



A/C Refrigeration & Maintenance



# Refrigerant Recovery Unit ECO-2020™



## Features & Benefits:

- ★ Powerful 2-cylinder (1 hp), oilless air-cooled compressor provides quiet-running performance
- ★ Faster recovery rates! 6.35 lbs./min. liquid and 0.55 lbs./min. vapor (R22 / AHRI 740 ratings)
- ★ Compatible with all Category III, IV and V refrigerants, including R410a liquid and vapor (AHRI 740 defined)\*
- ★ Integrated purge function minimizes the risk of cross contamination and loss of refrigerant
- Compact, lightweight design with easy-carry shoulder strap
- Durable condenser provides better heat dispersion on hot days: important for R410a
- Single knob operation and easy-to-read indicators for vacuum, 80% shut-off, high pressure and more.



The ECO-2020™ has earned the trusted AHRI Performance Certified™ seal, an assurance of the product's performance in accordance with AHRI Standard 740.

## Powerful Refrigerant Recovery In A Compact Design

The ECO-2020™ is a compact, high-quality refrigerant recovery machine capable of handling the toughest demands from residential and light-commercial contractors. Its powerful fan-cooled, oilless compressor will pump refrigerants at a quick pace while preventing pollutants from escaping into the environment.

This newly designed unit easily recovers all CFC, HFC and HCFC non-flammable refrigerants, including R410a (Puron™) and includes an easily replaceable in-line filter to prevent contaminants from entering the machine. It features high/low pressure shut-off, simple single-knob operation, an optional 80% tank overfill/shut-off function and an innovative purge system that prevents cross contamination of refrigerants without changing a hose. The lightweight portable design makes it easy to transport while its durable case provides added protection to gauges and connections against the rigors of daily use. The ECO-2020™ is designed to efficiently maximize recovery of costly refrigerants and save you money with each use.

\*Not for use with R11, R113 or R123

## ECO-2020™ Technical Specifications



The all-new ECO-2020™ is one of the fastest and most efficient AHRI-certified refrigerant recovery units on the market. With simple to use single-knob operation and easy-to-read gauges and LED indicators for vacuum, high pressure, 80% shut-off\* and more, it's a valuable, cost-saving tool for residential and light-commercial contractors.

\* available option

<b>Refrigerants</b>	
<b>Category III:</b>	R12, R134a, R401c, R406a, R500
<b>Category IV:</b>	R22, R401a, R401b, R402b, R407c, R407d, R408a, R409a, R411a, R411b, R412a, R502, R509
<b>Category V:</b>	R402a, R404a, R407a, R407b, R410a, R507
<b>Compressor Type:</b>	2-Cylinder, Oilless, Air-cooled
<b>Motor:</b>	1HP, 1,450 RPM @ 50Hz; 1,750 RPM @ 60Hz
<b>Vacuum Rating:</b>	15" Hg+
<b>High Pressure Shut-Off:</b>	558 PSI (38.5 bar; 3,850 kPa)
<b>Low Pressure Shut-Off:</b>	≥14 ±2 Hg
<b>Auto 80% Tank Shut-Off:</b>	Yes, optional feature
<b>R410a Recovery Rates:</b>	Vapor Recovery Rate: 0.55 lbs./min. (0.25 kg/min.) Liquid Recovery Rate: 5.71 lbs./min. (2.59 kg/min.) Liquid Push / Pull: 15.85 lbs./min. (7.19 kg/min.)
<b>R134a Recovery Rates:</b>	Vapor Recovery Rate: 0.46 lbs./min. (0.21 kg/min.) Liquid Recovery Rate: 4.52 lbs./min. (2.05 kg/min.) Liquid Push / Pull: 10.89 lbs./min. (4.94 kg/min.)
<b>R22 Recovery Rates:</b>	Vapor Recovery Rate: 0.55 lbs./min. (0.25 kg/min.) Liquid Recovery Rate: 6.35 lbs./min. (2.88 kg/min.) Liquid Push / Pull: 11.40 lbs./min. (5.17 kg/min.)
<b>Operating Temperature:</b>	32° to 104° F (0° to 40° C)
<b>Power Supply:</b>	110-120 VAC, 60Hz 10 A; 220-240 VAC, 50/60Hz, 5 A; 100 VAC, 50/60Hz, 10 A
<b>Dimensions:</b>	16.125" x 10.25" x 13.75" (410 x 260 x 350mm)
<b>Weight:</b>	28.5 lbs. (12.9 kg)
<b>Approvals:</b>	CE, Recovery rates per AHRI 740
<b>Warranty:</b>	12-month on unit

## ECO-2020™ Ordering Information

<b>2020-8000</b>	ECO-2020™ Domestic 110-120V, 60Hz, North American power cord
<b>2020-8001</b>	ECO-2020™ Domestic 110-120V, 60Hz w/80% shut-off, N. American power cord
<b>2020-8002</b>	ECO-2020™ Euro. 220-240V, 50-60Hz with CEE 7/7 and BS1363 power cords
<b>2020-8003</b>	ECO-2020™ Euro. 220-240V, 50-60Hz w/80% shut-off, CEE 7/7 and BS1363 power cords
<b>2020-8004</b>	ECO-2020™ Aus./China 220-240V, 50-60Hz with AS 3112 and BS546 power cords
<b>2020-8005</b>	ECO-2020™ Aus./China 220-240V, 50-60Hz w/80% shut-off, AS 3112 and BS546 power cords
<b>2020-8006</b>	ECO-2020™ 220-240V, 50-60Hz, no power cord
<b>2020-8007</b>	ECO-2020™ 220-240V, 50-60Hz, with 80% shut-off, no power cords
<b>2020-0004</b>	ECO-2020™ Optional 80% shut-off cord

This equipment has been certified by AHRI to meet the EPA's minimum requirements for recovery equipment as defined in AHRI Standard 740-1998. For refrigerant recovery rates, refer to AHRI's Certified Refrigerant Recovery/ Recycling Equipment Directory located at the following web URL: [www.ahridirectory.org/ahridirectory/pages/rrr/RRREDirectory.pdf](http://www.ahridirectory.org/ahridirectory/pages/rrr/RRREDirectory.pdf)

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