

### PORTABLE HIGH VACUUM CHARGING STATIONS (RECOVERY with external Unit - not included)

These new *Coale*® Portable Vacuum/Charging Stations are designed as the ideal service aid for Appliance repair shops (Freezers, Refrigerators, RAC Room/Window Air Conditioner, Split-Systems, etc.). They are also used by some servicemen to make home repair/installation calls. Utilizing two-stage high vacuum pump, one Electronic Charging Scale, one of the "Universal" support along with the necessary manifold with 1/4" Male SAE Flare w/Valve Cores ports for interchangeable gauges, adapters, separate color coded hoses, etc., these units require only one hookup for testing, evacuating / dehydrating and accurate charging of Air Conditioning and Refrigeration systems.

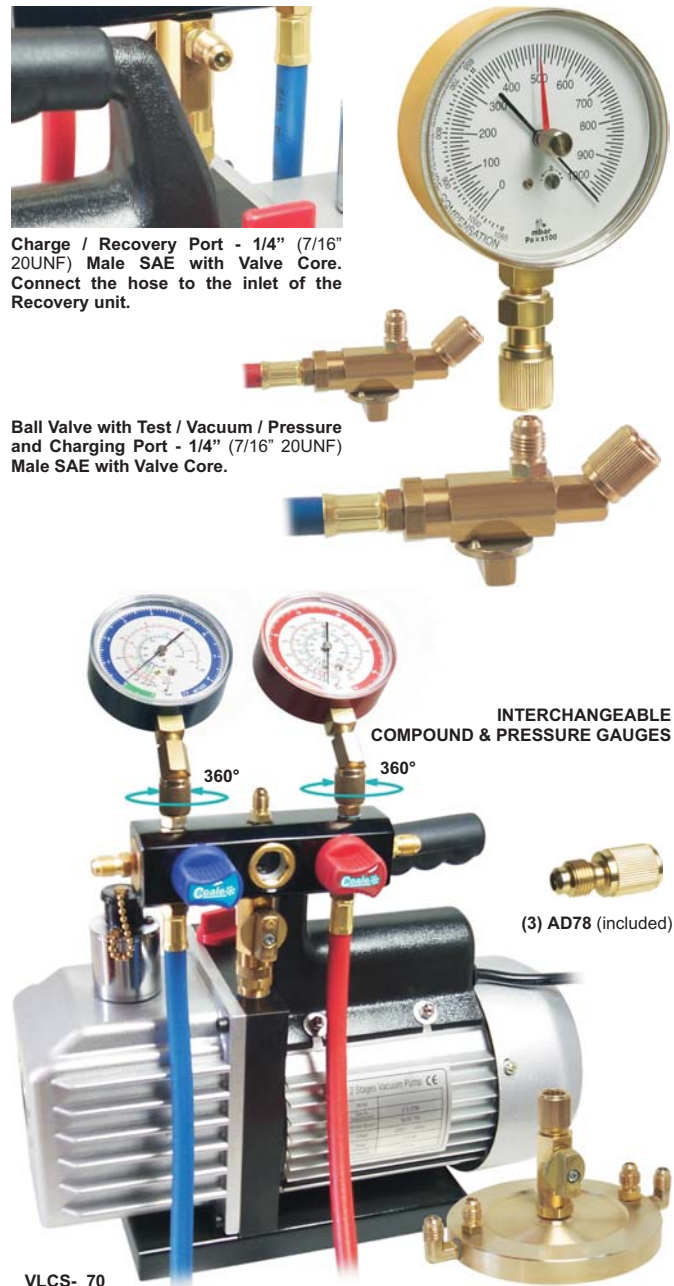
- For systems up to 60.000 Btu/h (17,6 Kw);
- For all CFC, HCFC, HFC refrigerants including **R12, R22, R502 / R134a, R404a, R407c, R507 / R410a** (AZ20, Puron®...), **R744** (CO<sub>2</sub>);
- Compact - Lightweight. It's easy to get the VLCS in and out of truck, up a ladder and over the edge of a roof;
- Aluminum Manifold bar with front color coded soft grip rubber handwheels (full open in 1/4 turn). Easy to read Sight Glass. Two 1/4" (7/16" 20UNF) Male SAE Flare ports with Valve Core are located on upper side for interchangeable Compound - Pressure - Vacuum gauges;
- Compound & Pressure Gauges Ø 80 mm. (3-1/8") Class 1.6 for R134a, R404a, R407c, R507 / R410a with 45° ell 1/4" (7/16" 20UNF) Female SAE Swivel nut with Depressor & Gasket - 360° free rotation (Accessories #RGNL-45E4, #RGNH-45E4 for R12, R22, and R502);
- Vacuum Gauge Ø 80 mm. (3-1/8") 1.000 ÷ 0 mBar with 1/4" (7/16" 20UNF) Female SAE Flare Swivel nut with Depressor and Gasket;
- Vacuum ball valve assembly. Give service technicians maximum control during recovery, evacuation and charging procedure. Installed directly to the vacuum pump, they connect the pump and manifold. One additional 1/4" (7/16" 20UNF) Male SAE Flare port with Valve Core for connections to Charging Support and Recovery Unit;
- Two 1/4" (7/16" 20UNF) Male SAE Flare hose holder;
- Premium hoses (Blue - Low Side and Red - High Side) 1,5 m. (60") length - 55 Bar (800 Psi) Working Pressure / 277 Bar (4000 Psi) Burst Pressure. One end with Shut-Off Ball Valve 45° Ell 5/16" (1/2" 20UNF) Female SAE Flare Swivel nut with Depressor and Gasket;
- Two-stage *Coale*® vaC high vacuum pump with anti-suckback oil valve. 1/4 and 1/3 HP motors (1425 RPM 230V-1ph-50Hz) with start capacitor, thermal overload protection, and ON-OFF switch. (4) Rubber feets;
- Vacuum Pump Oil 0,25 l. (8 oz.) in Plastic Bottle;
- (3) R410a Adapters 1/4" (7/16" 20UNF) Female SAE Flare with Depressor and Gasket x 5/16" (1/2" 20UNF) Male SAE Flare with Valve Core;
- Universal support for disposable can (3) 1/4" (7/16" 20UNF) Male SAE with Valve Core + (1) 5/16" (1/2" 20UNF) Male SAE with Valve Core + Ball Valve w/5/16" (1/2" 20UNF) Female SAE swivel Nut w/Depressor;
- Capillary Polyamide charging hose 1,5 m. (60") length w/90° Ell 1/4" (7/16" 20UNF) Female SAE swivel nut w/Depressor x 1/4" (7/16" 20UNF) Female SAE swivel nut w/Depressor;
- Electronic Charging/Recovery Scale - Capacity 80,000 Kg. (176 0,0 Lbs.) Resolution ±10 gr. / 0,02 Lbs / 0,25 oz

