

KNF Vacuum Pumps LABOPORT®, Type N 820 G / N 840 G, KNF Neuberger



WWKVG018



Diaphragm vacuum pumps LABOPORT®, Typ N 820 G / N 840 G

The N 820 G and N 840 G feature a control knob for manual adjustments of the flow rate, making them well suited to a wide variety of applications. Thanks to the integrated rotational speed control, the pumps are quiet, very energy efficient, and can be optimally adjusted in accordance with the application.

The chemically resistant diaphragm pumps impress with their very small footprint and save valuable space in the laboratory. The next generation of LABOPORT® pumps are equipped with an easy-to-clean surface.

Potential applications include rotary evaporation, distillation, gel drying, degassing, filtration.

- Flow rate of up to 2.04 m³/h
- Adjustable thanks to integrated rotational speed control
- Ultimate vacuum of 6 mbar abs
- Combination of TFM™ PTFE pump head and PTFE-coated diaphragm makes the pumps ideal for working with extremely aggressive/corrosive gases and vapors
- High level of compatibility with vapor and condensation
- Integrated gas ballast valve
- 3-color status display: In operation / Stand-by / Error
- Expandable: Separators and/or condensers can be purchased and easily fitted.
- ATEX-compliant in accordance with II 2/-G IIB+H2 T3 internal atmosphere only
- 100% oil-free transfer to ensure uncontaminated transfer, evacuation and compression

Tip: When combined with the VC 900 vacuum control unit and a control cable, the rotational speed is controlled in accordance with the requirements of the process. Can also be combined with all common vacuum controllers with valve control.

Technical data:

Hose connections:	ID 9.5-8, PVDF
Permissible media and ambient temperature:	+5 to +40
Material pump head:	TFM™ PTFE
Material diaphragm:	PTFE-coated
Material valves:	FFPM
Dimensions (W×H×D):	N 820 G 163 × 220 × 259 mm N 840 G 177 × 240 × 289 mm

Type	Flow rate ¹⁾ m ³ /h	Ultimate vacuum abs. mbar	Over- pressure bar	Weight kg	Order No.
① N 820 G	1.2	6.0	0.1	8.8	10 62 73452
② N 840 G	2.04	6.0	0.1	11.3	10 62 75994

Accessories

Article	Order No.
N 820 G spare part set	10 62 77435
N 840 G spare part set	10 62 77436
Tube connector	10 62 77278

