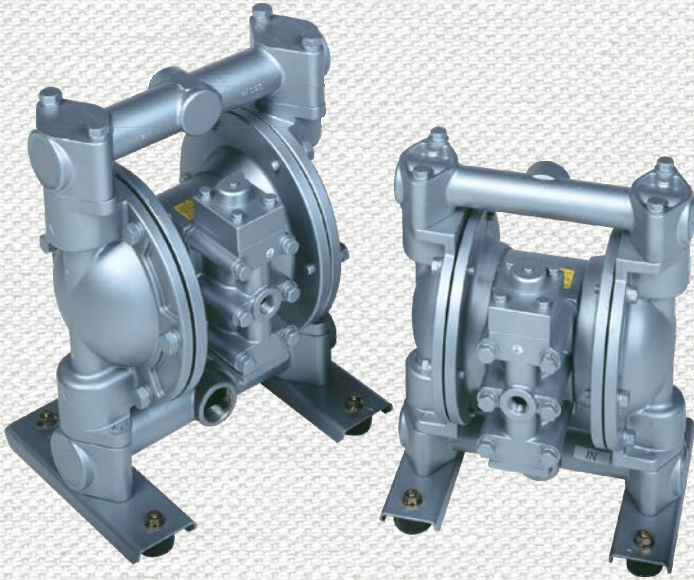
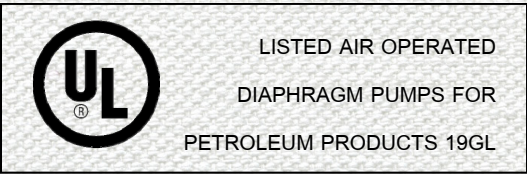


UL Listed Aluminum Pumps

When transferring petroleum products using air-operated double diaphragm pumps, many local jurisdictions require a pump approved by Underwriters Laboratories Code 79. As a result, Yamada[®] has developed a series of UL Listed pumps to meet these requirements. Yamada ¾" and 1" UL Listed diaphragm pumps were specifically designed for the safe transfer of volatile liquids at maximum capacities of 23* and 38 GPM* respectively while maintaining strict adherence to UL Code 79. Pumps include Aluminum wetted components with durable Hytrel[®] and PTFE elastomers.



- Meets UL Code 79 Requirements
- Maximum transfer capacities as high as 38 GPM (1" model)
- Patented, self-lubricating air valve never needs internal or external lubricating
- Non-stalling air valve which includes a non-centering, spring assisted shuttle ensures a positive shift every time
- Outside accessible air valve allows for inspection and maintenance without removing the pump from service
- Short stroke design reduces flex, extends diaphragm life



Applications

- Gasoline
- Kerosene
- Diesel Fuel
- Aviation Fuel
- Fuel Oil
- Waste Oil
- And other volatile Petroleum products

Download CAD drawings at
www.yamadapump.com

* UL Code 79 requires maximum pressure of 50PSI or less

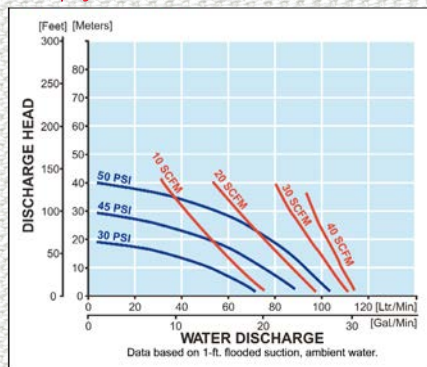


UL Listed Aluminum Pumps

SPECIFICATIONS	NDP-20BAH-UL	NDP-20BAT-UL	NDP-25BAH-UL	NDP-25BAT-UL
Part Number	852098-UL	851518-UL	852100-UL	851531-UL
Port Size	3/4"	3/4"	1"	1"
Diaphragm Material	Hytrel®	PTFE	Hytrel®	PTFE
Discharge Volume/Cycle	0.14 gal. (530cc)	0.14 gal. (530cc)	0.23 gal. (862cc)	0.23 gal. (862cc)
Maximum Cycle/Minute	135	135	168	168
Port Dimensions: Fluid Inlet & Discharge	3/4" female NPT	3/4" female NPT	1" female NPT	1" female NPT
Air Inlet	1/4" female NPT	1/4" female NPT	3/8" female NPT	3/8" female NPT
Air Exhaust	3/4" female NPT	3/4" female NPT	3/4" female NPT	3/4" female NPT
Maximum Solid Size	< 1/16" (1.6mm)	< 1/16" (1.6mm)	< 3/16" (4.8mm)	< 3/16" (4.8mm)
Air Supply Pressure	50 PSI	50 PSI	50 PSI	50 PSI
Net Weight	18.1 lbs. (8.2 kg.)	18.1 lbs. (8.2 kg.)	28.6 lbs. (13.0 kg.)	28.6 lbs. (13.0 kg.)

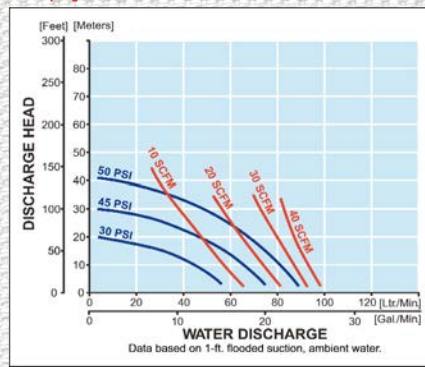
NDP-20

Rubber Diaphragm Performance Curve



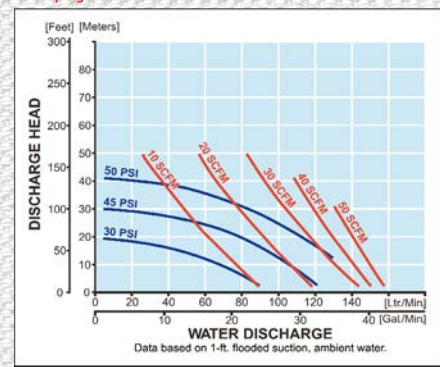
NDP-20-UL

PTFE Diaphragm Performance Curve



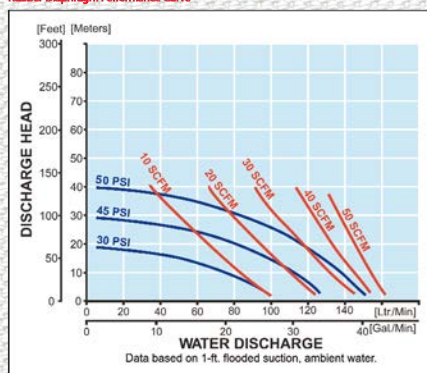
NDP-25-UL

PTFE Diaphragm Performance Curve



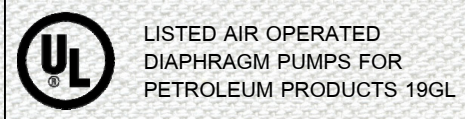
NDP-25

Rubber Diaphragm Performance Curve



Curves based on 70°F water, 1 ft. flooded suction.
NOTE: UL79 Requirements restrict discharge pressure to no more than 50PSI.

For other material combinations, please consult the factory.



Download CAD drawings at
www.yamadapump.com

Hytrel® is a registered trademark of E.I. du Pont de Nemours and Company.

Label:

