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## Manual Liquid Extraction Vacuum Pump

- ▶ Novel device that both sucks & stores extracted liquids.
- ▶ Suitable with fuels, water, oils & many other liquids (not suitable with petrol).
- ▶ Wetted materials: Polypropylene, nitrile, nylon & aluminium.
- ▶ Removes:
  - Oil from vehicles, lawn mowers, motorbikes, hydraulic reservoirs without draining, simply insert the suction pipes in the dipstick hole. Water from bunded fuel tank cabinets, fish tanks, bilges & otherwise inaccessible areas. Fuel spillages from bunded tanks/ fill point cabinets.
- ▶ Can even suck up surface puddles.
- ▶ Prime the handle & watch it work.
- ▶ Supplied with suction probes to fit most applications.
- ▶ Lightweight & portable. 17 litre version has castors.
- ▶ When full, remove top plug to pour out the contents.
- ▶ Choose from the following:

HP.SUC2 - 2.7 litre capacity  
Master carton box quantity 6.

HP.SUC6 - 6.5 litre capacity (Sucks up 6.5 litres in 2½ mins).  
With integral tubes/pipes holder.  
Master carton box quantity 6.

HP.SUC17 - 17 litre capacity  
With integral tubes/pipes holder.  
Master carton box quantity 1.



HP.SUC6

Stock Code	Description	Capacity
HP.SUC2	Liquid extraction 2.7L pump	2.7L
HP.SUC6	Liquid extraction 6.5L pump	6.5L
HP.SUC17	Liquid extraction 17L pump	17L



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## Syphon Hand Pumps

- ▶ Suitable with pumping most liquids: acids, alkalines, antifreeze, de-greaser, distilled water, diesel, biodiesel, light oils & solvents.
- ▶ Includes delivery hose & suction pipe.
- ▶ HPS25, fits 5 - 25L containers. Master carton box quantity 100.
- ▶ HPS205, fits 205L container. Master carton box quantity 30.
- ▶ For quantities of 100+ please contact us for a quotation.

HPS205 HPS25

Stock Code	Description	Flow Rate	Suction	Delivery	Mounting
HPS25	Syphon pump 5 - 25L containers	5L/min	380mm pipe	534mm hose	-
HPS205	Syphon pump 205L drums	30L/min	850mm pipe	1295mm hose	2" M BSPP



HPSB



## Battery Operated Syphon Pump

- ▶ Unique battery operated pump.
- ▶ Suitable with water, diesel, light oils, & mild or non-corrosive chemicals.
- ▶ Makes quick work of pumping.
- ▶ Total length 675mm.
- ▶ Battery operated (2 x D size, not supplied).

Stock Code	Description	Flow Rate	Suction	Delivery	Mounting
HPSB	Battery syphon pump	4 - 7L/min	675mm pipe	660mm hose	-

## Polypropylene Lift Hand Pump

- Suitable with diesel or oils to SAE 90.
- Lift pump manufactured from polypropylene with viton seals.
- Fits 20 - 25L & 205L containers.
- Outlet options: spout, 19mm hose tail or ¾" M BSPP.
- Supplied with two adaptors:  
One fits most 25L external Pysu (60mm diameter).  
The other fits most 25L Trisure/Valorex thread (56mm diameter).
- Also fits 205L drums with a 2" M BSPP internal thread.
- Option: universal adaptor, locks onto any external thread (AD.UNI).



Stock Code	Description	Flow Rate	Suction
HPLP	Polypropylene lift pump kit	250ml per stroke	480mm - 1m (2 piece) pipe
AD.UNI	Universal adaptor	-	-

## Gear Oil Lift Hand Pump

- Suitable with high viscosity oils, ideal for filling gear boxes.
- Polypropylene pump, mild steel piston & nitrile seals.
- Has a 1.5m outlet hose with spout.
- Spout can be drained by locating back into pump body.
- Telescopic suction pipe.
- Fits most 25L external Pysu threads (60mm diameter).
- Also fits most 25L Trisure/Valorex thread (56mm diameter).
- Option: universal adaptor, locks onto any external thread that is less than 61mm dia (AD.UNI).



Stock Code	Description	Flow Rate	Suction	Delivery
HPGO	Gear oil lift pump kit	100ml per stroke	300 - 500mm pipe	1.5m hose
AD.UNI	Universal adaptor	-	-	-

## Piston Hand Pump - Heavy Duty

- Suitable with diesel, biodiesel up to B30, light oils & petrol.
- Can be padlocked. ATEX certified.
- Lightweight aluminium body with stainless steel liner.
- Teflon shaft packing/nitrile seals.
- Double acting piston pumps on both strokes.
- Kit version - comprises of pump, telescopic suction pipe, outlet hose & spout (HP152).
- 2 year warranty.

**FILL-RITE**



Stock Code	Description	ATEX	Flow Rate	Suction	Delivery	Inlet/Outlet	Mounting
HP150	Piston hand pump only	Yes	75L/min	-	-	1" / ¾" F BSPT	2" M BSPT
HP152	Piston hand pump kit	Yes	75L/min	500 - 900mm pipe	2.4m hose	1" / ¾" F BSPT	2" M BSPT

## Lever/Piston Hand Pump Dual Flow

- Suitable with: diesel, biodiesel up to B20, light oils, kerosene, petrol & ethanol to E15.
- Handle can be locked for security.
- Lightweight aluminium body with stainless steel liner. Nitrile seals.
- Dual flow, adjust the handle to low resistance 55L/min or high resistance 110L/min.



Stock Code	Description	Flow Rate	Suction	Delivery	Inlet/Outlet	Mounting
HP100	Lever/piston hand pump only	55 - 110L/min	-	-	1" NPT F / ¾" F BSPT	2" M BSPT



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## Lever Hand Pump

- ▶ Suitable with diesel, biodiesel up to B30 or oils to SAE 90.
- ▶ Metal lever action drum pump.
- ▶ Telescopic suction pipe.
- ▶ Available singularly or in multiples of 10.
- ▶ Ideal for trade counters, packed in a coloured display box.
- ▶ For large quantities please contact us for a quotation.

LEVER.S

Stock Code	Description	Flow Rate	Suction	Mounting
LEVER.S	Lever pump kit	20L/min	450 - 900mm pipe	2" M BSPP



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## Lever Hand Pump Kit - AdBlue®

- ▶ Suitable with AdBlue® & other water based fluids, antifreeze, windscreen washer fluid, herbicide, pesticides, insecticides & fertilizers.
- ▶ Wetted components: polyacetal, polypropylene, polyethylene, viton.
- ▶ Complete dispensing kit includes trisure/valorex adaptor.
- ▶ Suction pipe with one part telescopic.
- ▶ 2m outlet hose (flexible corrugated PVC hose).
- ▶ Temperature range -5°C (23°F) to 45°C (115°F).
- ▶ Fits to the top of IBC use CDS connector: (SEC.CONA) see page 15.

AB.HPPKA

Stock Code	Description	Flow Rate	Suction	Mounting
AB.HPPKA	Complete kit	500ml per stroke	350 - 980mm (2 piece) pipe	2" M BSPP & Trisure/Valorex adaptor



## Lever Hand Pump – AdBlue®

- ▶ Suitable with AdBlue®. Lever action. Self-priming.
- ▶ Anti drip spout.
- ▶ Telescopic suction pipe.
- ▶ Options:
  - ▶ (AB.HPHK4) 4m outlet hose, clip & outlet adaptor.
  - ▶ (AD.HPGO) Trisure/valorex container adaptor.
  - ▶ (ABH3.3/4) Outlet hose per mtr (required when filling combines or other vehicles with high tanks).
- ▶ For more information on AdBlue® see page 90.

AD.HPGO

AB.HP

AB.HPHK4

Stock Code	Description	Flow Rate	Suction	Mounting
AB.HP	Pump only	330ml per stroke	520 - 900mm pipe	2" M BSPP
AB.HPHK4	Outlet hose kit 4m	-	-	-
AD.HPGO	Trisure/valorex M thread, F BSPP/F adaptor	-	-	-
ABH3.3/4	Outlet hose p/mtr	-	-	-

## Rotary Hand Pump - Polypropylene

- ▶ Suitable with: diesel, biodiesel, or oils to SAE 90, water based solutions of acids, alkalis & salts, antifreeze, AdBlue®, detergents, glycerine & some chemicals (check compatibility).
- ▶ DO NOT USE with acetone, lacquer, mineral oils, solvents, turpentine.
- ▶ Polypropylene construction, stainless steel, viton, ryton parts.
- ▶ 3 piece suction pipe & strainer. Drum adaptors for use on metal & plastic drums.
- ▶ Available singularly or in multiples of 10.

**PROLUBE**



Fits Trisure / Valorex containers



Stock Code	Description	Flow Rate	Suction	Mounting
MSSP	Rotary pump kit polypropylene	25L/min	400mm - 1m (3-piece) pipe	2" M BSPP or Trisure/Valorex

## Rotary Hand Pump - PVC

- ▶ Suitable with chemicals/acid based products (check compatibility).
- ▶ PVC construction with PTFE vanes & Hastelloy springs.
- ▶ Available singularly or in multiples of 6.



Stock Code	Description	Flow Rate	Suction	Mounting
MSSPVC	Rotary pump kit PVC	25L/min	400mm - 1m (3-piece) pipe	2" M BSPP

## Rotary Hand Pump – Chemicals

- ▶ Suitable with many liquids including: Esters - ethyl acetate. Alcohols - butyl alcohol, methyl alcohol, ethyl alcohol, benzyl alcohol. Ketones acetone, MEK. Bases - ammonium hydroxide, potassium hydroxide, sodium hydroxide, baking soda.
- ▶ DO NOT USE with benzoic acid, petrol, lacquers, thinners, bleach, toluene, xylene, turpentine oil, benzene.
- ▶ Wetted parts: Polypropylene body, Ryton rotor/vanes, PTFE seal 304.
- ▶ Robust aluminium handle.

