



## ECO-3-A2L

**Item Number 4688854**

The two-stage vacuum pumps of the ECO series are suitable for all common refrigerants including A2L. They feature a compact aluminum housing with a sturdy handle. The high pumping capacity reduces evacuation time significantly, yet they operate very quietly.

An integrated solenoid valve prevents the loss of the already generated vacuum in case of accidental shutdown.

Additionally, the pumps come equipped with 1/4" and 3/8" SAE flare Intake port, allowing for flexible hose selection and compatibility with various systems. Moreover, they are easy to operate and maintenance-friendly.

- **A2L suitable**
- Integrated solenoid valve prevents vacuum loss during accidental shutdowns
- Easy to start
- Free air displacement 84 l/min
- Compact design with aluminium housing and easy to grip carrying handle
- Very quiet operation
- High pumping capacity reduces evacuation time
- Both 1/4" and 3/8" SAE flare inlet connections allow for flexibility of connections
- Vacuum pump oil included

## Technical Data

<b>Material</b>	Plastics   Steel
<b>Colour</b>	green (RAL 6026)   grey (RAL 7040)
<b>RoHS Conformity</b>	Yes
<b>Gas Connection</b>	1/4" SAE   3/8" SAE
<b>Flow Rate</b>	84 l/min
<b>End Vacuum</b>	15 micron

<b>Voltage</b>	230V
<b>Frequency</b>	50Hz/60Hz
<b>Protection Class</b>	I
<b>Oil Tank Volume</b>	250 ml
<b>Energy Consumption</b>	0.25 kW
<b>Scope of Supply</b>	Vacuum pump oil
<b>Packaging</b>	Cardboard box
<b>Number of Stages</b>	2

## Accessories

4688291	REFVAC-RC	Wireless digital vacuum gauge connection 1/4"SAE male, Units: Micron, mbar, Pa, Torr, mTorr, psi and inHg
4663981	RL-VAC	Vacuum gauge set 1/4" SAE with ball valve for vacuum pumps
9882473	19800-SV	Vacuum gauge, ø 80 mm, 1/8" NPT with safety valve, recalibratable, scale: 1'000 - 0 mbar
9882474	19801	Vacuum gauge, ø 100 mm, 1/2" G with safety valve class: 1.0, adjustable, scale: 1'000 - 0 mbar, with marking pointer
9882476	19621	Absolute vacuum gauge, ø 100 mm, 1/2" G incl. adapter 1/4" SAE, class: 1.6, scale: 150 - 0 mbar, with overpressure protection
4688477	VCL-60-3/8"SAEx1/4"SAE	Vacuum hose 3/8" SAE x 1/4" SAE, 60"/150cm
4688820	VCL-60-1/4"SAEx1/4"SAE	Vacuum hose 1/4" SAE x 1/4" SAE, 60"/150cm
4687411	HCL6-60-Y-N-3/8x1/4	Special suction and charging hose, yellow, 60"/150cm Inner diameter: 9.5mm (3/8"), connections: 3/8" SAE + 1/4" SAE, without core depressor, with neoprene gaskets
4687412	HCL6-60-Y-N-1/4x1/4	Special suction and charging hose, yellow, 60"/150cm Inner diameter: 9.5mm (3/8"), connections: 2 x 1/4" SAE, without core depressor, with neoprene gaskets
4495340	DV-44	Vacuum pump oil, 250ml viscosity 46 mm <sup>2</sup> /s at 40 °C
4495323	DV-46-Y	Vacuum pump oil, 1l viscosity 46 mm <sup>2</sup> /s at 40 °C

*Acknowledged globally*



4495331	DV-48	Vacuum pump oil, 5l viscosity 46 mm <sup>2</sup> /s at 40 °C
4503376	P-17-S-0,25	Esteroil for vacuum pumps, 250ml viscosity 30.7 mm <sup>2</sup> /s at 40°C
4503384	P-17-S-1	Ester oil for vacuum pumps, 1l viscosity 30.7 mm <sup>2</sup> /s at 40°C