

Mini Laboratory Pump with Fine Control Valve and Vacuum Gauge



- Suitable for Aspiration and Filtration
- 100% oil-free
- Fitted with fine control valve and gauge
- Optional footswitch

Technical Data

Delivery (l/min)	6
Ultimate Vacuum (mbar abs)	100
Operating Pressure (bar g)	2.4
Connectors for tube (mm)	ID 4
Permissible gas and ambient temperature	+5...+40°C
Mains	230V/50Hz
Motor Protection	IP 20
Power P ₁	65W
Operating Current	0.63 A
Weight (kg)	1.9
Dimensions LxHxW (mm)	164x141x90

With thermal switch and power fuse.

N86 KN.45.18 (085000)

N86 diaphragm pumps are single-head, dry-running devices used in a wide range of laboratory applications. They transfer, compress and pump down without contamination. The heart of these very compact pumps is a KNF structured diaphragm. This patented diaphragm was stress-optimized using the Finite Elements method. As a result, we were able to make the pumps smaller while increasing the service life of the diaphragm.

Material in contact with the pumped media

	Pump Head	Diaphragm	Valves
N86 KN.45.18	PPS	EPDM	FPM

Accessories

	Order No
Footswitch	085544
Spares Kit	043241



Media Aspiration System For Non-Hazardous Materials



2126, DS2126 Heavy Duty Vacuum Bottle

Materials:

- polypropylene
- white polypropylene closure
- TPE gasket

Our most durable NALGENE bottle. Large, thick-walled bottle with wide mouth for extra-rugged service. Polypropylene bottle and white polypropylene closure with TPE gasket provide leakproof service. Withstand application of full vacuum for 24 hours at 20°C.

NOTE: NALGENE® LDPE, HDPE, PP and PMP containers can be used for long-term storage, but direct UV exposure should be avoided.

Nom. Cap., ml	4,000
Nom. Cap., oz.	128
Closure Size, mm	83B
No. per Pkg	1
No. per Case	6

2126-4000



2162 Filling / Venting Closure

Materials:

- white polypropylene, TPE gasket, TPE port caps, NALGENE 50 platinum-cured silicone tubing

All-plastic closures for aseptic liquid transfer of media, biological reagents and chemicals to and from NALGENE carboys. Can be used with any large NALGENE carboys or bottles that accept 53-mm (53B) or 83-mm (83B) closures.* Choice of 1/2-inch (13-mm) or 1/4-inch (6-mm) I.D. tubing on 83B closure. Include two pieces NALGENE 50 platinum-cured silicone tubing, Cat. No. 8060, for drop tube and splash guard. Can be used with NALGENE Carboys with a properly set up peristaltic pump.

Cat. No.	2162-0831
Overall Height (w/o Tubing) x Dia., mm	98 x 102
Overall Height (w/o Tubing) x Dia., in.	3-7/8 x 4
Closure Size, mm	83B
Tubing I.D., in.	1/4
No. per Pkg	1
No. per Case	6



8000 Tubing

Cat. No.	I.D. x O.D. x Wall, in.	Max. Press. psig at 73°F; 23°C	Max. Press. psig at 125°F; 52°C	No. per Case
8000-0006	3/32 x 5/32 x 1/32	42	21	50



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.