**PROLUBE**



Aluminium handle



Stock Code	Description	Inlet/Outlet
MSSCB	Rotary pump only BSPP threads	3/4" F BSPP





MSS.AB

## Rotary IBC Hand Pump Kit - AdBlue®

- ▶ Intermediate bulk container (IBC) side mounted, pump kit.
- ▶ Suitable with AdBlue®.
- ▶ Heavy duty aluminium handle.
- ▶ 4m delivery hose supplied as standard.
- ▶ Manual nozzle with stainless steel tip.
- ▶ Flexible suction hose with CDS connector.
- ▶ For more information on AdBlue® see page 90.

Stock Code	Description	Flow Rate	Suction	Delivery
MSS.AB	Rotary pump IBC kit for AdBlue®	25L/min	1.5m hose	4m hose



MSSPA

## Rotary Hand Pump Stainless Steel - AdBlue®

- ▶ Suitable with AdBlue®. Piusi full rotary action pump.
- ▶ Self-priming. Smooth operation from rolling grip handle.
- ▶ Grooved locking system stops the adaptor spinning on the drum.
- ▶ Pump only (F00332A00).
- ▶ HYTEK ENGINEERED Kit (MSSPA) includes:  
4m delivery hose, manual nozzle with latch & 3 part suction tube.

Stock Code	Description	Flow Rate	Suction	Delivery	Inlet/Outlet	Mounting
MSSPA	Rotary pump kit for AdBlue®	27L/min	3-part down tube	4m hose	1" M BSPP	Trisure/Valorex
F00332A00	Rotary pump only for AdBlue®	27L/min	3-part down tube	19mm tail	1" M BSPP	Trisure/Valorex



MSS25

## Rotary Drum Hand Pump - Cast Iron

- ▶ Suitable with diesel, biodiesel up to B30 or oils to SAE 90.
- ▶ Cast iron rotary action drum pump.
- ▶ Flow rate 27L/min.
- ▶ 2 year warranty.
- ▶ **Only sold in multiples of 4.**
- ▶ For large quantities please contact us for a quotation.

Stock Code	Description	Flow Rate	Suction	Mounting
MSS25	Rotary pump kit	27L/min	320mm - 1m (3-piece) pipe	2" M BSPP



MSS21

## Rotary Drum Hand Pump - Cast Iron

- ▶ Suitable with diesel, biodiesel up to B30 or oils to SAE 90.
- ▶ Compact version cast iron rotary action drum pump.
- ▶ Available singularly or in multiples of 4.
- ▶ Flow rate 27L/min.
- ▶ 2 year warranty.
- ▶ Ideal for trade counters. Packed in a coloured display box.
- ▶ For large quantities please contact us for a quotation.

Stock Code	Description	Flow Rate	Suction	Mounting
MSS21	Rotary pump kit	27L/min	320mm - 1m (3-piece) pipe	2" M BSPP

## Rotary IBC Hand Pump Kit - Diesel & Oils

- ▶ Intermediate bulk container (IBC) side mounted, pump kit.
- ▶ Suitable with diesel & oils to SAE 90.
- ▶ Heavy duty aluminium handle.
- ▶ 4m delivery hose supplied as standard.
- ▶ Manual nozzle (NOZ.S3000).
- ▶ Flexible suction hose with CDS connector.

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NEW



MSS.D

Stock Code	Description	Flow Rate	Suction	Delivery
MSS.D <b>NEW</b>	Rotary IBC hand pump kit - diesel	25L/min	2.5m hose	4m hose

## Rotary Hand Pump- Heavy Duty

- ▶ Suitable with diesel or biodiesel up to B30, light oils & petrol.
- ▶ Precision aluminium body with cast iron rotor & vanes.
- ▶ Padlock facility prevents unauthorised use.
- ▶ Fully serviceable & spares available.
- ▶ ATEX certified.
- ▶ Kit version.
- ▶ Pump, telescopic suction pipe, outlet hose & spout (HP112).
- ▶ 2 year warranty.

FILL-RITE

2 YEAR



HP112

Stock Code	Description	ATEX	Flow Rate	Suction	Delivery	Inlet/Outlet	Mounting
HP110	Rotary hand pump only	Yes	35L/min	-	-	1"/3/4" F BSPT	2" M BSPT
HP112	Rotary hand pump kit	Yes	35L/min	500 - 900mm pipe	2.5m hose	1"/3/4" F BSPT	2" M BSPT

## Rotary Hand Pump - Ryton

- ▶ Suitable with liquid foodstuffs, juice, milk, wine, cooking oils, water, vinegar & liquid additives.
- ▶ Ryton, 304 stainless steel & Teflon.
- ▶ Rotary action drum pump.
- ▶ 3 piece suction pipe.
- ▶ Drum adaptor.



MSSRS

Stock Code	Description	Flow Rate	Suction	Mounting
MSSRS	Rotary pump kit - Ryton	25L/min	1m (3-piece) pipe	2" M BSPP

## Rotary Hand Pump – High Speed

- ▶ Suitable with petrol, diesel & oils up to SAE 30.
- ▶ Geared rotary pump.
- ▶ Empties a 205 drum in 3 minutes.
- ▶ Suits 50 - 205L drums.
- ▶ Delivery hose with outlet spout & built in spout hanger.



HPRHC

Stock Code	Description	Flow Rate	Suction	Delivery	Mounting
HPRHC	High speed rotary pump kit	70L/min	320mm - 1m (3-piece) pipe	1.3m hose	2" M BSPP



SRG0A

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## Semi Rotary Hand Pumps - K Series

- ▶ Suitable with diesel, light oils & water.
- ▶ Semi rotary, double acting.
- ▶ Cast iron body with brass internals.
- ▶ Flanged in-line threaded ports.
- ▶ Choose: ½" K0 version - ¾" K1 version - 1" K2 version.
- ▶ Note: never mount horizontally.
- ▶ 2 year warranty.

Stock Code	Description	Flow Rate	Inlet/Outlet	Lift/Head	Weight	Box Qty
SRG0A	½" BSP (K0)	11L/min	½" F BSPP	7m/25m	6kg	30
SRG1A	¾" BSP (K1)	17L/min	¾" F BSPP	7m/25m	7kg	25
SRG2A	1" BSP (K2)	22L/min	1" F BSPP	7m/25m	9kg	15



SRG2A.KIT

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## Semi Rotary Hand Pump Kit - 1"

- ▶ This kit directly fits into a 2" socket.
- ▶ For use on 205L drums & tanks up to 1.5m deep.
- ▶ Suitable with diesel & light oils.
- ▶ Comprises: Semi rotary hand pump - Outlet hose - Tank/pump connector.
- ▶ Manual nozzle - Nozzle holster - Suction hose & foot valve.

Stock Code	Description	Suction	Delivery	Mounting
SRG2A.KIT	1" BSP (K2) hand pump kit	1.5m hose	4m hose	2" M BSPT



HP80



## Diaphragm Hand Pump

- ▶ Designed as a bilge pump for surface mounting on the deck/bulkhead.
- ▶ Body & ports can be positioned 96 different ways.
- ▶ Suitable with clean or dirty diesel, water & oils to SAE 90.
- ▶ Pumps dirty & contaminated liquids with solids up to 12.5mm (with 1" hose tails) or 18mm (with 1½" hose tails).
- ▶ Polypropylene body with nitrile diaphragms.
- ▶ Stainless steel fastenings.
- ▶ Stainless steel removable handle.
- ▶ Dimensions 210mm H (incl. handle 380mm) x 176mm W x 120mm D.

Stock Code	Description	Flow Rate	Inlet/Outlet	Lift/Head
HP80	Diaphragm pump only	80L/min	1" or 1½" hose tails	6m/4.5m



HPW

## WHALE Diaphragm Hand Pump - Urchin



- ▶ Suitable with clean or dirty: diesel, water & oils to SAE 90.
- ▶ Pumps dirty & contaminated liquids with up to 10mm solids.
- ▶ Ideal for pumping from generator sets.
- ▶ Made from glass filled polypropylene with nitrile seals.
- ▶ Hose tails accept both 1" & 1½" hoses.

Stock Code	Description	Flow Rate	Inlet/Outlet
HPW	Diaphragm pump only 47 - 68L/min	47L/min (1") or 68L/min (1½")	1" or 1½" hose tail



## Diaphragm Hand Pump - Double Acting

- ▶ This double diaphragm hand pump with removable handle & cranked rocker arm makes it an ideal choice for bowser/tank manufacturers.
- ▶ Suitable with clean or dirty diesel, water & oils to SAE 90.
- ▶ Pumps dirty & contaminated liquids up to 18mm solids.
- ▶ Lightweight cast aluminium body with high nitrile diaphragms.
- ▶ Self-priming.
- ▶ Dimensions 240mm (Incl handle 600mm) H x 156mm D x 200mm W.
- ▶ Please note: suction hose must be reinforced (SH25.HN).



HP70C

Stock Code	Description	Flow Rate	Inlet/Outlet	Lift/Head
HP70C	Diaphragm pump only 70L/min	70L/min	1" hose tails	6m/4.5m
SH25.HN	Suction hose (per m) 1"	-	-	-

## Diaphragm Hand Pump - High Capacity

- ▶ Suitable with diesel, biodiesel up to B30 or water.
- ▶ Cast aluminium body with nitrile diaphragms.
- ▶ Pumps dirty & contaminated liquids with up to 10mm solids.
- ▶ Supplied with foot plate & removable operating handle.
- ▶ Suction & delivery hose available (GHM150).
- ▶ Suction strainer.
- ▶ Self-priming.
- ▶ Spares available on request.
- ▶ An ideal site pump often used to empty manhole chambers fast.



