

# Technical Data

## INTERMEDIATE BULK CONTAINER (IBC) MOUNTING PUMP KIT FOR AdBlue®



Applies to the following models **only**:

- AB.PKIM      - AB.PKIA      - AB.12IK
- AB.24IK      - AB.12IKA      - AB.PKI

**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 Directives 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**

Failure to comply with any of the following will invalidate the pump warranty.

1. This pump should ONLY be used to dispense AdBlue®.
2. It must not be sited adjacent to a petrol dispenser or in any other hazardous zone.
3. Assembly of this equipment and its associated pipe work and fittings should only be carried out by qualified fuel installation engineers.
4. The installation must conform to all relevant electrical and local authority regulations and standards.

## **PRODUCT DESCRIPTION**

The pump kit is designed to pump AdBlue® from a standard 1000-litre intermediate bulk container (IBC). The pump is fitted with a manual nozzle (AB.PKIM, AB.12IK, AB.24IK) or an automatic nozzle and meter (AB.PKIA, AB.12IKA, AB.PKI).

## **INSTALLATION AND PRIMING**

1. Remove the pump unit and all accessories from the box and packaging.
2. Fit straight hose tail to the pump inlet & 90° elbow to pump outlet.
3. Fit suction hose (short hose) to the pump inlet and delivery hose (long hose) to pump outlet. Use supplied clips to secure hoses.
4. Fit CDS connector and delivery nozzle to the suction and delivery hoses securing with the supplied clips.
5. Hang pump assembly on the IBC using the attached bracket.
6. Attach suction coupling (CDS connector) to the IBC and lock into place.
7. Connect to a suitable power supply as follows:

230V AC operated models:	Brown -Live (Fused at 10A) Blue -Neutral Yellow/Green – Earth
12 V DC operated models:	Red = Positive, Black = Negative.
24 V DC operated models:	Red = Positive, Black = Negative.

## **PUMP OPERATION**

1. Insert nozzle into tank/container to be filled.
2. Switch pump on.
3. Reset meter (AB.PKIA only, see additional instructions for meter operation)
4. Dispense required amount of fuel.
5. Switch off pump.
6. Stow nozzle and hose securely.

### **DUTY CYCLE WARNING:**

**THIS PUMP IS DESIGNED FOR INTERMITTENT USE. DO NOT RUN PUMP CONTINUOUSLY FOR LONGER THAN 20 MINUTES AS IT MAY DAMAGE THE MOTOR AND VOID THE WARRANTY. ALLOW PUMP TO COOL FOR 20 MINUTES, OR TO AMBIENT TEMP, BEFORE RESUMING OPERATION.**

### **BYPASS WARNING:**

**DO NOT ALLOW THIS PUMP TO RUN ON BYPASS (NOZZLE CLOSED) FOR PERIODS LONGER THAN 60 SECONDS. FAILING TO DO THIS MAY DAMAGE THE PUMP UNIT AND VOID WARRANTY.**

# 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: **21<sup>st</sup> November 2016**

Equipment Details: **IBC Mounting Kit for AdBlue®**  
AB.PKIM, AB.PKIA, AB.12IK, AB.24IK,  
AB.12IKA, AB.PKI

Applicable Directives: **2004/108/EC EMC Directive &**  
& Standards **2014/30/EU EMC Directive** (effective date 20<sup>th</sup>  
April 2016)  
EN 61000-6-3:2007 (+A1)  
Electromagnetic compatibility (EMC) - Part 6-3:  
Generic standards - Emission standard for  
residential, commercial and light-industrial  
environments

**2014/35/EU Low Voltage Directive**

**2006/42/EC Machinery Directive**

**2014/68/EU Pressure Equipment Directive**

**2012/19/EU Waste Electrical & Electronic  
Equipment Regulations**

**2011/65/EU Restriction of Hazardous  
Substances Directive (RoHS2)**

Declaration Number: **EU066/6**

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 Technical Manager

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROTECTED BY COPYRIGHT © AND PROPERTY LAWS AND IS THE SOLE PROPERTY OF HYTEK (GB) LTD. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HYTEK (GB) LTD IS PROHIBITED.