Technical Data

HYTEK
Fluid Transfer Solutions

230V, 12 & 24V AdBlue Pump





Applies to the following model(s) only:

SKU Codes:

AB.

PT2 | 12PT2 | 24PT2

Please read carefully **before** commencing installation.

Registered Office
Hytek GB Ltd, Delta House, Green Street, Elsenham, Bishop's Stortford, CM22 6DS
Call | +44 (0) 1279 815600 **Email** | sales@hytekgb.com **Visit** | hytekgb.com



Enviromental Information

European Directive 2012/19/EU and UK Regulation SI 2013 3113 require 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.

Product Description

This product is a direct drive, self priming, rotary diaphragm pump unit designed for pumping non flammable water based liquids such as AdBlue®, and non-potable water.

Specification

- Only suitable for use with AdBlue® and similar non-flamable liquids.
- Maximum flow rate 230V: 34L/min.
- Maximum flow rate 12V & 24V: 28L/min.
- 1” BSPP male ports.
- Direct drive rotary diaphragm pump.
- Weatherproof to IP55 for outdoor use.
- 1.5m long power cable with UK 3-pin plug (230V) or Crocodile Clips(12V & 24V).
- Maximum run time 20mins.
- Includes 7min run timer to protect motor and diaphragm.

Duty Cycle Warning

This pump is designed for intermittent use. Do not run this pump continuously for longer than 20 mins as it may damage the motor and void the warranty.

Allow pump to cool for 20 mins or to ambient temperature before resuming operation.

The duty cycle will vary with load and ambient temperature.

Bypass Warning

Do not allow this pump to run on bypass (nozzle closed) for periods longer than 2 minutes. Failing to do this may damage the pump unit and void the warranty.

Important Warning Notes

1.This pump **MUST NOT** be used to dispense any flammable liquids with a flash point below 60°C.
2.It **MUST NOT** be sited adjacent to a petrol dispenser or any other hazardous zone.
3.Installation of this equipment and its associated tank, 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.
5.This pump has a 20 minute duty cycle, operation of the pump outside these parameters will cause damage to the motor.
6.Do not use this product if it is leaking or damaged.
7.Do not use this pump in an enclosed environment or without adequate ventilation.

Installation

If no mounting bracket is supplied, mount on a horizontal surface using the holes provided in the pump feet or use a tank/barrel mount adaptor if provided.

Connect the pipe from the tank to the suction inlet of the pump. The inlet thread is 1" BSPP male or use the supplied 19mm hose tails. If the pump is more than 2m from the tank you may require a non-return valve to be fitted to the suction hose to aid priming the pump. Use the supplied hose clips to secure the hose if using the hose tails.

Connect a suitable "soft wall" hose to the pump outlet. In turn, fit a suitable trigger or automatic nozzle onto the hose. Use the supplied hose clips to secure the hose.

Connect the flying lead to a suitable power supply, fused at 5 amps for 230V AC.

230V AC:
Brown – Live
Blue – Neutral
Yellow/Green – Earth

12 & 24V DC:
Brown - Positive (+)
Blue - Negative (-)

To prime the pump, first ensure there is fluid in the tank and the end of the suction hose is fully immersed.

Turn the pump on and allow 60 seconds for the pump to prime. If the pump fails to prime then turn the pump off, remove the automatic nozzle (if fitted) from the end of the delivery hose and retry. If the pump is more than 2m from the tank it may be necessary to backfill the suction hose with liquid in order to prime the pump.

Insturctions for Use

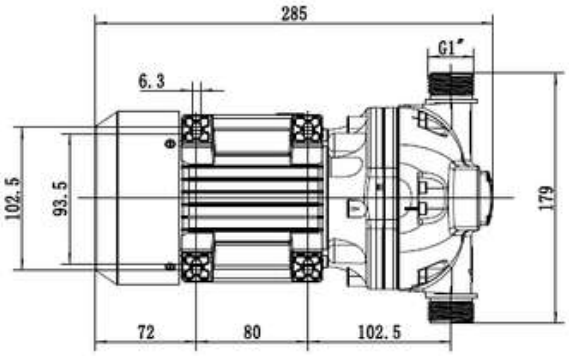
1.Switch on pump.
2.Place nozzle spout in the AdBlue® tank.
3.Squeeze nozzle trigger to dispense AdBlue®.
4.On completion of delivery, release nozzle trigger and remove nozzle from AdBlue® tank.
5.Switch off the pump.

