

Performance Specifications

	1 Inch	1-1/2 Inch	2 Inch
RATIO:	1:1	1:1	1:1
MAX. G.P.M. (Liters):	29 (110)	75 (284)	105 (284)
AIR INLET:	1/4" NPT(F)	1/2" NPT(F)	1/2" NPT(F)
PORT SIZE:	1" NPT(F)	1-1/2" NPT(F)	2" NPT(F)
MAX. OP. PRESSURE PSI (bar):	50 (3.40)	50 (3.4)	50 (3.4)
PASS SOLIDS MAX.DIA. IN. (mm):	1/8" (3.2)	1/4" (6.4)	1/4" (6.4)
WEIGHT LBS. (Kgs.):	19 (8.6)	51 (23.1)	54 (24.5)



1-inch

Air Connectors shown are not included.



1-1/2 -inch



2-inch

Dimensional Data

See pg. 14 for 1" Metallic Pump dimensional data. See pg. 16 for 1-1/2" Metallic Pump dimensional data. The dimensions for the 1-1/2" Metallic Pump are the same for the 2" U.L. Fuel Pump.

U.L. Listed Fuel Transfer Pumps

These ARO Diaphragm Pumps have been designed specifically for dispensing petroleum-based fuel. These pumps meet UL-79 specification, code and are compatible with:

- GASOLINE
- AVIATION FUEL
- DIESEL FUEL
- FUEL OIL
- KEROSENE
- UNLEADED FUEL

Used for high-volume transfer, bulk-unloading or fueling applications. To meet UL-79 specification, a 50 PSI pressure relief valve opens and bleeds off excess pressure. The relief valve can be plumbed to return the bleed-off fuel to the storage container.

Accessories

Recommended Filter/Regulator (See Page 36)

1" Diaphragm Pump
Filter / Regulator: P29221-610

1-1/2" / 2" Diaphragm Pump
Filter / Regulator: P29241-610



P29221-610

For complete airline connection kit, see page 31, item "B".

For recommended key models, refer to the ARO diaphragm pump price book (Form 2240-2). If the specific model you seek is not in the price book, consult the factory for further selection assistance.

Ordering

MODEL	FLUID INLET/OUTLET PORT SIZE	SEAT	BALL	DIAPHRAGM
ALUMINUM CONSTRUCTION				
650709-C	1-inch NPT	Kynar® PVDF	Acetal	Nitrile
Unleaded 650717-C	1-inch NPT	Kynar PVDF	Acetal	Viton®
650710-C	1-1/2-inch NPT	Kynar PVDF	Acetal	Nitrile
Unleaded 650718-C	1-1/2-inch NPT	Kynar PVDF	Acetal	Viton
650711-C	2-inch NPT	Kynar PVDF	Acetal	Nitrile
Unleaded 650719-C	2-inch NPT	Kynar PVDF	Acetal	Viton

Viton Diaphragms are recommended for use with unleaded fuels.

Portable
fuel
supply

Get in the
ZONE
ARO