



WOULFE BOTTLES PUMP ACCESSORY

- Easy, manual vacuum control
- Traps vapor/liquids to prolong pump life
- Includes bottle, control valve, and fittings

WOULFE BOTTLES

DESCRIPTION

The KNF Woulfe bottle is a combination vacuum regulator and trap. Offered in two sizes — 500 and 1,000 mL — these safety-coated bottles include a ventilation (bleed) valve for vacuum control and fittings for 3/8" ID tubing connections.

APPLICATIONS

■ **Vacuum control** – Manually control vacuum performance to match specific application requirements with a KNF Woulfe bottle. Vacuum regulation is particularly useful when a pump's flow and/or end vacuum is too high for certain applications, or when control over vacuum level is important to the success or speed of an operation.

Place a KNF Woulfe bottle between your laboratory device and KNF vacuum pump to control system pressure with the ventilation valve. Now your pump can be used in a wider variety of applications!

The most typical application for a KNF Woulfe bottle is rotary evaporation, where regulation is necessary to optimize evaporation rates. Other applications include aspiration, degassing, and filtration.

■ **Vacuum trap** – Use a KNF Woulfe bottle in applications where wet vapors and/or small amounts of liquids are transferred in a vacuum system. Place the bottle inline between laboratory device and vacuum pump to capture potentially damaging liquid, thus extending the life of your pump.

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SPECIFICATIONS

- Thick-walled Erlenmeyer flask with plastic safety coating
- Vacuum gauge with two scales (1000 – 0 mbar, 760 – 0 mm Hg)
- PVC ventilation valve for vacuum regulation
- Glass port thread: GL-18 with plastic fittings for 3/8" ID tubing
- GL-45 threaded bottle neck

Order No.	Description	Volume (mL)	Diameter (mm)
057953	Woulfe bottle, small	500	~ 100
057954	Woulfe bottle, large	1000	~ 140



KNF Woulfe bottles are ideal for use with LABOPORT® pumps.

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