HP120

Stock Code	Description	Flow Rate	Inlet/Outlet	Lift/Head
HP120	Diaphragm hand pump & accessories	120L/min	1½" hose tail	4m/6m
GHM150	1½" bore suction & delivery hose, p/mtr	-	-	-
WD32/AZ	Hose worm drive clamp (32-50mm)	-	-	-

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**Pumps for AdBlue® 90**

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## Battery Submersible Pump Kit

- ▶ Suitable with diesel, biodiesel B30 & water to 80°C.
- ▶ Length 165mm, diameter 50mm.
- ▶ Centrifugal submersible pump.
- ▶ 2.8m outlet hose (½"). (500 hour life expectancy).
- ▶ 3m long battery cable & croc clips. Weight 0.4kg.
- ▶ Max working pressure 15 psi (1 bar).
- ▶ Continuously rated for periods up to 1 hour. Do not run dry.

Stock Code	Description	Diameter	Voltage	Max Flow
12SPA.KIT	12V submersible pump kit	50mm	12V	18L/min

**Adam Pumps**



## Battery Transfer Pump

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Ideal for mounting into plant equipment, excavators etc.
- ▶ Direct drive vane pumping unit with bypass valve.
- ▶ Foot mounting plate.
- ▶ Weatherproof to IP54 for outdoor use.
- ▶ C/w suction strainer.

**12P40**

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12P40	12V pump only 40L/min	30min	12V	40L/min	¾" F BSPP
24P40	24V pump only 40L/min	30min	24V	40L/min	¾" F BSPP

**PIUSI**



## Battery Transfer Pump Oil - Viscomat DC 60/2

- ▶ Suitable with clean oil up to SAE 50.
- ▶ Gear pump with bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ C/w switch, 4m long battery cable & croc clips.

**VISCO.12**

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
VISCO.12	12V pump with switch 10L/min	30min	12V	10L/min	¾" F BSPP
VISCO.24	24V pump with switch 10L/min	30min	24V	10L/min	¾" F BSPP

## Battery Transfer Pump - 40L/Min

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Ideal for mounting into plant equipment, excavators etc.
- ▶ Direct drive vane pumping unit with bypass valve.
- ▶ Foot mounting plate. Weatherproof to IP54 for outdoor use.
- ▶ C/w switch, carry handle, 4m long battery cable & croc clips.

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12PA.BARE

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12PA.BARE	12V pump with switch 40L/min	30min	12V	40L/min	3/4" F BSPP
24PA.BARE	24V pump with switch 40L/min	15min	24V	40L/min	3/4" F BSPP

## High Speed Battery Transfer Pump - 62L/Min

- ▶ Faster flow rate than most battery pumps.
- ▶ 62L/min when using a 1" hose & manual nozzle.
- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Ideal for mounting into plant equipment, excavators etc.
- ▶ Direct drive vane pumping unit with bypass valve.
- ▶ Foot mounting plate. Weatherproof to IP54 for outdoor use.
- ▶ C/w switch, carry handle, 4m long battery cable & croc clips.

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12H

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12H	12V pump with switch 62L/min	15min	12V	62L/min	1" F BSPP

## Dual Voltage Transfer Pump - 35/70L/Min

- ▶ Pumps at 35L/min on 12V & 70L/min on 24V.
- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Ideal for mounting into plant equipment, excavators etc.
- ▶ Direct drive vane pumping unit with bypass valve.
- ▶ Foot mounting plate. Weatherproof to IP54 for outdoor use.
- ▶ C/w switch, carry handle, 4m long battery cable & croc clips.

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12HD

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12HD	12/24V with switch 35/70L/min	12V 30min/24V 15min	12/24V	35/70L/min	1" F BSPP

## Cased Battery Transfer Pump - 40L/Min

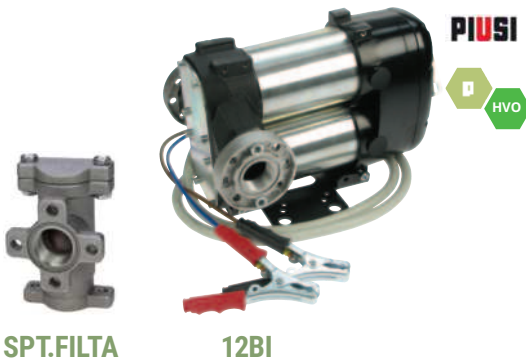
- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Sturdy steel case c/w switch & carry handle.
- ▶ Direct drive vane pumping unit with bypass valve.
- ▶ Weatherproof to IP54 for outdoor use.
- ▶ 4m long battery cable & croc clips.

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12PA.CASE

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12PA.CASE	12V pump with switch 40L/min	30min	12V	40L/min	3/4" F BSPP
24PA.CASE	24V pump with switch 40L/min	15min	24V	40L/min	3/4" F BSPP



## Battery Transfer BI Pump – High Speed

- ▶ Piusi BI pump suitable with diesel or biodiesel to B5.
- ▶ Direct drive vane pumping unit with bypass valve.
- ▶ Foot mounting plate. Weatherproof to IP55 for outdoor use.
- ▶ C/w switch, 2m battery cable & croc clips.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12BI	12V pump with switch 85L/min (363010)	30min	12V	85L/min	1" F BSPP
24BI	24V pump with switch 85L/min (363030)	30min	24V	85L/min	1" F BSPP
SPT.FILTA	Angled inlet filter	-	-	-	1" F BSPP



## Battery Transfer Pump – AdBlue®

- ▶ Suitable with AdBlue®.
- ▶ Self priming diaphragm pump & bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ C/w switch, 2m long battery cable & croc clips.
- ▶ Dispensing/suction hose, foot valve & nozzle available
- ▶ 2 year parts warranty.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
AB.12PSC40A	12V AdBlue® pump with switch	20min	12V	34L/min	1" M BSPP/¾" hose tails
AB.24PSC40A	24V AdBlue® pump with switch	20min	24V	34L/min	1" M BSPP/¾" hose tails



## On Demand Diaphragm Pump

- ▶ Suitable with agricultural chemicals or water.
- ▶ DP12.4 - 2 piston type pump.
- ▶ All other pumps are 4 piston type pumps.
- ▶ Built in pressure/demand switch.
- ▶ Self priming to 2m. EPDM diaphragm.
- ▶ Can be run dry. Max run time 30 mins.
- ▶ Polypropylene pump housing. Temperature rating 5 - 50°C.
- ▶ For spraying & transferring liquids. Ideal for use with:
  - ATV mounted sprayers
  - Horticultural spraying equipment
  - Portable water systems
  - Pole window cleaning



- The following pumps include:
- ▶ DP12.4 - ¾" fixed hose tail.
  - ▶ DP12.17, DP220.17 & DP110.17 - 1 x plug in - ½" threaded elbow, 1 x plug in elbow - ¾" hose tail, 1 x ¾" plug in hose tail.

Stock Code	Description	Voltage	Max Flow	Switch
DP12.4	12V 4L/min 35 psi (2.4 bar)	12V	4L/min	35psi (2.4 bar)
DP12.17	12V 17L/min 40 psi (2.8 bar)	12V	17L/min	40psi (2.8 bar)
DP220.17	230V 17L/min 40 psi (2.8 bar)	230V	17L/min	40psi (2.8 bar)
DP110.17	110V 17L/min 40 psi (2.8 bar)	110V	17L/min	40psi (2.8 bar)



# BRANDED BATTERY PUMP KITS

- ADD YOUR LOGO, NAME AND CONTACT DETAILS
- PACKAGED IN COLOURFUL BOXES
- READY FOR TRADE COUNTER USE
- LOW VOLUME BRANDING AVAILABLE

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## Why Buy HYTEK ENGINEERED Battery Pump Kits

- ▶ Our 12 & 24V diesel pump kits are designed to make onsite refuelling easy & clean.
- ▶ Designed with the user in mind.
- ▶ Supplied as a complete kit, everything is in one box.
- ▶ HYTEK engineers developed components with their suppliers to ensure quality.
- ▶ Kits contain 6m of hose for suction/delivery. Most other kits have 4m.
- ▶ The pump has 4m cables & croc clips. Most other kits have 2m.
- ▶ All kits contain a non-return valve with a built-in strainer to keep the pump primed.
- ▶ Fills a 200 litres tank in 5 minutes.

