

Diaphragm Pumps, KNF Neuberger

Diaphragm vacuum pumps and compressors

Practical aids in the laboratory.

Diaphragm pumps are quiet, maintenance-free, gas-tight and environmentally friendly. They transfer the media uncontaminated. Their operation ensures constant vacuum. Connection to laboratory equipment and handling of these pumps is simplicity itself. Our line includes versions for normal operation with pump heads made of plastic or aluminium and a neoprene diaphragm. When aggressive media are used, versions with a PTFE-coated diaphragm are available.

KN = Plastic pump head with neoprene diaphragm

AN = Aluminium pump head with neoprene diaphragm

KT = Plastic pump head with PTFE-coated diaphragm

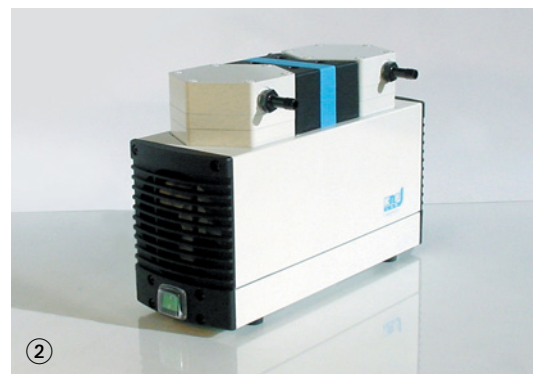
AT = Aluminium pump head with PTFE-coated diaphragm

Type	Flow rate ¹⁾ l/min	Vacuum abs. mbar	Over- pressure bar	Weight kg	Accessories No.	Order No.
① N 86 KT.18 ²⁾	6	160	2.5	1.90	1/2	56 62 10110
① N 811 KT.18 ²⁾	11.5	290	2	2.50	1/2	56 62 10122
① N 816.3 KT.18	16	20	0.5	3.95	1	56 62 10130
② N 820 AN.18 ²⁾	22	100	1	7.10	14	56 62 10142
② N 820 AT.18 ²⁾	20	100	1	7.10	14	56 62 10144
① N 816.1.2 KT.18	30	160	0.5	3.95	-	56 62 10146
③ N 022 AN.18 ²⁾	15	100	4	4.00	2/4/7/8	56 62 20200
② N 820.3 AT.18 ³⁾	20	8	1	9.30	14	56 62 10140
③ N 026.3 AN.18 ²⁾	22	20	-	5.80	3/11	56 62 20400
③ N 035.3 AN.18 ²⁾	30	13	-	11.30	3/13	56 62 30350
③ N 035 AN.18 ²⁾	30	100	4	8.20	3/5/12/13	56 62 30150
③ N 145 AN.18 ³⁾	30	100	7	12.00	3/5/6/10/13	56 62 10150
③ N 026.1.2 AN.18 ²⁾	39	100	2	5.80	3/15/9/11	56 62 20300
③ N 035.1.2 AN.18 ²⁾	55	100	4	11.30	3/5/12/13	56 62 30250
③ N 145.1.2 AN.18 ³⁾	55	100	7	15.00	3/5/6/10/13	56 62 10160

¹⁾ liters at STP ²⁾ motor: 1-230 V 50 HZ, IP 20 ³⁾ motor: 1-230 V 50 HZ, IP 44

Accessories

Article	Type	Accessories No.	Order No.
Silencer	000345	1	56 62 20406
Suction filter	000346	2	56 62 20405
Suction filter/silencer	000352	3	56 62 20415
Silencer	007007	14	56 62 20416
Overpressure valve 4 bar	000351	4	56 62 20440
Overpressure valve 2 bar	003074	15	56 62 20441
Overpressure valve 4 bar	047601	5	56 62 20443
Overpressure valve 7 bar	047602	6	56 62 20442
Fine control valve with pressure gauge	000349	7	56 62 20420
Fine control valve with vacuum gauge	000350	8	56 62 20421
Fine control valve with pressure gauge	011867	9	56 62 20422
Fine control valve with pressure gauge	000356	10	56 62 20424
Fine control valve with vacuum gauge	011868	11	56 62 20423
Fine control valve with pressure gauge	000482	12	56 62 30220
Fine control valve with vacuum gauge	000354	13	56 62 30230



LABOPORT® diaphragm vacuum pumps

Chemically resistant vacuum pumps - for universal applications.

Designed for universal application in the laboratory LABOPORT® vacuum pumps are a complete replacement for environmentally unsound water jet pumps.

Since LABOPORT® vacuum pumps do not depend on the water connections, they can always be used right where they are needed. They transfer the media uncontaminated, are gas-tight and ensure a constant vacuum while making very little noise. The parts of the pump head coming into contact with gas are made of PTFE and FFPM for chemical resistance.

Motor protection: 1-230 V 50 HZ, IP 44

Type	Flow rate ¹⁾ l/min	Vacuum abs. mbar	Over- pressure bar	Weight kg	Accesso- ries No.	Order No.
④ N 810 FT.18	10	100	1	5.9	1	56 62 40110
④ N 820 FT.18	20	100	1	7.1	2	56 62 40120
④ N 840 FT.18	34	100	1	10.3	2	56 62 40140
⑤ N 810.3 FT.18	10	8	1	6.9	1	56 62 40210
⑤ N 820.3 FT.18	20	8	1	9.3	2	56 62 40220
⑤ N 840.3 FT.18	34	8	1	12.6	2	56 62 40240
⑤ N 840.1.2 FT.18	60	90	1	12.6	2	56 62 40250
⑤ N 842.3 FT.18	34	2	1	13.4	2	56 62 40260

¹⁾ liters at STP

Accessories

Type	Note	Accessories No.	Order No.
NG 810	Gas ballast	1	56 62 40310
NG 820/840	Gas ballast	2	56 62 40320

