

# ECO-2020™ Refrigerant Recovery Unit



Refrigerant Recovery Unit for A/C Maintenance



## DESCRIPTION

MSA Bacharach's ECO-2020™ is a powerful twin-cylinder refrigerant recovery unit capable of handling the toughest demands from residential and light-commercial contractors and their applications. Powered by a 1 HP oil-less compressor, the ECO-2020™ quickly, quietly and effortlessly recovers virtually any refrigerant, saving you time and money.

The ECO-2020™ recovers all non-flammable CFC, HFC and HCFC refrigerants and is certified by AHRI to standard 740 as the fastest unit in its class. The instrument is covered by a 1 year over-the-counter warranty.

## Features

Powerful, quiet-running 1 HP compressor

Simple one-knob, three step operation

Evacuate a typical residential system in under 5 minutes

Built-in printer for instant traceability and record-keeping

Part Number	Description
2020-8000	ECO-2020™ 110-120 VAC/60 Hz with N. American power cord
2020-8001	ECO-2020™ 110-120 VAC/60 Hz with 80% shut-off and N. American power cords

**All Kits Include:** ECO-2020™ unit (input voltage per ordering information above), power cord(s) (6 ft. / 1.8 m long, plug types depend on the kit), inline particulate/drier filter, 4 in. / 10.2 cm hose for use between filter and inlet, shoulder strap, extra inlet filter screen & O-ring, instruction manual.

## Accessories & Parts

Part Number	Description
2020-0004	Optional 80% shut-off cord
2020-0001	Inline filter / drier
2002-0001	QV2 vacuum pump
2002-0005	QV5 vacuum pump
2034-0071	50 lb. (22.7 kg) refrigerant recovery cylinder with float switch
2034-0150	30 lb. (13.6 kg) refrigerant recovery cylinder with float switch

# ECO-2020 Refrigerant Recovery Unit



Product Attributes	Description
<b>COMPATIBLE REFRIGERANTS (PER AHRI STANDARD 740-98)</b> <sup>[1][2]</sup>	Category III: R-12, R-134a, R-401C, R-406A, R-500 Category IV: R-22, R-401A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509 Category V: R-402A, R-404A, R-407A, R-407B, R-410A, R-507
<b>RECOVERY RATES (VAPOR/LIQUID/PUSH-PULL)</b>	R-22: 0.55/6.35/11.40 lbs/min (0.25/2.88/5.17 kg/min) R-134a: 0.46/4.52/10.89 lbs/min (0.21/2.05/4.94 kg/min) R-410a: 0.55/5.71/15.85 lbs/min (0.25/2.59/7.19 kg/min)
<b>COMPRESSOR</b>	2-cylinder, oil-less, air-cooled
<b>MOTOR</b>	1 HP (AC motor)
<b>CONVENIENCE FEATURES</b>	<ul style="list-style-type: none"> <li>• Single operation knob</li> <li>• Recovery complete shut-off</li> <li>• Self-purge feature</li> <li>• Inlet/outlet gauge “keep-out” areas</li> <li>• Built-in inlet filter / debris screen</li> </ul>
<b>SAFETY FEATURES</b>	<ul style="list-style-type: none"> <li>• 80% shut-off (optional)</li> <li>• High-pressure shut-off</li> <li>• Circuit breaker</li> </ul>
<b>DISPLAY</b>	3 status LEDs (complete, high pressure and 80% OFP)
<b>VACUUM RATING</b>	15+ inHg
<b>HIGH PRESSURE SHUT-OFF</b>	558 psi (38.5 bar)
<b>LOW PRESSURE SHUT-OFF</b>	≥ 14 ± 2 inHg
<b>POWER</b>	110-120 VAC/60Hz
<b>DIMENSIONS</b>	16.1 x 10.3 x 13.8 in. (41.0 x 26.0 x 35.0 cm)
<b>WEIGHT</b>	28.5 lbs (12.9 kg)
<b>OPERATING CONDITIONS</b>	32 to 104 °F (0 to 40 °C), 0 to 95% RH (non-condensing), 1 ATM ± 10%
<b>APPROVALS</b>	CE mark, recovery rates per AHRI 740-98
<b>WARRANTY</b>	1 year (over-the-counter)

<sup>[1]</sup> The ECO-2020™ is also compatible with other non-flammable refrigerants not listed above. Consult manual for details.

<sup>[2]</sup> Never use the ECO-2020™ to pump anything flammable, explosive or corrosive. Consult manual for details.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://us.msasafety.com/offices).