*your telephone number*

*www.yourwebsite.co.uk*





12PA.K1BE

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## Economy Battery Pump Kit - 40L/Min - Bare

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ This economy unit comes with a polyethylene manual nozzle.
- ▶ Plastic foot valve/strainer.
- ▶ Carry handle. On/off switch & bypass valve.
- ▶ 4m long battery cable & croc clips. 6m suction/delivery hose.
- ▶ Suction foot valve & strainer must be fitted or warranty void.
- ▶ Weatherproof to IP54 for outdoor use.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Inlet/Outlet
12PA.K1BE	12V economy manual nozzle kit - bare	30min	12V	40L/min	3/4" F BSPP



12PA.K1CE

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## Economy Battery Pump Kit - 40L/Min - Cased

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ This economy unit comes with a polyethylene manual nozzle.
- ▶ Plastic foot valve/strainer.
- ▶ Carry handle. On/off switch & bypass valve.
- ▶ 4m long battery cable & croc clips. 6m suction/delivery hose.
- ▶ Suction foot valve & strainer must be fitted or warranty void.
- ▶ Weatherproof to IP54 for outdoor use.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Inlet/Outlet
12PA.K1CE	12V economy manual nozzle kit - cased	30min	12V	40L/min	3/4" F BSPP



12PA.KIT1B

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## Bare Battery Portable Pump Kit - 40L/Min

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ This standard unit comes with an aluminium manual nozzle.
- ▶ Brass foot valve/strainer.
- ▶ Carry handle. On/off switch & bypass valve.
- ▶ 4m long battery cable & croc clips. 6m suction/delivery hose.
- ▶ Suction foot valve & strainer must be fitted or warranty void.
- ▶ Weatherproof to IP54 for outdoor use.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12PA.KIT1B	12V manual nozzle kit - bare	30min	12V	40L/min	3/4" F BSPP
24PA.KIT1B	24V manual nozzle kit - bare	15min	24V	40L/min	3/4" F BSPP
12PA.KIT2B	12V automatic nozzle kit - bare	30min	12V	40L/min	3/4" F BSPP

## Cased Battery Portable Pump Kit - 40L/Min

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ This standard unit comes with an aluminium manual nozzle.
- ▶ Brass foot valve/strainer.
- ▶ Carry handle. On/off switch & bypass valve.
- ▶ 4m long battery cable & croc clips. 6m suction/delivery hose.
- ▶ Suction foot valve & strainer must be fitted or warranty void.
- ▶ Weatherproof to IP54 for outdoor use.



12PA.KIT1C

Stock Code	Description	Max Run Time	Voltage	Max Flow	Inlet/Outlet
12PA.KIT1C	12V manual nozzle kit - cased	30min	12V	40L/min	¾" F BSPP
24PA.KIT1C	24V manual nozzle kit - cased	15min	24V	40L/min	¾" F BSPP

## High Speed Battery Portable Pump Kit - 50L/Min

- ▶ Faster kit delivers 200 litres in 4 minutes.
- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ This standard unit comes with an aluminium manual nozzle.
- ▶ Brass foot valve/strainer.
- ▶ Carry handle & foot mounting plate.
- ▶ On/off switch & bypass valve.
- ▶ 4m long battery cable & croc clips. 6m suction/delivery hose.
- ▶ Suction foot valve & strainer must be fitted or warranty void.
- ▶ Weatherproof to IP54 for outdoor use.



12H.K

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12H.K	12V 50L/min manual nozzle kit	15min	12V	50L/min	¾" F BSPP
12H.KA	12V 50L/min automatic nozzle kit	15min	12V	50L/min	¾" F BSPP

## Dual Volt Battery Portable Pump Kit - 35/70L Min

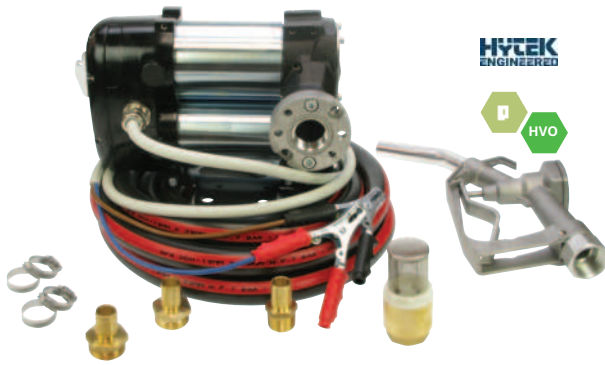
- ▶ Pumps at 35L/min on 12V & 70L/min on 24V.
- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ This standard unit comes with an aluminium manual nozzle.
- ▶ Brass foot valve/strainer.
- ▶ Carry handle & foot mounting plate.
- ▶ On/off switch & bypass valve.
- ▶ 4m long battery cable & croc clips. 6m suction/delivery hose.
- ▶ Suction foot valve & strainer must be fitted or warranty void.
- ▶ Weatherproof to IP54 for outdoor use.



12HD.K

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12HD.K	Dual voltage manual nozzle kit	12V 30min/24V 15min	12/24V	35/70L/min	¾" F BSPP





12BIKIT

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## High Speed Battery BI Pump Kit – 80L/Min

- ▶ Suitable with diesel or biodiesel up to B5.
- ▶ Piusi direct drive vane pumping unit with bypass valve.
- ▶ C/w switch, 2m long battery cable & croc clips.
- ▶ Foot mounting plate. Weatherproof to IP54 for outdoor use.
- ▶ 6m suction/delivery hose.
- ▶ Suction foot valve & strainer must be fitted or warranty void.
- ▶ Option: manual or automatic shut off nozzles.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
12BIKIT	12V pump kit 80L/min - manual nozzle	30min	12V	80L/min	1" F BSPP
24BIKIT	24V pump kit 80L/min - manual nozzle	30min	24V	80L/min	1" F BSPP
12BIKIT2	12V pump kit 80L/min - automatic nozzle	30min	12V	80L/min	1" F BSPP
24BIKIT2	24V pump kit 80L/min - automatic nozzle	30min	24V	80L/min	1" F BSPP



OIL.GEL220



## 230V Pump – Oil

- ▶ Suitable with clean oils up to SAE 90.
- ▶ Eccentric pump unit. Max suction lift 1m.
- ▶ C/w switch, bypass valve & 2m mains cable.
- ▶ Foot mounting plate. Weatherproof to IP55.

Stock Code	Description	Voltage	Max Flow	Ports
OIL.GEL220	230V 20L/min	230V	20L/min (SAE 30 @ 20°C)	¾" F BSPP with 1" hose tail



VISCO.90

PIUSI



## 230V/110V Pump Viscomat 70M/90M – Oil

- ▶ Suitable with clean oils up to SAE 90.
- ▶ Piusi vane pump unit. Max suction lift 1m.
- ▶ C/w switch, bypass valve & 2m mains cable.
- ▶ Foot mounting plate.
- ▶ Weatherproof to IP55.

Stock Code	Description	Voltage	Max Flow	Ports
VISCO	230V pump 25L/min (334900) 70M	230V	25L/min (SAE 30 @ 20°C)	1" F BSPP
VISCO.110	110V pump 25L/min (50-60Hz) (339900) 70M	110V	25L/min (SAE 30 @ 20°C)	1" F BSPP
VISCO.90	230V pump 50L/min (303M00) 90M	230V	50L/min (SAE 30 @ 20°C)	1" F BSPP



VISCO.KIT

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## 230V/110V Pump Kit Viscomat 70M/90M – Oil

- ▶ Suitable with diesel or biodiesel & clean oils up to SAE 90.
- ▶ This kit fits directly into a 2" BSPP socket, for use on 205L drums & tanks up to 1.5m deep.
- ▶ Comprises: Piusi pump. 4m x ¾" outlet hose.
- ▶ Manual nozzle & nozzle holster. Drum/tank connector.
- ▶ Suction hose & foot valve. Junction box & 1.5m mains cable.
- ▶ These kits use the Piusi Viscomat Pumps.

Stock Code	Description	Max Run Time	Voltage	Max Flow
VISCO.KIT	230V kit 20L/min (Viscomat 70M)	10min	230V	20L/min (SAE 30 at 20°C)
VISCO.110K	110V kit 20L/min (Viscomat 70M)	10min	110V	20L/min (SAE 30 at 20°C)
VISCO.KITH	230V kit 50L/min (Viscomat 90M)	10min	230V	50L/min (SAE 30 at 20°C)

## 230V Pump – AdBlue®

- ▶ Suitable with AdBlue®.
- ▶ Self priming diaphragm pump & bypass valve.
- ▶ C/w switch & 1.8m mains cable.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Dispensing/suction hose, foot valve & nozzle available.
- ▶ 2 year parts warranty.

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2 YEAR



AB.PA

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
AB.PA	230V pump & motor only	20min	230V	35L/min	1" M BSPP with ¾" hose tail

## 230V/110V AdBlue® Pump - Suzzara

- ▶ Suitable with Adblue®. C/w switch & 2m mains cable.
- ▶ Piusi self priming membrane pump & bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Options choose:  
(AB.P) 230V or (AB.P.110) 110V  
(AB.PT) 230V pump with timer, turns off pump after 6 minutes to prevent damage.
- ▶ Dispensing/suction hose, foot valve & nozzle available.

PIUSI



AB.P

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
AB.P	230V pump & motor only	20min	230V	34L/min	1" M BSPP with ¾" hose tail
AB.PT	230V pump in switch & 6 min timer	6min	230V	34L/min	1" M BSPP with ¾" hose tail
AB.P.110	110V 50/60Hz pump & motor only	20min	110V	28L/min	1" M BSPP with ¾" hose tail

## 230V Submersible Pump - Shark SQUALO35

- ▶ Suitable with Adblue®.
- ▶ This Piusi pumps fits inside storage tanks.
- ▶ 0.75 HP. Continuously rated, with 11 minute timer.
- ▶ Stainless steel housing. Height 360mm x diameter 140mm.
- ▶ Max immersion 5m. Min 30mm suction level.
- ▶ Max temperature of liquid 40°C.
- ▶ C/w integral pressure regulator (PRV not required) & check valve.
- ▶ 5m power cable. Mesh strainer.

PIUSI



SUB.5T

Stock Code	Description	Max Run Time	Voltage	Motor	Max Flow	Outlet
SUB.5T	230V pump with 11 minute timer	11min	230V	0.56kW	35L/min	1" F BSP

## 230V Submersible Pump for Storage Tanks

- ▶ Suitable with AdBlue®, clean water or diesel.
- ▶ This pumps fits inside storage tanks.
- ▶ 0.75 HP. Continuously rated.
- ▶ Stainless steel housing. Height 430mm x diameter 130mm.
- ▶ Max immersion 20m. Max temperature of liquid 35°C.
- ▶ Pumps solids with a max diameter of 2mm.
- ▶ If used with nozzle/valve as means of control, a pressure relief valve must be used or warranty void.



