protection	15A Thermal Breaker	15A Thermal Breaker	10A Thermal Breaker
High Pressure Shut-Off	30 bar (450 psig)		
Refrigerants	R134a		