



PU/4550

Mini Diaphragm Vacuum Pumps and Compressors



Small portable diaphragm pumps, ideal for general use around the laboratory and educational establishments

- Vacuum down to 15 mbar
- Flow rate 5.5 to 30 l/min
- Compact and portable
- For slightly aggressive or corrosive gasses and vapours
- Maintenance Free
- Easy operation

Technical Specifications

Model	N86 KT.18	N811 KT.18	N816.3 KT.18	N938.50 KT18	N816.1.2 KT.18
Flow Rate (litres/min)	5.5	11.5	16	30	30
Ultimate Vacuum (mBar abs)	160	290	20	15	160
Pressure (bar g)	2.5	2	0.5	0.5	0.5
Dimensions L x H x W (mm)	164x141x90	187x157x90	361x141x90	317x212x110	361x141x102
Weight, Kg	1.9	2.5	3.95	10	3.95

Cat. No.	Code	Description	Tubing size
PU/45502	N86 KT.18	Mini Diaphragm Vacuum Pump/Compressor 5.5 l/min	4 mm I.D.
PU/45504	N811 KT.18	Mini Diaphragm Vacuum Pump/Compressor 11.5 l/min	6 mm I.D.
PU/45506	N816.3 KT.18	Mini Diaphragm Vacuum Pump/Compressor 16 l/min	6 mm I.D.
PU/45512	N938.50 KT18	Mini Diaphragm Vacuum Pump/Compressor 30 l/min	10 mm I.D.
PU/45510	N816.1.2KT18	Mini Diaphragm Vacuum Pump/Compressor 30 l/min	6 mm I.D.



PU/45122

Diaphragm, Vacuum Pumps and Compressors



These diaphragm pumps are available in single or double headed versions for a wide range of laboratory applications. They transfer, compress and pump down without contamination. These pumps have an aluminium pump head, CR diaphragm and stainless steel valves.

- 100% oil-free transfer
- Pure transfer, evacuation and compression
- For use with non-aggressive media
- Maintenance-free
- Environmentally friendly

Technical Specifications

Model	N022 AN.18	N035 AN.18	N035.3 AN.18	N035.1.2 AN.18
Delivery (l/min)	15	30	30	55
Ultimate Vacuum (mbar abs)	100	100	13	100
Operating Pressure (bar g)	4	4	--	4
Connectors for tube (mm)	ID6	ID9	ID9	ID9
Voltage/Frequencies	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Motor Protection	IP20	IP20	IP20	IP20
Power	100 W	220 W	300 W	300 W
Operating current	0.75 A	1 A	1.55 A	1.55 A
Weight	4 kg	8.2 kg	11.3 kg	11.3 kg
Dimensions LxHxW (mm)	203x194x145	265x254x143	294x222x250	321x222x250

Cat. No.	Code	Description	Tubing size
PU/45122	N022AN.18	Single head diaphragm pump 15 l/min	6 mm I.D.
PU/45124	N035AN.18	Single head diaphragm pump 30 l/min	9 mm I.D.
PU/45126	N035.3AN18	Double head diaphragm pump 30 l/min	9 mm I.D.
PU/45128	N035.1.2AN18	Double head diaphragm pump 55 l/min	9 mm I.D.

Accessories

PU/45130	030305	Service kit for N022 AN.18
PU/45132	030307	Service kit for N035 AN.18
PU/45134	030315	Service kit for N035.1.2 AN.18 and N035.3AN.18
PU/45138	000350	Fine control valve & vacuum gauge for N022 AN.18
PU/45140	000349	Fine control valve & pressure gauge for N022 AN.18
PU/45142	000354	Fine control valve & vacuum gauge for N035 range
PU/45144	000482	Fine control valve & pressure gauge for N035 range
PU/45146	000346	Filter/Silencer for N022 AN.18
PU/45148	000352	Filter/Silencer for N035 range



PU/45124