



Replaces all previous versions

ROTARY DRUM TRANSFER PUMPS

Used to safely and quickly dispense flammable liquids and light oils, pumping rates up to 19LPM (5 GPM).
 Three graphite carbon vanes provide a smooth, uninterrupted flow.
 Vacuum breaker allows sharp cut-off control to avoid overflow and spillage.
 Pressure/vacuum relief vent protects against internal pressure build-up and facilitates flow during pumping.
 Perforated-metal flash arresters at spout, relief vent and strainer inlet protect against ignition.
 Pumps fit the 19mm drum bung opening.
 Pump selection depends upon the properties of the given liquids handled and their interaction with the pump's materials.
 For this reason, Protectoseal offers three material compositions as described below and in three configurations.

Nos. 4500, 4500H and 4500N are for general service with liquids that will not react with its cast aluminum body, cover plate and gooseneck, cast iron rotor, brass suction tube and fittings, and in the case of No. 4500H, neoprene hose.
 Works satisfactorily with most solvents. Principal exceptions are chlorinated hydrocarbons, solvents containing water, alcohols and corrosive liquids.

No. F4500H is constructed of stainless steel.
 Recommended for pumping liquids corrosive to components of Series 4500 and where non-contamination is essential.
 All gaskets and packings are Teflon, and cover plate o-ring is Buna-N.
 No. F4500H hose has a stainless steel jacket over Teflon tubing with stainless steel fittings.

No. H4500H is constructed of brass or brass and bronze and are specially suited for most chlorinated hydrocarbons and alcohols.
 No. H4500H has a metal-jacketed Teflon dispensing hose with brass fittings.

No. 4400H Standard-Duty Pump is constructed of heavy cast iron for use with most petroleum based liquids and solvents.
 Mounts in 50mm (2") bung opening. Counter Kit, No. 4450 is also available. (Exempt from Manufacturing ISO System Review)



Fig1. 4500
w/ gooseneck
for direct filling



Fig2. 4500H, F4500H, H4500H
w/ 6' electrically-conductive
neoprene hose & vacuum breaker



Fig3. 4500N
w/ short flexible nozzle
and drip return pan



Fig4. 4400H

Fig.	Part Number	Body	Rotor	Suction Tube	Hose	Short Nose	Drip Pan	Test Lab Listing
1	# 4500-PR	Aluminium	Cast Iron	Brass	-	-	-	UL/FM
2	# 4500H-PR	Aluminium	Cast Iron	Brass	Neoprene	-	-	UL/FM
2	# F4500H-PR	S Steel	S Steel	S Steel	S.S./Teflon	-	-	UL/FM
2	# H4500H-PR	Brass	Brass	Brass	Brass/Teflon	-	-	UL/FM
3	# 4500N-PR	Aluminium	Cast Iron	Brass	-	Steel	Aluminium	UL/FM
4	# 4400H-PR	Cast Iron	Cast Iron	Alum/Steel	Buna N	-	-	FM

Series 4500 Pump Accessories

Part Number	Description
# 4400RK-PR	Repair Kit for series 4400H
# 4450-PR	Counter Kit for Series 4400H
# 4500RK-PR	Repair kit for series 4500 Contain springs, vanes, gasket, o-ring gasket, packing, decal and screws
# 4500-70-PR	Bung Adapter

Note:
Additional Freight Charge Ex-Factory

All prices/specifications subject to change without notice.

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