SUB.4



SUB.PR.V

Stock Code	Description	Voltage	Motor	Max Flow	Outlet
SUB.4	230V pump	230V	0.55kW	75L/min at 18m head	1¼" F BSPP
SUB.PR.V	1" Pressure relief valve for SUB.4	-	-	-	-
TEE.5SS	1¼" BSP tee stainless steel for SUB.PR.V	-	-	-	-
BSH.5.4SS	1¼" -1" BSP reducing bush for SUB.PR.V	-	-	-	-
NIP.5SS	1¼" BSP nipple stainless steel for SUB.PR.V	-	-	-	-



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B100  
HVO


## 230V Diesel Pump – 56L/Min

- ▶ This pump is recognised as a quality product giving customers an alternative to other popular brands
- ▶ Can replace similar type pumps as the inlet outlet ports, height, location & distance between ports & the footprint are the same as many other models. Contact us for further details.
- ▶ Thousands have been installed over the last 12 years.
- ▶ Suitable with diesel or biodiesel up to B100 as indicated.
- ▶ Direct drive, self priming, vane pump units.
- ▶ Noise level 76dB (SPT60A only).
- ▶ C/w switch, 2m long mains cable & plug.
- ▶ Integral filter & bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Spares available.
- ▶ When pumping B100 biodiesel at low temperatures the flow rate will be reduced.
- ▶ 2 year parts warranty.

### SPT60A

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
SPT60A	230V 56L/min B30 (50Hz)	30min	230V	56L/min	1" F BSPP
SPT60A.B	230V 56L/min B100 (50Hz)	30min	230V	56L/min	1" F BSPP

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B30  
HVO


## 230V Diesel Pump Portable Kit – 56L/Min

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Automatic nozzle supplied as standard to help prevent fuel spills.
- ▶ 2m long suction hose foot valve/strainer.
- ▶ 6m long delivery hose to ease fuelling.
- ▶ Direct drive, self priming, vane pumping unit.
- ▶ C/w switch & 2m long mains cable.
- ▶ Integral filter & bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ 2 year parts warranty.

### SPT60A.K2

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
SPT60A.K2	230V automatic nozzle kit (50Hz)	30min	230V	56L/min	1" F BSPP

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B100  
HVO


## 230V Diesel Pump – 80 & 100L/Min

- ▶ Suitable with diesel or biodiesel up to B100.
- ▶ Direct drive, self priming, vane pumping units.
- ▶ C/w switch & 2m long mains cable. Filter & bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Spares available.
- ▶ When pumping B100 biodiesel at low temperatures the flow rate will be reduced.
- ▶ 2 year parts warranty.

### SPT80A

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
SPT80A	230V 80L/min (50Hz)	30min	230V	80L/min	1" F BSPP
SPT120A	230V 100L/min (50Hz)	30min	230V	100L/min	1" F BSPP

## 230V Diesel Pump – 66L/Min

- ▶ Pumping at 10 litres faster at 66L/min than similar pumps makes it ideal to fill all types of vehicles.
- ▶ Can replace similar type pumps as the inlet/outlet ports height, location & distance between ports & the footprint are the same as many others. Contact us for further details.
- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Direct drive, self priming, vane pump unit.
- ▶ Noise level only 70dB.
- ▶ C/w switch, 2m mains cable & plug.
- ▶ Integral filter & bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Spares available.


**SPT66K**

Stock Code	Description	Voltage	Max Flow	Ports
SPT66K	230V 66L/min (replaces SPT70K) (50-60Hz)	230V	66L/min	1" F BSPP

## 230V Diesel Pump – 80 & 100L/Min

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Direct drive, self priming, vane pumping unit.
- ▶ C/w switch & 2m mains cable.
- ▶ Integral filter & bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Spares available


**SPT80K**

Stock Code	Description	Voltage	Max Flow	Ports
SPT80K	230V 80L/min (50-60Hz)	230V	80L/min	1" F BSPP
SPT100K	230V 100L/min (50-60Hz)	230V	100L/min	1" F BSPP

## 230V Diesel Pump Kit IBC Mount - 56L/Min

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Designed to fit 1,000 litre Intermediate Bulk Containers.
- ▶ Supplied as a complete kit. Bracket mounts to the side of IBC.
- ▶ 4m x 1" delivery hose. Suction hose & IBC top seal (MT.BUNG.N).
- ▶ Automatic nozzle & meter.
- ▶ Self priming vane pump, bypass valve & integral filter.
- ▶ C/w switch, 2m long mains cable & plug.
- ▶ Built in nozzle hanger.
- ▶ Weatherproof to IP55 for outdoor use.


**SPS.I**

Stock Code	Description	Voltage	Max Flow	Accuracy
SPS.I	230V 56L/min with meter	230V	56L/min	+/-2%

**PIUSI**


## 230V/110V - Panther Diesel Pump


**SPT56**

- ▶ Piusi Panther 56/72/90 transfer pumps.
- ▶ Suitable with diesel or biodiesel up to B5.
- ▶ Direct drive, self priming, vane pump units.
- ▶ C/w switch & 2m long mains cable.
- ▶ Integral filter & bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Spares available.

Stock Code	Description	Voltage	Max Flow	Ports
SPT56	230V 56L/min (50Hz) (730000)	230V	56L/min	1" F BSPP
SPT56.110	110V 56L/min (50Hz) (730380)	110V	56L/min	1" F BSPP
SPT72	230V 72L/min (50Hz) (732000)	230V	72L/min	1" F BSPP
SPT90	230V 90L/min (50Hz) (733020) 30min duty cycle	230V	90L/min	1" F BSPP

**PIUSI**


## 230V/110V E80/E120 Diesel Pump


**EP80**

- ▶ Piusi EP80/120 transfer pumps.
- ▶ Suitable with diesel or biodiesel up to B5.
- ▶ Direct drive, self priming, vane pump units.
- ▶ Inlet filter optional (SPT.FILTA).
- ▶ C/w switch & 2m long mains cable.
- ▶ Integral bypass valve.
- ▶ Weatherproof to IP55 for outdoor use.


**SPT.FILTA**  
(Optional)

Stock Code	Description	Voltage	Max Flow	Ports
EP80	230V 75L/min (50Hz) (305000) filter optional	230V	75L/min	1" F BSPP
EP120	230V 100L/min (50Hz) (326000) filter optional	230V	100L/min	1" F BSPP
EP120.110	110V 100L/min (50/60Hz) (32700A) filter optional	110V	100L/min	1" F BSPP
SPT.FILTA	Optional angled inlet filter	-	-	1" F BSPP



## 230V Cube 56/70 & 90 - Diesel Pump +/- 1%

- ▶ The Piusi cube range of pumps are low cost & easy to operate for the small fleet operator & when meter accuracy is not of up most importance. Can be used with new or existing above ground fuel storage tanks.
- ▶ Ideal for refuelling cars, vans, light trucks, agricultural machines plant, forklift trucks & refrigeration units on trailers.
- ▶ Suitable with diesel & biodiesel upto B5.
- ▶ Weatherproof to IP55. Self priming pump unit.
- ▶ Integral filter & bypass valve.
- ▶ Nozzle operated motor off prevents the pump being left on.
- ▶ 3 digit register, 6 digit non resettable totaliser.
- ▶ 4m x 3/4" delivery hose with 1" ends & automatic nozzle.
- ▶ Dimensions 297mm H x 378mm W x 430mm D.
- ▶ Options:  
(CUBECON.1) drum/direct tank adaptor.  
(CUBEWB) wall brackets.  
(CUBE70.PED) floor mount pedestal.



Stock Code	Description	Voltage	Max Flow	Accuracy
CUBE53	56L/min, 3 digit (57500C)	230V	56L/min	+/- 1%
CUBE53P	As above with pulser for connection to FMS	230V	56L/min	+/- 1%
CUBE70	70L/min, 3 digit (59100A)	230V	70L/min	+/- 1%
CUBE90	90L/min, 4 digit (59200A) 30min duty cycle	230V	90L/min	+/- 1%
CUBEWB	Wall mounting brackets/kit (F12737)	-	-	-
CUBE70.PED	CUBE floor mount pedestal (F12708)	-	-	-
CUBECON.1	1" M BSPP x 2" M BSPT adaptor 1" F BSPP inlet	-	-	-

## 230V Compact Diesel Pump +/- 1%

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Manual on/off switch.
- ▶ 4 digit resettable register. 8 digit non resettable totaliser.
- ▶ C/w switch, integral filter & bypass valve.
- ▶ Weatherproof to IP55.
- ▶ Automatic nozzle supplied as standard to help prevent fuel spills.
- ▶ 4m delivery hose.
- ▶ Self priming pump unit.
- ▶ Dimensions 300mm H x 350mm W x 500mm D (including nozzle).
- ▶ 2 year parts warranty.



Stock Code	Description	Voltage	Max Flow	Accuracy
ECON45	230V 45L/min, 4 digit, automatic nozzle	230V	45L/min	+/- 2%
ECON75	230V 75L/min, 4 digit, automatic nozzle	230V	75L/min	+/- 2%

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SPS.PE

## Spectra Diesel Pump +/-2%

- ▶ The SPECTRA pump range for dispensing diesel & biodiesel up to B30 are compact, low cost & easy to operate units for the small fleet operator.
- ▶ Can be used with new or existing above ground fuel storage tanks.
- ▶ Ideal for refuelling cars, vans, light trucks, agricultural machines plant, forklift trucks & refrigeration units on trailers.
- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Self priming vane pump unit.
- ▶ Integral filter, bypass valve & on/off switch.
- ▶ Nozzle can be locked.
- ▶ Non resettable totaliser.
- ▶ 4m delivery hose & automatic nozzle.
- ▶ Weatherproof to IP55.
- ▶ Designed to accept top or bottom entry pipework.
- ▶ Mains junction box.
- ▶ Mounting plate has key hole fixings for easy install.
- ▶ Built in nozzle hanger.
- ▶ Dimensions vary depending on model chosen, see below.
- ▶ 2 year parts warranty.

