

LABOPORT®

Model UN842.3FTP Deep Vacuum Pump

designed for the most challenging laboratory vacuum applications

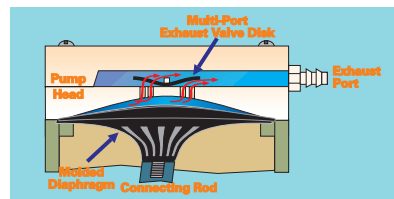
*for rotary evaporation, solid phase extraction, gel drying,
vacuum concentration and vacuum drying ovens*



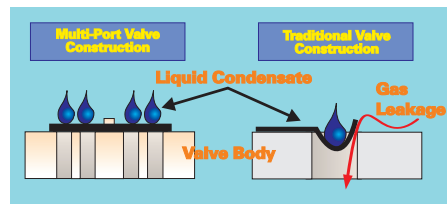
LABOPORT® vacuum performance - The model UN842.3FTP offers a deep vacuum of 1.5 Torr and free-flow capacity of 34 Liters/minute. It is ideal for difficult distillation and evaporation processes.

Corrosion-Resistant - This pump is designed to withstand most aggressive vapors. It is constructed of only the highest quality Teflon® and Kalrez® wetted parts. There is no metal in the gas stream to leak or corrode.

Patented structured diaphragm - A smooth, thick, Teflon® layer is tightly bonded to the diaphragm surface. This smooth surface reduces dead space within the pumping chamber to a minimum, improving the pump's end vacuum performance. Maximum end vacuum is available to the user within seconds.



Reliable multi-port valve system - KNF's patented Kalrez® valve system tolerates the ingestion of occasional liquid condensate droplets without the risk of pump damage or loss of full vacuum performance.



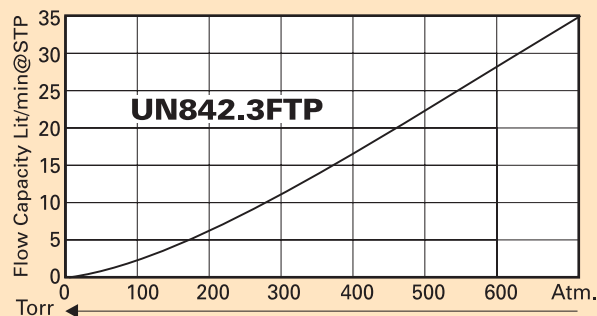
Quality built throughout -

The totally-enclosed fan-cooled (TEFC) ball-bearing motor runs cool and never need lubrication. The UN842.3FTP performs with the reliability you have come to expect from all KNF products.

Compact size - The stylish, cast-alloy case occupies minimal bench space and includes a convenient handle. There is no need for air, oil, water or drain connections.

NEW! PowerDry - When evacuating gases with high moisture content, consider a KNF self-cleaning pump. The PowerDry system removes accumulated condensate from the pump and restores efficiency while the pump is operating, reducing process time and extending pump life.

Performance:



Get the best, get a LABOPORT®

Specifications:

Model Number:	UN842.3FTP	Dimensions:	33 L x 17 W x 22 H cm
Free-flow Capacity:	34 Liters/minute	Net Weight:	12.2 kg (27 lbs)
Maximum End-vacuum:	1.5 Torr (29.86 "Hg)	Head/Valve Materials:	Teflon®/Kalrez®
Max. Pressure:	15 psig	Hose Connector:	3/8 in. ID hose barbs

Models are available in either 115 VAC 60 Hz or 230VAC 50 Hz. Teflon® is a registered trademark of DuPont. Kalrez® is a registered trademark of DuPont Dow. LABOPORT® is a registered trademark of KNF Neuberger GmbH. Specifications are subject to change without notice. A KNF dry ice trap is recommended to collect liquids and dramatically reduce your processing time. For maximum efficiency, the trap should be placed prior to the pump inlet. You should always check corrosion resistance charts for compatibility with the chemicals used in your laboratory.

Available NOW from your favorite laboratory equipment distributor.

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