

# Technical Data

## 3:1 AIR OPERATED OIL PUMP KIT - IBC MOUNT



Applies to the following models **only**:

- AOP.3IBC

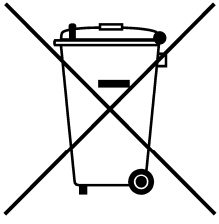
**Please read carefully before commencing installation**

Registered Office: HYTEK (GB) LIMITED, Delta House, Green Street, Elsenham, Bishop's Stortford  
CM22 6DS UK. Registered in England No. 1915382

Tel: +44 (0) 1279 815 600 Fax: +44 (0) 1279 812 978 email: [info@hytekgb.com](mailto:info@hytekgb.com)

Web: [www.hytekgb.com](http://www.hytekgb.com)

## **ENVIRONMENTAL INFORMATION**



European Directive 2012/19/EU requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product must be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities.

## **IMPORTANT WARNING NOTES**

1. Installation of this product and its associated tank, pipe work and fittings should only be carried out by qualified fuel installation engineers.
2. The installation must conform to all relevant electrical and local authority regulations and standards.
3. The supplied air pressure regulation, a water trap and oil lubricator **MUST** always be used.
4. The oil dispensing pump kit must not be used with liquids or for other applications other than those specified. We will accept no warranty claims or liability if it is used for other liquids or applications.

## **PRODUCT DESCRIPTION**

This 3:1 air operated pump kit is designed to be fitted to an IBC and is for use with medium & high viscosity oils. All kits come supplied with an air regulator assembly and a digital hose end meter.

## **INSTALLATION**

1. Remove the pump unit and all accessories from the box and packaging.
2. Fit the pump & mounting frame to the IBC. Adjust and secure using the nuts provided.
3. Assemble the air regulator assembly and fit to the pump air inlet using the supplied 1/4" nipple connector.
4. Fit the female end of the delivery hose to the pump outlet.
5. Fit the male end of the delivery hose to the digital hose end meter.

6. Fit the supplied IBC quick release connector to the bottom outlet of the IBC.
7. Fit the suction hose to the pump and connect the other end to the bottom outlet of the IBC, using the quick release fitting provided.

## **PUMP PRIMING AND OPERATION**

1. Ensure all connections are tight and secure.
2. Ensure IBC bottom outlet valve is open.
3. With the outlet nozzle open and the air supply connected, slowly raise the air pressure by using the regulator. This will provide a slow, even stroke which will help suction lift to prime the pump.
4. If the pump fails to prime then slightly undo any restriction on the pump outlet (outlet hose, nozzle etc) as this makes it easier for the pump to prime.
5. Ensure that the any connections loosened are fully tightened and secured as soon as the pump is primed.
6. Once the pump is primed the regulator can then be raised to the desired operating pressure of between 70-115 PSI (5-8 BAR).



# E.U. DECLARATION OF CONFORMITY

**HYTEK**  
FUEL & LUBRICATION  
EQUIPMENT



Company Name: **Hytek (GB) Ltd**

Address: **Delta House, Green Street. Elsenham,  
Bishops Stortford, Hertfordshire, CM22 6DS, UK**

Date of Issue: **15<sup>th</sup> October 2015**

Equipment Details: **Air operated pump range**  
AOP.3T.A, AOP.3T.HR.A  
AOP.3/KIT1, AOP.3/KIT3, AOP.5/KIT1, AOP.3/KIT4  
AOP.3/KIT2, AOP.5/KIT4, AOP.5/KIT2, AOP.1/KIT5

Applicable Directives:  
& Standards **2006/42/EC Machinery Directive**  
**2014/68/EU Pressure Equipment Directive**

Declaration Number: **EU039/5**

On behalf of the above-named company, I declare under our sole responsibility that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

*Clive Wellings*

Clive Wellings, Technical Manager  
15<sup>th</sup> October 2015, Bishops Stortford, Herts.

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