Stock Code	Description	Dimensions	Voltage	Max Flow	Accuracy
SPS.PE	230V 56L/min, 4 digit	500mm H x 490mm W x 285mm D	230V	56L/min	+/- 2%
SPH.PE	230V 75L/min, 4 digit	530mm H x 500mm W x 285mm D	230V	75L/min	+/- 2%
SPU.PE	230V 90L/min, 4 digit, Piusi meter	530mm H x 500mm W x 285mm D	230V	90L/min	+/- 1%

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SPH.PCTE

## Spectra Pump With Security Cabinet

- ▶ Same unit as described above with steel security cabinet.
- ▶ Removable drip tray.
- ▶ Designed to accept top or bottom entry pipe work.
- ▶ Hose & nozzle can be locked away inside cabinet.
- ▶ Hinged steel door with integral locking handle.
- ▶ Finished in grey powder coat.
- ▶ Dimensions 935mm H x 700mm W x 340mm D (closed).
- ▶ 2 year parts warranty.

Stock Code	Description	Voltage	Max Flow	Accuracy
SPS.PCTE	230V 56L/min cabinet & drip tray	230V	56L/min	+/- 2%
SPH.PCTE	230V 75L/min cabinet & drip tray	230V	75L/min	+/- 2%
SPU.PCTE	230V 90L/min cabinet & drip tray, Piusi meter	230V	90L/min	+/- 1%



## Spectra+ Diesel Pump +/-1%

- ▶ Uses the same mounting plate as our SPECTRA pumps opposite fitted with Piusi Panther pumps & Piusi meters.
- ▶ Designed to accept top or bottom entry pipe work.
- ▶ Mains junction box.
- ▶ Mounting plate has key hole fixings for easy install.
- ▶ Built in nozzle hanger.
- ▶ Please note: SPU.PEP has a 30 minute duty cycle.
- ▶ 2 year parts warranty.



SPS.PEP

Stock Code	Description	Dimensions	Voltage	Max Flow	Accuracy
SPS.PEP	230V 56L/min, (SPT56), 3 digit	500mm H x 490mm W x 285mm D	230V	56L/min	+/- 1%
SPM.PEP	230V 72L/min, (SPT72), 3 digit	500mm H x 490mm W x 285mm D	230V	72L/min	+/- 1%
SPU.PEP	230V 90L/min, (SPT90), 4 digit	530mm H x 500mm W x 285mm D	230V	90L/min	+/- 1%

## Spectra+ Diesel Pump & Pulser +/-0.5%

- ▶ SPECTRA+ diesel pumps, use the same mounting plate as pumps opposite, fitted with Piusi Panther pumps & Piusi electronic K600/3P meter. Higher accuracy of +/-0.5%, 4 x better than the standard SPECTRA saving the user money.
- ▶ Electronic Piusi K600/3P meter specification below:  
Meter has a large 80mm wide x 40mm high easy to read display.  
Flow rate indicator.  
5 digit display from 0.001 – 99999, resettable.  
8 digit totalizer 1 – 99999999, non resettable.  
Oval gear meter with pulsed output.  
Meter is construction from aluminium with integral filter.  
Reed switch pulser (does not need an independent power supply).  
Powered by 2 x AA batteries, if powered by a fuel management system eliminates the need for the batteries. 6 - 24V DC.  
Max current 100Ma. Max voltage 28V.  
Single channel, pulses per litre select 1, 2, 5, 10, 20, 50 or 100:1.
- ▶ Please note: SPU.PEE has a 30 minute duty cycle.
- ▶ 2 year parts warranty.



SPS.PEE

Stock Code	Description	Dimensions	Max Flow	Accuracy
SPS.PEE	230V 56L/min, (SPT56), 5 digit with pulsed output	500mm H x 490mm W x 285mm D	56L/min	+/-0.5%
SPM.PEE	230V 72L/min, (SPT72), 5 digit with pulsed output	500mm H x 500mm W x 285mm D	72L/min	+/-0.5%
SPU.PEE	230V 90L/min, (SPT90), 5 digit with pulsed output	530mm H x 500mm W x 285mm D	90L/min	+/-0.5%



## What Is AdBlue®

- ▶ AdBlue®, a water based chemical solution required for vehicles to comply to the Euro 6 directive. AdBlue® is not harmful, however it is corrosive.
- ▶ You must not use a normal fuel pump to dispense AdBlue® as AdBlue® must be kept pure at all times & any contaminants from rubber hoses, seals or metals will cause damage to the vehicles engine causing hefty repair bills.



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AB.12PSC40A

## Battery Transfer Pumps – AdBlue®

- ▶ Suitable with AdBlue®.
- ▶ Self priming diaphragm pump & bypass valve.
- ▶ Weatherproof for outdoor use IP55.
- ▶ C/w switch, 2m long battery cable & croc clips.
- ▶ Dispensing/suction hose, foot valve & nozzle available.
- ▶ 2 year parts warranty.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
AB.12PSC40A	12V pump with switch	20min	12V	34L/min	1" M BSPP/¾" hose tail
AB.24PSC40A	24V pump with switch	20min	24V	34L/min	1" M BSPP/¾" hose tail



HYTEK  
ENGINEERED



AB.12K

## Battery Portable Tank Mount Kits - AdBlue®

- ▶ Designed to be used as a portable pump kit for drums, bowsers or tanks. Supplied as a complete kit.
- ▶ Suitable with AdBlue®.
- ▶ Self priming diaphragm pump & bypass valve.
- ▶ 6m suction/delivery hose. Suction foot valve & strainer.
- ▶ C/w switch & 2m battery cable & croc clips.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Manual shut off nozzle.
- ▶ Available with an automatic shut off nozzle (AB.12KA).
- ▶ 2 year parts warranty.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
AB.12K	12V portable kit manual nozzle	20min	12V	30L/min	-



HYTEK  
ENGINEERED



AB.12BKIT

## Battery Drum Mount Kits - AdBlue®

- ▶ Designed to fit AdBlue® containers using 2" M BSPP/trisure/valorex drum adaptors. Supplied as a complete kit.
- ▶ Suitable with AdBlue®.
- ▶ Self priming diaphragm pump & bypass valve.
- ▶ 6m x ¾" delivery hose & 950mm suction pipe.
- ▶ C/w switch & 2m battery cable & croc clips.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Manual shut off nozzle.
- ▶ 2 year parts warranty.

Stock Code	Description	Max Run Time	Voltage	Max Flow
AB.12BKIT	12V drum kit manual nozzle	20min	12V	30L/min

## 230V IBC Mount Kit – AdBlue®

- ▶ Designed to fit 1000 litre Intermediate Bulk Containers.
- ▶ Supplied as a complete kit. Bracket mounts to the side of IBC.
- ▶ Suitable with AdBlue®.
- ▶ 6m x 3/4" delivery hose. UK manufactured.
- ▶ 1.5m suction hose & SEC connector.
- ▶ C/w switch & 2m battery cable & croc clips.
- ▶ Self priming diaphragm pump & bypass valve.
- ▶ Built in nozzle hanger.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Manual shut off nozzle.
- ▶ 2 year parts warranty.



AB.12IK

Stock Code	Description	Max Run Time	Voltage	Max Flow
AB.12IK	12V IBC kit manual nozzle	20min	12V	30L/min

## 230V Pump – AdBlue®

- ▶ Suitable with AdBlue®.
- ▶ Self priming diaphragm pump & bypass valve.
- ▶ C/w switch & 1.8m mains cable.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Dispensing/suction hose, foot valve & nozzle available.
- ▶ 2 year parts warranty.



AB.PA

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
AB.PA	230V pump & motor only	20min	230V	34L/min	1" M BSPP/3/4" hose tail

## 230V/110V Piusi Suzzara Blue Pump

- ▶ Suitable with AdBlue®.
- ▶ Self priming membrane pump & bypass valve.
- ▶ C/w switch & 2m mains cable.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Options choose:  
(AB.P) 230V or (AB.P.110) 110V  
(AB.PT) 230V pump with timer, turns off pump after 6 minutes to prevent damage.
- ▶ Dispensing/suction hose, foot valve & nozzle available.



AB.P

Stock Code	Description	Max Run Time	Voltage	Max Flow	Ports
AB.P	230V pump & motor only	20min	230V	34L/min	1" M BSPP with 3/4" hose tail
AB.PT	230V pump with switch & 6 min timer	6mins	230V	34L/min	1" M BSPP with 3/4" hose tail
AB.P.110	110V 50/60Hz pump & motor only	20min	110V	28L/min	1" M BSPP with 3/4" hose tail





**AB.BKTMP**

## 230V Top Plate Drum Mount Kit - AdBlue®

- ▶ Top drum mount pump kit, easy to move from drum to drum.
- ▶ Designed to fit AdBlue® containers with a Trisure connector.
- ▶ Supplied as a complete kit. Self priming diaphragm pump & bypass valve, c/w switch & 2m battery cable & croc clips.
- ▶ Suitable with AdBlue®.
- ▶ Weatherproof to IP55.
- ▶ AF2 drum Trisure connector/suction tube assy with built in filter, venting system & non-return valve. 3 part suction tube up to 1050mm long.
- ▶ 2 year parts warranty.

