

# VACUUM PUMP SYSTEMS

## LABOBASE® SBC 840.40 AND SBC 860.40

DATA SHEET E 294



### Technical features

- For up to ten users
- Fully-automated vacuum generation system comprising chemically resistant diaphragm vacuum pump, base plate, high-performance condenser, separator, vacuum control device, valves and control unit
- Vacuum supply point with regulated tapping
- Simple connection to the line power (power plug) and to the pneumatic system
- Environmentally friendly
- Chemically resistant

### Technical data

|                                           | SBC 840.40 | SBC 860.40 |
|-------------------------------------------|------------|------------|
| Flow rate [m³/h] at atm. pressure         | 2.04       | 3.6        |
| Flow rate [l/min] at atm. pressure        | 34         | 60         |
| Ultimate vacuum [mbar abs.]               | 10         | 4          |
| Operating pressure [bar]                  | 1          | 1          |
| Voltage [V]                               | 230        | 230        |
| Frequencies [Hz]                          | 50         | 50         |
| Motor protection                          | IP 44      | IP 54      |
| Power P <sub>1</sub> [W]                  | 245        | 220        |
| Operating current [A]                     | 1.5        | 1.6        |
| With overcurrent protection and main fuse |            |            |

### MATERIALS

|           |             |
|-----------|-------------|
| Pump head | PTFE        |
| Diaphragm | PTFE-coated |
| Valves    | FFPM        |

### OTHER DATA

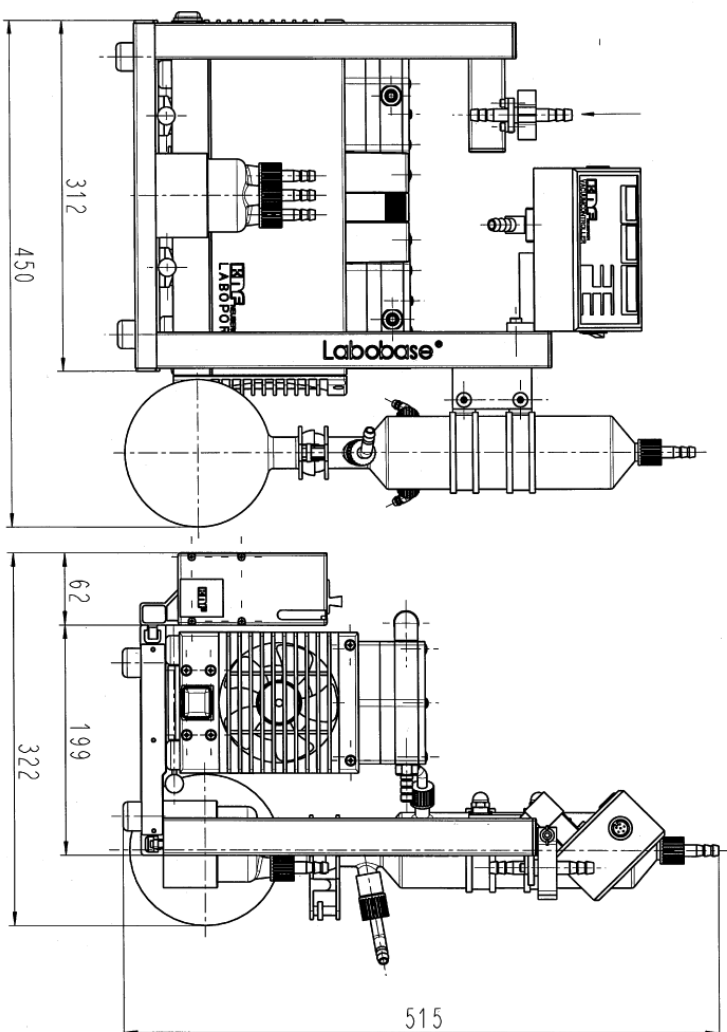
|                                                | SBC 840.40      | SBC 860.40      |
|------------------------------------------------|-----------------|-----------------|
| Total weight [kg]                              | 22.9            | 25.3            |
| Hose connections                               | ID 10           | ID 10           |
| Dimensions W x H x D [mm]                      | 450 x 515 x 322 | 314 x 552 x 437 |
| Permissible media and ambient temperature [°C] | +5 ... +40      | +5 ... +40      |

### ACCESSORIES

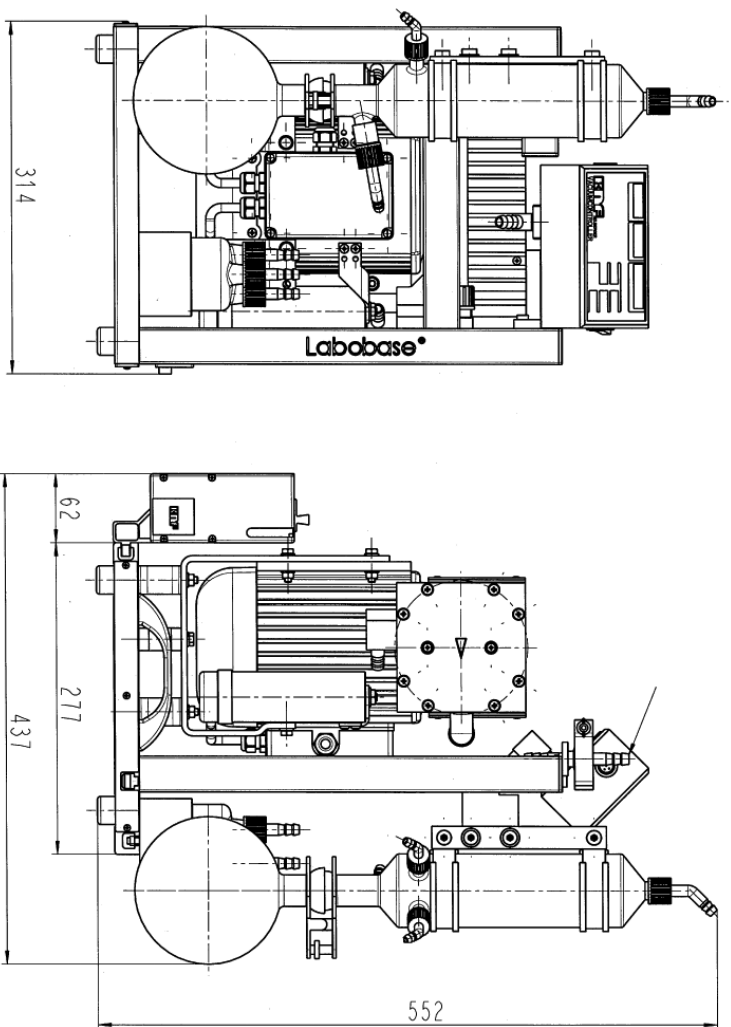
| ACCESSORIES                                                                       | ID               |
|-----------------------------------------------------------------------------------|------------------|
| Coolant valve – G 1/2, ID 8                                                       | 045075           |
| Gas washing bottle 0.5 l                                                          | 045886           |
| Non-return valve – unregulated, for fume hoods (PE-HD)                            | 118366<br>118364 |
| Vacuum supply point – unregulated, for installation in laboratory equipment (PPS) | 118362           |
| Mobile controller unit for regulated vacuum supply (chemically-resistant)         | 048459           |

## Dimensions

SBC 840.40



SBC 860.40



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