Double Diaphragm Piston Drum Pump

KTDA01

Double Diaphragm Piston Drum Pump

Ideal for use where compressed air / power is not easily available such as on farms ranches, construction sites, boat etc.

Heavy duty aluminum die cast pump with stainless steel piston & fuel resistant Hi-nitrile rubber diaphragm

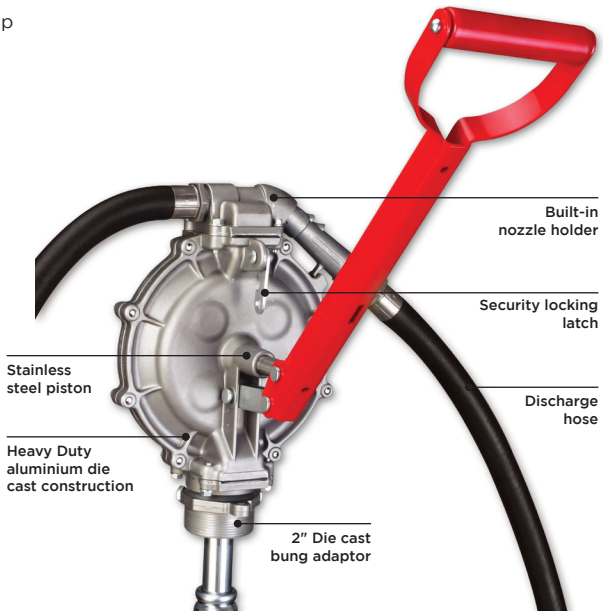
Includes a 2" die cast bung adaptor & extra heavy duty steel handle with security locking latch

Pump inlet fitted with easy to clean wire mesh screen

Complete with: Telescopic suction tube with non-return valve, 8' (1.8 m) of anti-static NBR hose with die cast nozzle

For use with 15-55 gallon (50-205 liter) drums

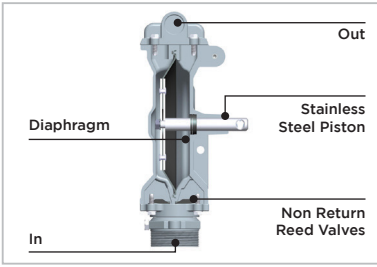
NOTE
Pump has a vent/air hole built-in which will drain back any excess media into the drum



FLOW RATE	DIAPHRAGM PUMP
UP TO 1 GAL. IN 5 STROKES (800 ML / STROKE)	

GASOLINE	DIESEL	KEROSENE
		

PUMP INTERNALS



SPECIFICATIONS

WETTED COMPONENTS	Aluminum, Steel, Stainless Steel, NBR
RECOMMENDED USE	Gasoline, Diesel fuel, Fuel oil, Motor oil & other light petroleum products
DO NOT USE WITH	Corrosive liquids, Solvents, Acids, Alkalis etc.

CAT NR.	DESCRIPTION
KTDA01	For use with 15-55 gallon (50-205 liter) drums

USEFUL TIPS

- Note that Fuels containing Ethanol will cause more frequent replacement of rubber parts
- Do not use with Fuels with Ethanol content greater than 10%
- Never operate the pump near fire or source of spark. Some media may be explosive & dangerous to pump
- Pump is designed primarily for use with low viscosity media. Pumping heavy fluids may cause undue stress resulting in fracture

SAFETY INFORMATION

- Follow workshop Health & Safety rules, regulations and conditions when using the pump.
- Maintain the pump in good condition and replace any damaged or worn parts.
- Use genuine parts only. Unauthorised parts may be dangerous and will void the warranty.
- Wear approved safety gloves and eye and ear protection.
- Keep the pump clean and in good working order for best and safest performance.
- DO NOT use the pump for a task it is not designed to perform.

WARNING!

- DO NOT use the pump if damaged or thought to be faulty. Contact your local service agent.

PACKAGE CONTENT

DESCRIPTION	QUANTITY
Pump Body with Bung nut / adaptor (2" threads)	1
NBR Discharge Hose	1
Nozzle	1
Telescopic Suction Tube	1
O.I.P.M.	1

BEFORE INSTALLATION

- **Eyes protection:** Wear a protective mask or protective eyewear.
- **Skin protection:** Avoid repeated and prolonged contact of fluids with the skin by wearing impermeable protective gloves.
- Check that the equipment has not suffered any damage during transport or storage. Clean the inlet and outlet openings, removing any dust or residual packing material.
- Read the instructions carefully before using the pump and keep them for further reference.

INSTALLATION (Refer "EXPLODED VIEW")

1. Assemble the nozzle (7) onto one end of the discharge hose (6). Assemble the other end of the discharge hose (6) into the pump outlet (3). Use thread sealant such as PTFE tape in all threaded connections.
2. Screw the telescopic suction tube (9) into the female threads in the pump inlet (4). Tighten the connection.
3. Extend the telescopic suction tube (9) to it's full length & insert it into the drum from the 2" threaded opening on the drum.
4. Once the bottom of the telescopic suction tube (9) touches the base of the drum, securely fasten the bung nut / adaptor (5) (attached to the pump body) onto the drum.

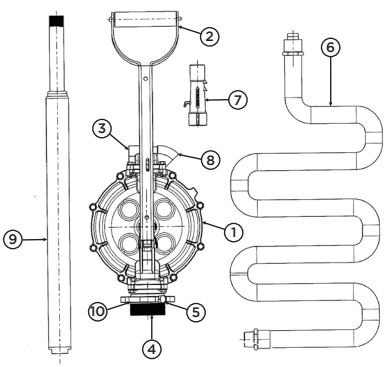
OPERATING INSTRUCTIONS (Refer "EXPLODED VIEW")

1. Take an empty container & place it below the nozzle (7). Start operating the pump handle (2) by moving it in backward & forward direction. The initial few strokes should be rapid, which will allow the pump to quickly get primed & start dispensing media in less than 7 strokes. When operating the pump handle (2), undue pressure must not be exerted as it may cause the pump neck to fracture.
2. The pump is now ready to use.
3. Once pumping is completed, it's a good practice to lock the pump handle (2) using the locking latch fitted onto the pump body (1). Also, discharge hose (6) can be secured using the built-in nozzle holder (8) on the pump body (1).

MAINTENANCE (Refer "EXPLODED VIEW")

- It is recommended to inspect and, if necessary, periodically clean the discharge hose (6), nozzle (7) and telescopic suction tube (9), filter (10).

EXPLODED VIEW



PARTS LIST

REF NO.	PARTS DESCRIPTION	QUANTITY
1	Pump body	1
2	Pump Handle	1
3	Pump outlet	1
4	Pump inlet	1
5	Bung nut / adaptor	1
6	Discharge hose	1
7	Nozzle	1
8	Nozzle holder	1
9	Telescopic suction tube	1
10	Filter	1

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Pump does not dispense fluid or does not prime	Pump not able to create adequate suction.	Prime the pump. Refer “OPERATING INSTRUCTIONS”
	Pump is drawing in air, instead of fluid	Tighten all threaded connections of pump. Inspect seal for leaks.
	Pump inlet is blocked	Remove suction tube & clean the filter at pump inlet
Leakage of media from the pump	Damaged seal due to use with media not suitable for use with pump	Replace seal with genuine replacement seal from manufacturer and use only recommended media with the pump.

DISPOSAL

The components or the used products must be given to companies that specialize in the disposal and recycling of industrial waste.