Stock Code	Description	Max Run Time	Voltage	Max Flow
AB.BKTMP	230V top plate mount drum kit	20min	230V	30L/min



**AB.PKIM**

## 230V IBC Mount Kit - AdBlue®

- ▶ Designed to fit 1000 litre Intermediate Bulk Containers.
- ▶ Supplied as a complete kit. Bracket mounts to the side of IBC.
- ▶ Suitable with AdBlue®.
- ▶ 6m x 3/4" delivery hose. UK manufactured hose.
- ▶ 1.5m suction hose & SEC connector.
- ▶ Self priming diaphragm pump & bypass valve.
- ▶ C/w switch & 1.8m mains cable.
- ▶ Built in nozzle hanger. Weatherproof to IP55 for outdoor use.
- ▶ Option: manual or automatic shut off nozzles.
- ▶ 2 year parts warranty.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Accuracy
AB.PKIM	230V manual nozzle	20min	230V	30L/min	-
AB.PKI	230V automatic nozzle	20min	230V	30L/min	-



**AB.PKIA**

## 230V IBC Mount Meter Kit - AdBlue®

- ▶ Designed to fit 1000 litre Intermediate Bulk Containers.
- ▶ Supplied as a complete kit. Bracket mounts to the side of IBC.
- ▶ Suitable with AdBlue®.
- ▶ 6m x 3/4" delivery hose. UK manufactured hose.
- ▶ 1.5m suction hose & SEC connector.
- ▶ Automatic shut off nozzle with stainless steel spout.
- ▶ Built in nozzle hanger. Weatherproof to IP55 for outdoor use.
- ▶ Self priming diaphragm pump & bypass valve.
- ▶ C/w switch & 1.8m mains cable.
- ▶ Kit includes: electronic meter, 5 digit register, 7 digit totaliser.
- ▶ 2 year parts warranty.

Stock Code	Description	Max Run Time	Voltage	Max Flow	Accuracy
AB.PKIA	230V automatic nozzle & meter	20min	230V	30L/min	+/- 1%

## 230V Wall Mount Kit - AdBlue®

- ▶ Designed to be tank or wall mounted.
- ▶ Specially designed for use with AdBlue®.
- ▶ Built in nozzle hanger. Weatherproof to IP55 for outdoor use.
- ▶ Self priming diaphragm pump & bypass valve, c/w switch.
- ▶ 6m x 3/4" delivery hose.
- ▶ Automatic shut off nozzle with stainless steel spout.
- ▶ Dimensions AB.SP - 510mm H x 330mm W x 250mm D.
- ▶ Dimensions AB.SPS - 520mm H x 380mm W x 250mm D.
- ▶ Choose: AB.SP - no meter. AB.SPS - with electronic meter.
- ▶ 2 year parts warranty.



Stock Code	Description	Max Run Time	Voltage	Max Flow	Accuracy
AB.SP	230V automatic nozzle no meter	20min	230V	30L/min	-
AB.SPS	230V automatic nozzle & meter	20min	230V	30L/min	+/- 1%

## 230V Wall Mount Kit With Pulser - AdBlue®

- ▶ Wall/tank mounted pump for AdBlue® for connection to fuel management systems, gives a 10:1 ratio pulsed output.
- ▶ Weatherproof to IP55 for outdoor use.
- ▶ Digital display powered by 2 x AA batteries (included) 5 digit register, 8 digit totaliser, (gives 10:1 pulse output).
- ▶ Turbine pulse meter 88:1 (display above converts to 10:1).
- ▶ Built in nozzle hanger. 6m x 3/4" delivery hose.
- ▶ Automatic shut off nozzle with stainless steel spout.
- ▶ Self priming diaphragm pump & bypass valve, c/w switch.
- ▶ Dimensions 520mm H x 380mm W x 250mm D.
- ▶ 2 year parts warranty.



Stock Code	Description	Max Run Time	Display	Voltage	Max Flow	Accuracy
AB.SPSP	230V & 10:1 pulser	20min	Yes	230V	30L/min	+/- 1%

## Stainless Steel Fittings - AdBlue®

Stock Code	Description
BSH.4.3SS	1" - 3/4" reducing bush s/s
ELB.4FFSS	1" F BSPP Elbow 90° s/s
ELB.4MFSS	1" M x F BSPP, elbow, 90° s/s
ENDGRV.1S	1" BSPT - 25mm hose tail
NIP.3SS	3/4" BSPT nipple s/s
NIP.4.3SS	1" - 3/4" M BSPP nipple s/s
NIP.4HSST	1" M BSPT hex nipple s/s
SKT.4SS	1" F BSPP socket s/s
SWIV.3S	3/4" M BSPP swivel hose tail s/s
UN.4FFSS	1" BSPP Union F x F s/s





## Technical Specification Chart

- Notes: 1. Motor Watts. 550 =  $\frac{3}{4}$ hp, 370W =  $\frac{1}{2}$ hp 2. Fuel pump motors start under load and therefore draw very high initial current. 3. L/min figures are a guide only. Dependent on the tank and interconnecting pipework. 4. Pumps with electronic displays require constant supply voltage. **Continued over page.**

Model	Volts	Amps	Motor Watts	L/min	Biodiesel Grade	Seals	Self Prime	Disp Type	Acc +/-%	See Page
12BI	12	44	520	80	B7	Nitrile	Yes	N/A	N/A	78
12BIKIT	12	44	520	80	B7	Nitrile	Yes	N/A	N/A	82
12BIKIT2	12	44	520	80	B7	Nitrile	Yes	N/A	N/A	82
12H	12	28	330	62	B30	Nitrile	Yes	N/A	N/A	79
12H.K	12	28	330	50	B30	Nitrile	Yes	N/A	N/A	81
12HD	12/24	19/11	420	35/70	B30	Nitrile	Yes	N/A	N/A	77
12HD.K	12/24	19/11	420	35/70	B30	Nitrile	Yes	N/A	N/A	81
12P40	12	18	216	40	B30	Nitrile	Yes	N/A	N/A	76
12PA.BARE	12	22	140	40	B30	Nitrile	Yes	N/A	N/A	77
12PA.CASE	12	22	140	40	B30	Nitrile	Yes	N/A	N/A	77
12PA.K1BE	12	22	140	40	B30	Nitrile	Yes	N/A	N/A	80
12PA.K1CE	12	22	140	40	B30	Nitrile	Yes	N/A	N/A	80
12PA.KIT1B	12	22	140	40	B30	Nitrile	Yes	N/A	N/A	80
12PA.KIT1C	12	22	140	40	B30	Nitrile	Yes	N/A	N/A	81
12PA.KIT2B	12	22	140	40	B30	Nitrile	Yes	N/A	N/A	80
12SPA.KIT	12	4.5	48	18	B30	N/A	Yes	N/A	N/A	76
24BI	24	22	520	80	B7	Nitrile	Yes	N/A	N/A	78
24BIKIT	24	22	520	80	B7	Nitrile	Yes	N/A	N/A	82
24BIKIT2	24	22	520	80	B7	Nitrile	Yes	N/A	N/A	82
24P40	24	10	240	40	B30	Nitrile	Yes	N/A	N/A	76
24PA.BARE	24	12	140	40	B30	Nitrile	Yes	N/A	N/A	77
24PA.CASE	24	12	140	40	B30	Nitrile	Yes	N/A	N/A	77
24PA.KIT1B	24	12	140	40	B30	Nitrile	Yes	N/A	N/A	80
24PA.KIT1C	24	12	140	40	B30	Nitrile	Yes	N/A	N/A	81
AB.12BKIT	12	10	180	30	N/A	Viton	Yes	N/A	N/A	90
AB.12IK	12	10	180	30	N/A	Viton	Yes	N/A	N/A	91
AB.12K	12	10	180	30	N/A	Viton	Yes	N/A	N/A	90
AB.12PSC40A	12	10	180	34	N/A	Viton	Yes	N/A	N/A	90
AB.24PSC40A	24	5	180	34	N/A	Viton	Yes	N/A	N/A	90
AB.P	230	1.85	400	34	N/A	Viton	Yes	N/A	N/A	91
AB.P.110	110	1.95	400	28	N/A	Viton	Yes	N/A	N/A	91
AB.PA	230	1.8	330	34	N/A	Viton	Yes	N/A	N/A	92
AB.PKI	230	1.8	330	30	N/A	Viton	Yes	N/A	N/A	92
AB.PKIA	230	1.8	330	30	N/A	Viton	Yes	Elec	2	92
AB.PKIM	230	1.8	330	30	N/A	Viton	Yes	N/A	N/A	92
AB.SP	230	1.8	330	30	N/A	Viton	Yes	Elec	2	93
AB.SPS	230	1.8	330	30	N/A	Viton	Yes	Elec	2	93
AB.SPSP	230	1.8	330	30	N/A	Viton	Yes	Elec	1	93
CUBE53	230	3	350	56	B7	Nitrile	Yes	Mech	2	87
CUBE53P	230	3	350	56	B7	Nitrile	Yes	Mech	2	87
CUBE70	230	4.2	500	70	B7	Nitrile	Yes	Mech	2	87
CUBE90	230	4.9	700	90	B7	Nitrile	Yes	Mech	2	87
DP110.17	110	0.6	69	17	N/A	EPDM	Yes	N/A	N/A	78
DP12.17	12	6	72	17	N/A	EPDM	Yes	N/A	N/A	78
DP12.4	12	3.5	42	4.3	N/A	EPDM	Yes	N/A	N/A	78
DP220.17	230	0.4	92	17	N/A	EPDM	Yes	N/A	N/A	78
ECON45	230	2.5	370	45	B30	Nitrile	Yes	Mech	2	87
ECON75	230	2.8	450	75	B30	Nitrile	Yes	Mech	2	87
EP120	230	5.7	750	95	B7	Nitrile	Yes	N/A	N/A	86
EP120.110	110	10	830	95	B7	Nitrile	Yes	N/A	N/A	86
EP80	230	3.5	500	75	B7	Nitrile	Yes	N/A	N/A	86
OIL.GEL220	230	4	851	20	B30	Nitrile	Yes	N/A	N/A	82
SPH.PCTE	230	3	350	75	B30	Nitrile	Yes	Mech	2	88
SPH.PE	230	3	350	75	B30	Nitrile	Yes	Mech	2	88
SPM.PEE	230	3	350	75	B30	Nitrile	Yes	Elec	0.5	89
SPM.PEP	230	4.2	500	72	B7	Nitrile	Yes	Mech	2	89
SPS.I	230	3	350	56	B30	Nitrile	Yes	Mech	2	85

## Technical Specification Chart

- Notes: **1.** Motor Watts. 550 =  $\frac{3}{4}$ hp, 370W =  $\frac{1}{2}$ hp **2.** Fuel pump motors start under load and therefore draw very high initial current. **3.** L/min figures are a guide only. Dependent on the tank and interconnecting pipework. **4.** Pumps with electronic displays require constant supply voltage.

