KLETON

FM Approved Pull Type Drum Pump

DC765

316 Stainless Steel Hand Operated Pumps for use with combustible & flammable media.

Built-in Internal Flame Arrestor prevents flame flashback.

Heavy-Duty bonding & grounding wires prevent hazardous static charge. Wires are secured by Nyloc Nut & have heavy-duty Alligator Clips.

Pump body made from 316 Stainless Steel with PTFE Piston & PTFE Sealing Gasket.

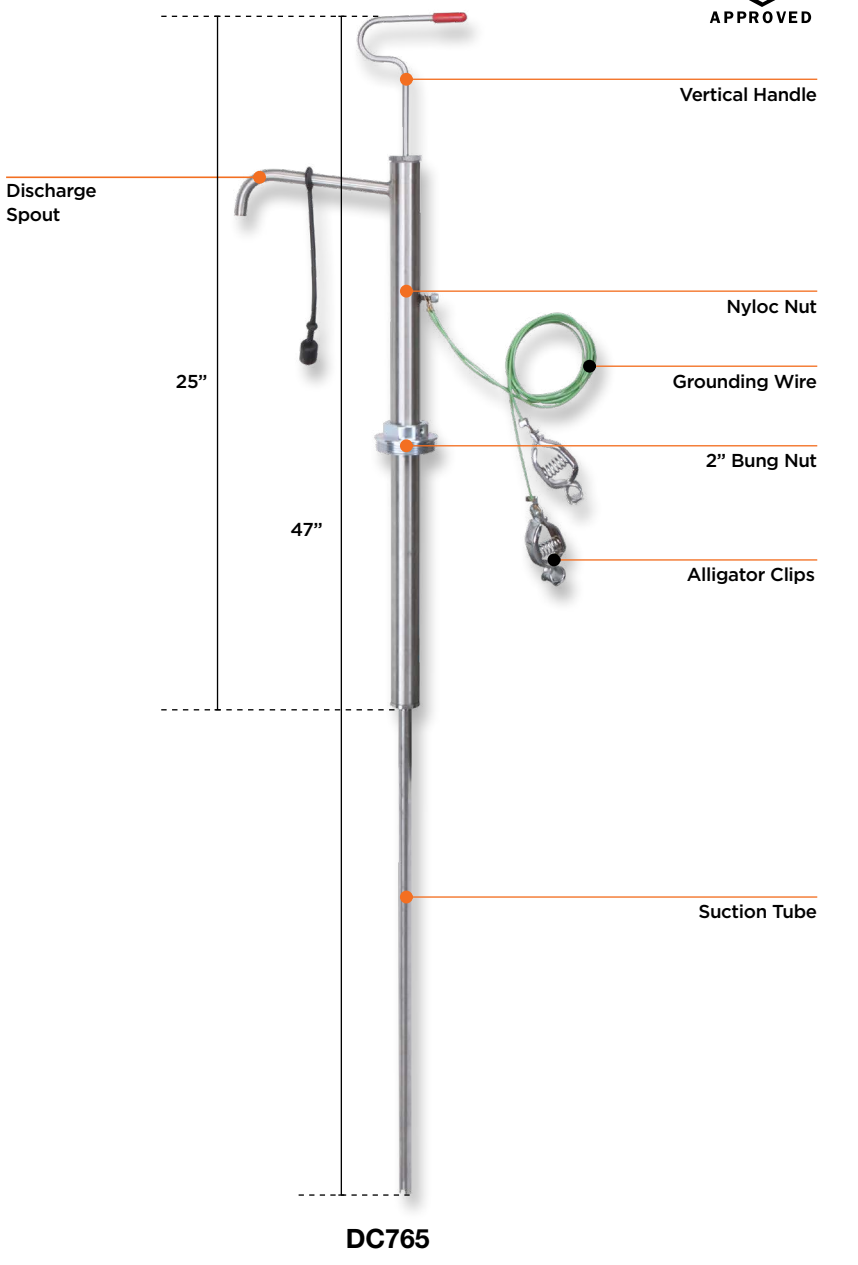
Drum pump DC765 includes a 2" Bung adapter and is designed for use with 15-5 gallon (50 to 205 liter) drums.

WETTED COMPONENTS
316 Stainless Steel, PTFE

RECOMMENDED USE
Gasoline, Diesel, Kerosene, Lacquer, Thinners, Acetone, Benzene, Naphtha, Urea, DEF / Adblue etc.

DO NOT USE WITH
Hydrochloric Acid, Sulphuric Acid

FM APPROVED



DC765

FEATURES

DELIVERS
UPTO 200 ML (7 OZ.) / STROKE

FLUIDS

DIESEL	KEROSENE	GASOLINE
UREA	DEF / ADBLUE	LAQUERS & THINNERS

SPECIFICATIONS

	DC765
PUMP TYPE	Vertical Lift
SUITABLE FOR	15-55 gallon. (50-205 Litre Drums)
OUTPUT	7 oz. per stroke
ADAPTOR TYPE	2" Bung

WARNING

Any pump used to transfer flammable liquids must be stored in a well ventilated area after use.

PERSONAL SAFETY

1. Wear safety glasses at all times when working with this pump.
2. Wear a face shield, proper apparel and suitable respiratory equipment when pumping hazardous chemicals.
3. Keep work area clean, uncluttered and properly lighted. Replace all unused tools and equipment

WARNING

Failure to follow all general safety information can result in a fatality, personal injury and/or property damage!