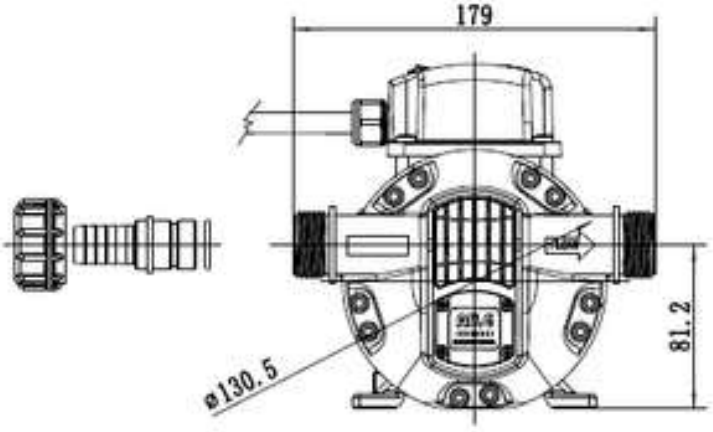
Please note that this pump is supplied with a 7 minute run timer. The timer begins to count down from the moment the switch is turned on and the pump will stop after 7 minutes. To reset the timer switch the pump off and on again.

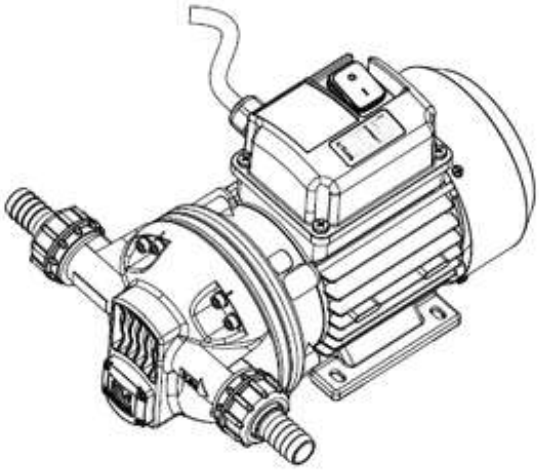
Operation Warning
Failure to observe the warnings below may lead to the pump unit being damaged

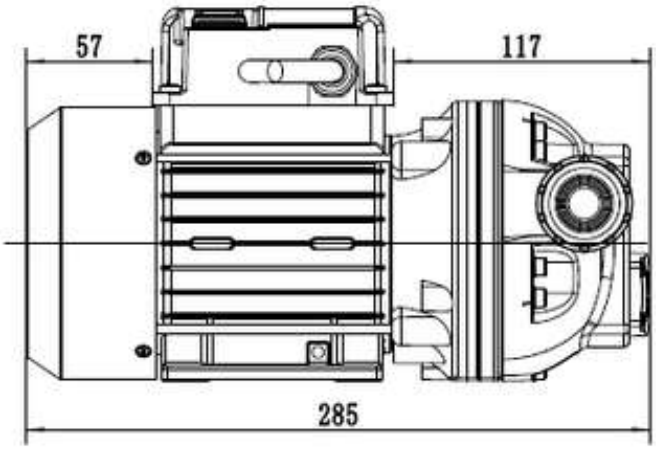
1.Please ensure that the delivery hose is stowed correctly after each use to prevent it being run over by a vehicle.
2.Do not run the pump for prolonged periods on bypass (nozzle closed). Maximum run time on bypass 2 minutes.
3.Do not use this product if it is leaking or damaged.
4.Do not exceed the 20-minute duty cycle on the pump (all voltages) or you may cause irreparable damage to the motor and this will void the warranty.
5.Do not use this product if it becomes hot to the touch.

