



## ECO-2-A2L-e

### Item Number 4689076

The two-stage rechargeable battery vacuum pump ECO-2-A2L-e is perfect for use in hard-to-reach areas without a power connection. An integrated solenoid valve prevents the loss of the already generated vacuum in case of accidental shutdown.

Weighing only 3.2 kg and featuring compact dimensions, it is ideal for mobile use. The pump is compatible with all common refrigerants, including A2L. The vacuum pump is supplied without a battery but includes an adapter for an 18V battery from a renowned European manufacturer of high-quality battery tools.

The robust aluminum housing and sturdy handle ensure durability and easy handling. The high pumping capacity shortens evacuation time, while the operation remains very quiet.

Equipped with a 1/4" SAE intake port, the pump is easy to use and maintain.

- Suitable for A2L refrigerants
- Integrated solenoid valve prevents vacuum loss during accidental shutdowns
- Performance: 57 l/min
- Supplied with an adapter for using an 18V battery from a renowned European manufacturer of high-quality battery tools (battery not included)
- Includes vacuum pump oil
- Compact aluminium housing with a sturdy handle, dimensions: 225 × 105 × 195 mm
- Lightweight at only 3.2 kg

## Technical Data

|           |                               |
|-----------|-------------------------------|
| Material  | Steel   Plastics              |
| Colour    | green   grey   black          |
| Standards | CE<br>EN 60204-1<br>EN 1012-2 |

|                                    |                                                 |
|------------------------------------|-------------------------------------------------|
|                                    | EN 55014-1<br>EN 55014-2                        |
| <b>RoHS Conformity</b>             | Yes                                             |
| <b>Gas Connection</b>              | 1/4" SAE                                        |
| <b>Operating Temperature Range</b> | -1 °C – 40 °C                                   |
| <b>Storage Temperature Range</b>   | -10 °C – 50 °C                                  |
| <b>Flow Rate</b>                   | 57 l/min                                        |
| <b>End Vacuum</b>                  | 15 micron                                       |
| <b>Frequency</b>                   | 50Hz/60Hz                                       |
| <b>Protection Class</b>            | III                                             |
| <b>Ingression Protection</b>       | IP20                                            |
| <b>Oil Tank Volume</b>             | 160 ml                                          |
| <b>Energy Consumption</b>          | 0.17 HP                                         |
| <b>Scope of Supply</b>             | Battery Adapter   Vacuum pump oil   Quick Guide |
| <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 |
| 4688820 | VCL-60-1/4"SAEx1/4"SAE | Vacuum hose 1/4" SAE x 1/4" SAE, 60"/150cm                                                                                    |
| 4687412 | HCL6-60-Y-N-           | Special suction and charging hose, yellow, 60"/150cm Inner                                                                    |

*Acknowledged globally*



|         |             |                                                                                                  |
|---------|-------------|--------------------------------------------------------------------------------------------------|
|         | 1/4x1/4     | 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                                  |
| 4495366 | DV-46       | Vacuum pump oil, 1l viscosity 46 mm <sup>2</sup> /s at 40 °C                                     |
| 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                         |