

Installation, Operating, Maintenance & Safety Instructions

Rotary IBC AdBlue Pump

RHP2012



Important Information

It is important to ensure that this pump is both handled and operated in accordance with the instructions below. Failure to operate the pump as described within these instructions will not only invalidate warranty but may also lead to operational issues.

1.0 Installation

To fit the pump to a new IBC

1.1 Hang the pumps mounting plate on to the IBC frame on either the second or third row of bars down from the top.

NOTE the IBC mounting plate is not suitable for hanging on the top rung of the container



1.2 lift and slide the pumps mounting plate bracing hooks upwards to secure the pumps mounting place on to the IBC frame. Tighten the wing nuts so that the pump assembly is secure to the IBC frame.



1.3 lift the suction pipe SEC coupler on to the top of the container and slide the SEC coupler over the corresponding half of the connection on top of the IBC



1.4 Rotate the blue collar on the SEC coupler so that it rotates fully, this opens the suction path to the IBC



1.6 Clip the dispensing nozzle on to the fitting located after the suction pipes anti-kink spring. **NOTE** the nozzle must be located in this clip when not pumping



1.6 (required for first use only) affix the pump handle to the shaft of the pump body using the supplied washer and screw.

NOTE do not over-tighten



2.0 Operation

To use the pump to dispense into the vehicle or a suitable dedicated container

The pump if fitted correctly to the IBC container should resemble something like this.



Please ensure that the pump delivery nozzle is returned to the suction pipe clip after each use to prevent siphoning.

NOTE The RHP2012 IBC Side mount pump kit is designed for light and occasional use. Care should be taken not to damage or distort the pumps handle shaft.

Specification	
Flow Rate:	25 litre/min
Delivery Hose:	2.5m
Suction Coupler:	SEC type
Suitable for all Air1 type AdBlue IBC's.	
Alternative versions available for other container types.	

2.1 remove the nozzle from its clip on the suction hose and place spout directly into the vehicles AdBlue tanks/containers filler neck.



2.2 before pumping, open green tap (1/4 turn) located on suction pipe.



2.3 Start to pump by turning handle in clockwise direction



2.4 After filling vehicle or container you must close the green tap to prevent loss of priming and avoid siphoning.



2.5 Replace the nozzle to its clip on the suction hose.

NOTE the nozzle must be located in this clip when not in use to prevent siphoning



IMPORTANT INFORMATION



ALWAYS ROTATE CLOCKWISE

CAUTION! Ensure Tap is:

1. **OPEN** before pumping and
2. **CLOSED** after dispensing

3.0 Maintenance

- 3.1 Please ensure that the pumps delivery nozzle remains clean and free from dirt that could contaminate the vehicle/container tank.
- 3.2 Visually check joints for leak tightness every use, signs of leakage will be evident by white chalky residue build up around the joint/leak.
- 3.3 Check hoses for signs of wear regularly.
- 3.4 Ensure the handle operates smoothly and that there is no distortion in the pump handle shaft.

4.0 Trouble Shooting

- 4.1 If the pump becomes stiff then it may be necessary to remove the white pump body by disconnecting the inlet and outlet hoses then soaking the white pump body and handle in warm water for 20-30 minutes, dry then replace.

NOTE 1 you should dispose of the first 2 litres passing through the pump after this process.

NOTE 2 you may need to re-prime the pump system, please refer to instruction 4.2 below.

- 4.2 If the pump will not pump then it will be necessary to re-prime it, before re-priming check:

- A) That SEC coupler is correctly fitted
- B) That the green tap is in open position
- C) That no hoses are kinked

If the need exists to re-prime the pump:

- 4.2.1 ensure green tap is closed and make sure that filling spout is clipped on to suction hose
- 4.2.2 loosen the hose clamp that is directly between the suction pipe and the SEC coupler
- 4.2.3 remove the suction hose from the hose tail that joins it to the SEC coupler
- 4.2.4 back fill the hose going to the pump inlet fully
- 4.2.5 before replacing hose open green tap and lift hose upwards to allow fluid to pass into pump body, if level drops in hose then continue to prime (fill) the hose going to the pump until full
- 4.2.6 close green tap
- 4.2.7 remove SEC coupler from IBC and place hose tail into suction hose making sure not to lose any fluid from suction hose
- 4.2.8 tighten hose clamp top secure this joint
- 4.2.9 replace SEC coupler on to tank as per instructions 1.3 & 1.4 in installation section above

5.0 Safety Instruction

- 5.1 Ensure that all users of this pump are trained in its operation and installation
- 5.2 Ensure that the system is not used for any purpose other than that for which it was intended
- 5.3 Ensure that the nozzle is securely in place before filling
- 5.4 Do not over rotate the handle during operation
- 5.5 Ensure all hoses are retained/coiled as to not form a trip hazard during both storage and operation
- 5.6 Do not overfill the vehicle/container
- 5.7 Ensure adequate spill response planning is in place
- 5.8 Check hoses and joint for integrity between use (see instruction 3.2 / 3.3)
- 5.9 If you experience discomfort in the operation of this unit please cease to operate it immediately

Manufacturers Information

System designed and engineered by Commercial Fuel Solutions Ltd.

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