**Dimensions** : 315 x 142 x 380 (h) mm. (VLCS- 35);

336 x 145 x 395 (h) mm. (VLCS- 70);

**Weights** : 13,0 Kg. (VLCS- 35) - 15,86 Kg. (VLCS- 70).

See Page 44, and 44a for Recovery Units.



Charge / Recovery Port - 1/4" (7/16" 20UNF) Male SAE with Valve Core. Connect the hose to the inlet of the Recovery unit.

Ball Valve with Test / Vacuum / Pressure and Charging Port - 1/4" (7/16" 20UNF) Male SAE with Valve Core.

INTERCHANGEABLE COMPOUND & PRESSURE GAUGES

(3) AD78 (included)

VLCS- 70

Model	Description
VLCS- 35	"Universal" Portable Vacuum & Charging Station 35 l/1' (2,1 m <sup>3</sup> /h - 1,25 CFM) 220V-1ph-50Hz. Vacuum, Compound, and Pressure gauges - (2) Blue & Red Charging hoses 5/16" FFL 1,5 m. (60") - (1) Polyamide charging hose 1/4" - 1,5 m. (60") - Electronic Charging Scale 80,000 Kg. / 180 Lbs. - Universal can support - (3) R410a Adapters. Refrigerants R134a, R404a, R407c, R507 / R410a, R744 (CO <sub>2</sub> )...
VLCS- 70	As above, 70 l/1' (4,2 m <sup>3</sup> /h - 2,50 CFM).
<b>Accessories</b>	
RGNL-45E4	Compound Gauge Ø 80 mm. Class 1.6 Pulse Free 45° Ell 1/4" Female SAE Swivel Nut with Depressor. <b>R12, R22, R502</b> Temperature/Pressure Scale °C/Bar. <b>Blue</b>
RGNH-45E4	As above Pressure Gauge Ø 80 mm. Cl. 1.6 Pulse Free <b>R12, R22, R502</b> °C/Bar. <b>Red</b> .