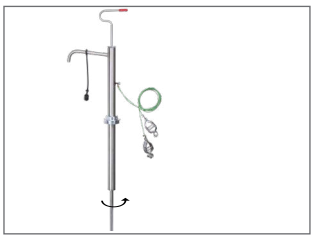
WORKING PRINCIPLE

This pump works on the principle of suction. In this the upward movement of the piston creates suction causing the barrel to fill up with the liquid & during the downward movement the liquid moves to the region above the piston through the non return valve. When the piston again moves upward it forces out the liquid above the piston through the discharge spout.

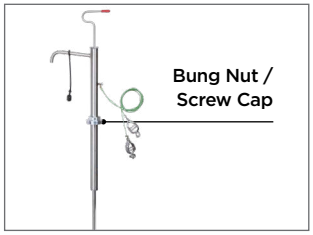
ASSEMBLY AND OPERATION

1. Remove Protective Cap from the bottom of the pump.

2. Assemble the suction tube by inserting it into the pump body and screwing it in the clockwise direction (Only in DC765)



3. Assemble the bung nut on the pump. Location of the bung can be decided based on the drum height. For pail pump, screw adaptors may be used for mounting the pump on the drum. Screw cap can be selected depending upon the size of the drum opening.



4. Take an empty container and place it below the discharge spout. Start operating the pump handle by moving it up by about 12" and then down. Within a maximum of 4 initial strokes in DC765, pump will start dispensing media. Amount of fluid discharge per stroke can be controlled by the lift of the pump handle. The higher the lift of the handle, the greater the discharge will be per stroke.

Note: Never take the pump handle to its extreme top position, but operate within a convenient lift height.

If the pump is not used for an extended period of time, it may loose its prime and need re-priming.

MAINTENANCE

1. The pump has been designed and built to require a minimal amount of maintenance.
2. All maintenance must be performed by qualified personnel.

GROUNDING THE PUMP

1. Clamp alligator clip of the shorter wire to the barrel on which the pump is mounted.
2. Clamp the other alligator clip of the longer wire to the container, the media is being dispensed to.

PRIMING

When using the pump for the first time or after a long interval of time, the pump may need priming. Priming is done by stroking the handle.

1. 4 Strokes required for DC765

Note: The length of the stroke must not extend beyond 12" from the extreme bottom point

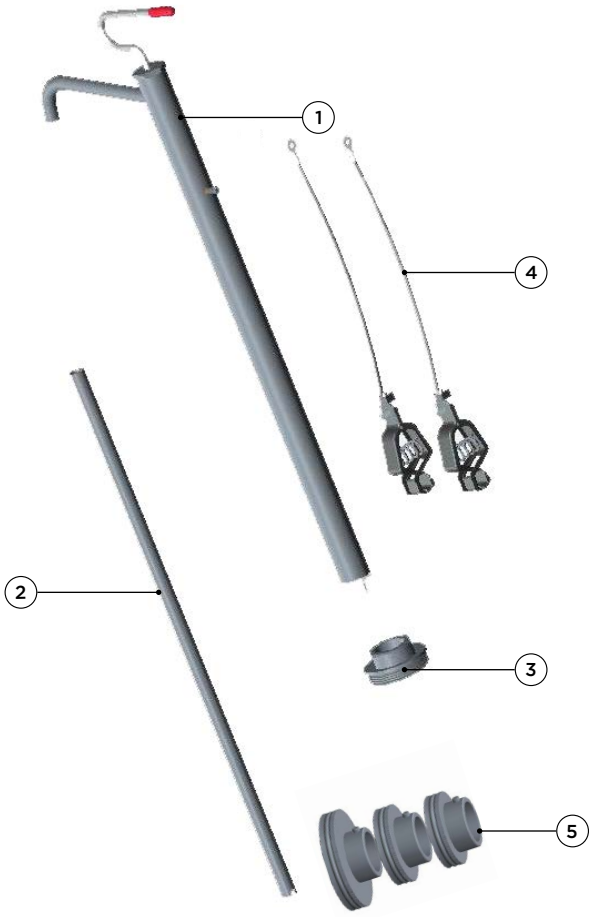
CAUTION

1. Never let any body part come in front of, or in contact with the pump outlet
2. In case of accident, immediately seek medical attention. Do not try to treat the injury yourself
3. Use only genuine factory parts for repair
4. Keep all sources of fire away from the pump

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Pump does not dispense fluid or does not prime.	1. Pump is drawing in air, instead of fluid.	1. Tighten suction tube with the pump inlet (Only in DC765). 2. Inspect pump cover(s) and seals for leaks. Tighten fasteners and replace seals.
	2. Suction tube inlet is clogged (Only in DC765).	2. Remove suction tube & clean tube inlet (Only in DC765).
Handle difficult or impossible to move.	1. Pump has not been used for a long time	1. Remove pump cover and inspect for deposits on components and corroded parts. Clean or replace parts. Flush pump with the media being used if pump has not been in use for a long period of time.
	2. Damaged or worn pump parts.	2. Remove pump cover & inspect internal parts. Replace worn or damaged parts.

EXPLODED VIEW



PUMP COMPONENTS

REF. NO.	PARTS DESCRIPTION	QTY.
1	Pump Body	1
2	Suction Tube *	1
3	2" Bung Adaptor *	1
4	Grounding Wire	2

* Only on DC765