

KNF Laboport® Type N 820 G/840 G Vacuum Pumps



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, use by vacuum ovens and vacuum concentrators.

- Adjustable flow rate of up to 2.04 m³/hr
- Ultimate vacuum of 6 mbar (abs)
- These pumps ideal for working with extremely aggressive/corrosive gases and vapours
- Integrated gas ballast valve
- 3 colour status display for in operation/standby/error
- 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



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YEARS



Code	Alt Ref	Model	Delivery, L/min	Ultimate Vacuum, mbar	Dims, w x d x h, mm	Price
PUM1138	317121/313452	N 820 G	20	6	163 x 259 x 220	£1586.00
PUM1140	317123/315994	N 840 G	34	6	177 x 289 x 240	£1745.00

KNF Laboport® SR 820 G/840 G Vacuum Pump Systems



Chemically-resistant vacuum pump system comprising chemically resistant diaphragm vacuum pump, base plate and two separator flasks on suction and pressure side. Based on the high level of vapour and condensate compatibility the system is perfectly suited for extremely aggressive/corrosive gases and vapours.

- Integrated gas ballast valve
- Integrated rotational speed control
- 3 colour status display for in operation/standby/error
- Compact, quiet and reliable
- Start against ultimate vacuum of the pump
- Max ultimate vacuum: 6 mbar (abs)
- Max pressure: 0.1 bar (rel)



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NEW

Code	Alt Ref	Model	Max Flow Rate, L/min	Weight, kg	Price
PUM1182	325236/313452	SR 820 G	20	10.7	£2038.00
PUM1186	325240/315994	SR 840 G	34	13.1	£2356.00

KNF Laboport® SH 820 G/840 G Vacuum Pump Systems



Chemically-resistant vacuum pump systems comprising chemically resistant diaphragm vacuum pump, base plate, separator on suction side and high performance condenser on pressure side. Based on the high level of vapor and condensate compatibility the system is perfectly suited for extremely aggressive/corrosive gases and vapours.

- Integrated gas ballast valve
- Integrated rotational speed control
- 3 colour status display for in operation/stand-by/error
- Compact, quiet and reliable
- Inlet separator and outlet condenser for excellent solvent recovery
- Start against ultimate vacuum of the pump
- Max ultimate vacuum: 6 mbar (abs.)
- Max pressure: 0.1 bar (rel.)



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NEW

Code	Alt Ref	Model	Max Flow Rate, L/min	Weight, kg	Price
PUM1180	325234/313452	SH 820 G	20	11.7	£2362.00
PUM1184	325238/315994	SH 840 G	34	14.1	£2669.00