230V

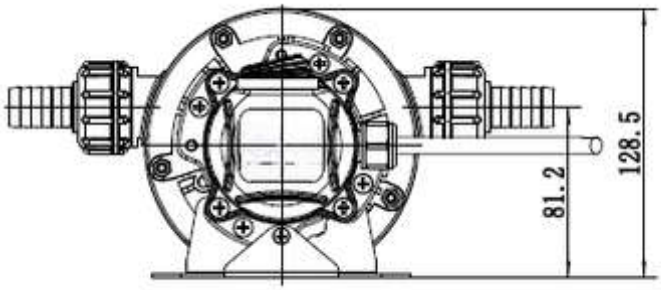

285
G1"
6.3
102.5
93.5
179
72
80
102.5

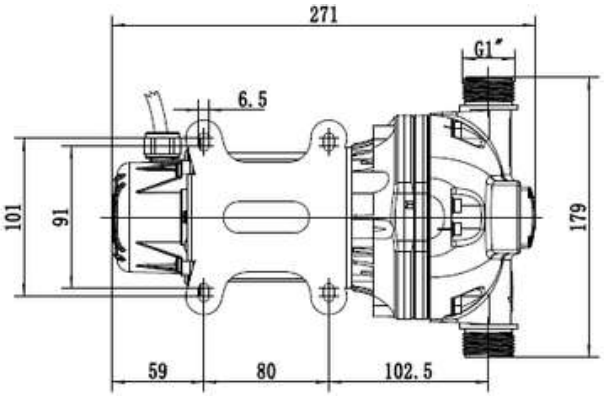

179
81.2
ø130.5

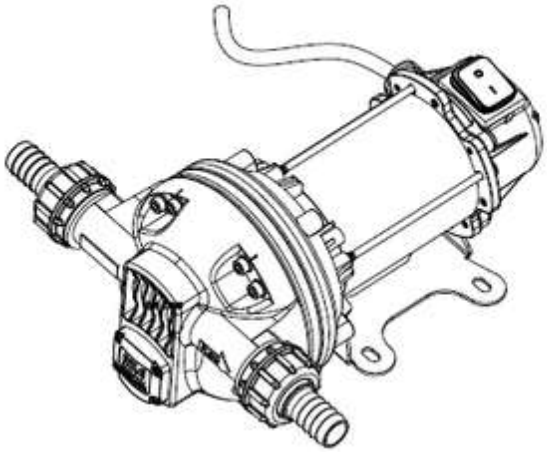


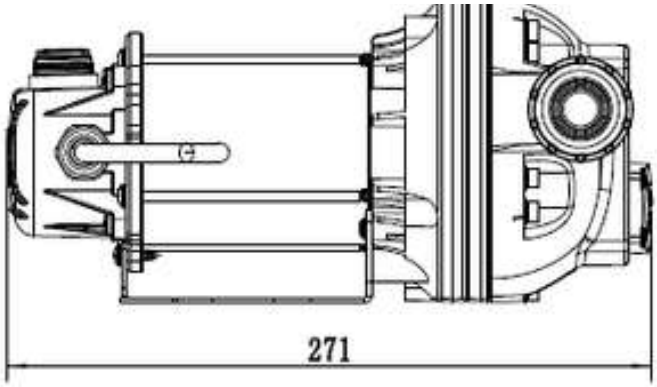

57
117
285

12V/24V


128.5
81.2


271
G1"
6.5
101
91
179
59
80
102.5




271

DECLARATION OF CONFORMITY

Fluid Transfer Solutions

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

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

Date of Issue: **11th February 2026**

Equipment Details: **Adblue Diaphragm Transfer Pump**

AB.PT2, AB.12PT2, AB.24PT2

Applicable Directives: & Standards

2004/108/EC EMC Directive
SI 2016 1091 Electromagnetic Compatibility Regulations
2014/30/EU EMC Directive

2014/35/EU Low Voltage Directive
SI 2016 1101 Electrical Equipment Safety Regulations

2006/42/EC Machinery Directive
SI 2008 1597 Supply of Machinery Safety Regulations

2012/19/EU Waste Electrical & Electronic Equipment Regulations
SI 2013 3113 Waste Electrical & Electronic Equipment Regulations

2011/65/EU Restriction of Hazardous Substances Directive (RoHS2)
SI 2012 3032 Restriction of Use of Certain Hazardous Substances Regulations

Declaration Number: **UK178/1**

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, Process Co-ordinator, 11th February 2026, Bishop's Stortford, Herts