

Technical Data

12/24/230V PUMP KIT FOR AdBlue®



Applies to the following models **only**:

- AB.12BKIT - AB.24BKIT - AB.12BKITA
- AB.24BKITA - AB.BK - AB.BKA

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

Web: www.hytekgb.com

IMPORTANT WARNING NOTES

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

1. Assembly of this equipment and its associated pipe work and fittings should only be carried out by qualified fuel installation engineers.
2. The installation must conform to all relevant local authority regulations and standards.
3. This pump kit is only suitable for use with AdBlue®.

PRODUCT DESCRIPTION

The pump kit is designed to pump **AdBlue® only** and can be mounted into a 2" socket for use on 205L drum/barrel up to 1.0m deep.

INSTALLATION

1. Remove the pump unit and all accessories from the box and packaging.
2. Assemble the suction pipe to the required length. Seal the threads on the pipe together using the supplied roll of PTFE tape.
3. Seal the threaded end of the assembled suction pipe into the inlet thread on the pump unit using the supplied roll of PTFE tape.
4. Slide the pump/suction pipe assembly into the barrel/tank and ensure that the end of the suction pipe reaches the bottom of the drum/barrel. Now tighten the 2" drum adaptor and securing screw.
5. Take the delivery hose assembly and screw the 90° elbow onto the pump outlet thread. This elbow will seal on the O-ring so no PTFE tape is required.

PUMP PRIMING AND OPERATION

1. **For AB.12BKIT(A) & AB.24BKIT(A):** Connect the croc clips to a suitable 12v or 24v power supply (Model dependent - Check pump for voltage).
2. **For AB.BK & AB.BKA:** Connect to suitable 230V AC power supply fused at 3A.
3. Insert nozzle into tank/container to be filled.
4. Turn the pump unit on.
5. **FIRST USE:** The pump unit is self-priming. Open the nozzle and allow 60 seconds for the pump to prime.
6. Dispense required amount of fuel.
7. Turn the pump unit off.
8. Stow nozzle and hose securely.

DUTY CYCLE WARNING:

THIS PUMP IS DESIGNED FOR INTERMITTENT USE. DO NOT RUN PUMP CONTINUOUSLY FOR LONGER THAN 30 MINUTES AS IT MAY DAMAGE THE MOTOR AND VOID THE WARRANTY. ALLOW PUMP TO COOL FOR 30 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: **21st November 2016**

Equipment Details: **Drum Mounted AdBlue® Pump Kit
AB.12BKIT and AB.24BKIT**

Applicable Directives: **2004/108/EC EMC Directive &
& Standards 2014/30/EU EMC Directive** (effective date 20th
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: **EU105/2**

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

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.