Model	Volts	Amps	Motor Watts	L/min	Biodiesel Grade	Seals	Self Prime	Disp Type	Acc +/- %t	See Page
SPS.PCTE	230	3	350	50	B30	Nitrile	Yes	Mech	2	88
SPS.PE	230	3	350	50	B30	Nitrile	Yes	Mech	2	88
SPS.PEE	230	3	350	56	B30	Nitrile	Yes	Elec	0.5	89
SPS.PEP	230	3	350	56	B7	Nitrile	Yes	Mech	2	89
SPT120A	230	5.6	750	100	B7	Nitrile	Yes	N/A	N/A	84
SPT56	230	3	350	56	B7	Nitrile	Yes	N/A	N/A	86
SPT56.110	110	6.5	500	56	B7	Nitrile	Yes	N/A	N/A	86
SPT60A	230	3	350	56	B30	Nitrile	Yes	N/A	N/A	84
SPT60A.B	230	3	350	56	B100	Viton	Yes	N/A	N/A	84
SPT60A.K2	230	3	350	56	B30	Nitrile	Yes	N/A	N/A	84
SPT66K	230	3	340	66	B30	Nitrile	Yes	N/A	N/A	85
SPT72	230	4.2	500	72	B7	Nitrile	Yes	N/A	N/A	86
SPT80A	230	4.0	500	80	B7	Nitrile	Yes	N/A	N/A	84
SPT80K	230	3.5	750	80	B30	Nitrile	Yes	N/A	N/A	85
SPT90	230	4.9	700	90	B7	Nitrile	Yes	N/A	N/A	86
SPU.PCTE	230	6.6	750	90	B30	Nitrile	Yes	Mech	2	88
SPU.PE	230	6.6	750	90	B30	Nitrile	Yes	Mech	2	88
SPU.PEE	230	6.6	750	90	B30	Nitrile	Yes	Elec	0.5	89
SPU.PEP	230	4.9	700	90	B7	Nitrile	Yes	Mech	2	89
SUB.4	230	4.1	550	75	B100	Nitrile	Yes	N/A	N/A	83
SUB.5T	230	4.0	560	35	N/A	HNBR	Yes	N/A	N/A	83
VISCO	230	4.6	750	26	B100	Nitrile	Yes	N/A	N/A	82
VISCO.110	110	12.7	1200	26	B100	Nitrile	Yes	N/A	N/A	82
VISCO.110K	110	12.7	1200	26	B100	Nitrile	Yes	N/A	N/A	82
VISCO.12	12	35	300	10	N/A	Nitrile	Yes	N/A	N/A	76
VISCO.24	24	18	300	10	N/A	Nitrile	Yes	N/A	N/A	76
VISCO.90	230	6	1600	50	B100	Nitrile	Yes	N/A	N/A	82
VISCO.KIT	230	4.6	750	26	B100	Nitrile	Yes	N/A	N/A	82
VISCO.KITH	230	6	1600	50	B100	Nitrile	Yes	N/A	N/A	82

## Notes

This image shows a single sheet of white paper with horizontal green ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**C-Series Pumps 98****C-Series Accessories 102****C-Series Debowers 104****C-series Spares 105****ALPHA Pumps 106****ALPHA Accessories 111****ALPHA Pump Spares 112****Zeon Pumps 113****Zeon Spares 115**





180L/MIN PUMP

Pumptronics



## C-Series Heavy Duty Cabinet Pumps

When performance counts, C-Series delivers even in the most testing environments. This makes it the first choice for military, aviation & marine applications.

### C-Series Design

- ▶ C-Series pumps are easy to maintain with low costs of ownership & long service life.
- ▶ All electronic components are inside a self-contained GRP head.
- ▶ Flexible design so twin pumps can be configured to dispense dual products from a single cabinet, saving island space & cost.
- ▶ All pumps come with 25mm high LCD back light displays & 304 stainless steel cabinets.

### Why Buy a C-Series Pump?

- ▶ Can communicate with a range of industry leading fuel management systems (FMS), outdoor payment terminals (OPT), & pump controllers.
- ▶ Offer bespoke fuelling solutions for innovative fuelling projects. Previous projects have included solutions for NATO, MOD, automotive industry, emergency services, as well as a range of commercial enterprises.

### Non-Standard Options

Custom & specialist pumps are available including:

- ▶ 180L/min pump for high speed fuelling of heavy plant, rail, aviation, marina & military vehicles.
- ▶ Mechanical pump designed for the commercial sector for use in enclosed environments, approved for use in Zone 1 hazardous environments, suitable for petrol, diesel, & aviation fuels.
- ▶ Debowser designed to meet the needs of vehicle hire companies & fleet operators, that need to retrieve fuel from vehicles on a regular basis.
- ▶ Extended base units to mount hose reels for aviation & marina applications
- ▶ National bus & coach depots fleet fuelling pump with Posilock 105 dry break nozzle on one side for buses, with a commercial nozzle on the other for standard refuelling.
- ▶ Ministry of Defence approved unit designed & approved to comply with the requirements for MOD fuel installations.
- ▶ FMS & OPTs can be mounted in the pump head, providing an integral solution as a single unit.
- ▶ Stage II vapour recovery option. Used to capture volatile organic compounds (VOCs) emitted during vehicle refuelling of petrol. This is a requirement for new sites, those undergoing major refurbishment, automotive & industrial applications.



BUS & COACH PUMP



TWIN PUMP

## C-Series Commercial Volume Only - Mono

Designed for commercial fuelling environments. Commercial use only, cannot be verified.

- ▶ **These versions cannot be verified for resale of fuel.**
- ▶ When ordering, please specify your fuel grade & choose your preferred nozzle & hose.
- ▶ Pumptronics belt driven pump unit with air separator.
- ▶ Pumptronics 4 piston meter, +/-0.25% accuracy.
- ▶ Stainless steel cabinet with lockable access panel.
- ▶ Self-contained GRP head for electronics & backlit LCD display.
- ▶ Display shows up to 9,999.99 litres, totaliser shows up to 999,999 litres.
- ▶ Links to FMS via pulse, serial protocols including Gilbarco T24.
- ▶ Infra-red remote control to access pump menus.
- ▶ Under-pump check valve.
- ▶ Easy to maintain, low cost of ownership, long service life.
- ▶ Dimensions H 1425mm x W 400mm x D 450mm D.

Pumptronics



SC11HC

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps	Motor
SC11LC	45L/min, no nozzle or hose cannot be verified	230V	+/- 0.25%	45L/min	16A	1.1 kW
SC11MC	70L/min, no nozzle or hose cannot be verified	230V	+/- 0.25%	70L/min	16A	1.1 kW
SC11HC	90L/min, no nozzle or hose cannot be verified	230V	+/- 0.25%	90L/min	16A	1.1 kW

## C-Series Commercial Volume Only - Twin

Designed for commercial fuelling environments. Commercial use only, cannot be verified. This twin cabinet pump is configurable with diesel on one side & petrol on the other.

- ▶ **These versions cannot be verified for resale of fuel.**
- ▶ When ordering, please specify your fuel grades & choose your preferred nozzle & hose.
- ▶ Configurable with diesel on one side & petrol on the other.
- ▶ Pumptronics 2 x belt driven pump units with air separators.
- ▶ Pumptronics 2 x 4 piston meters with +/-0.25% accuracy.
- ▶ Stainless steel cabinet with lockable access panel.
- ▶ Self-contained GRP head for electronics & backlit LCD display.
- ▶ Display shows up to 9,999.99 litres, totaliser shows up to 999,999 litres.
- ▶ Links to FMS via pulse, serial protocols including Gilbarco T24.
- ▶ Infra-red remote control to access pump menu.
- ▶ Under-pump check valve.
- ▶ Easy to maintain, low cost of ownership, long service life.
- ▶ Dimensions H 1425mm x W 575mm x D 450mm D.

Pumptronics



SC22HC

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps	Motor
SC22LC	45/45 twin, no nozzles or hoses cannot be verified	230V	+/- 0.25%	45/45 L/min	32A	1.1 kW
SC22LMC	45/70 twin, no nozzles or hoses cannot be verified	230V	+/- 0.25%	45/70 L/min	32A	1.1 kW
SC22MC	70/70 twin, no nozzles or hoses cannot be verified	230V	+/- 0.25%	70/70 L/min	32A	1.1 kW
SC22MHC	70/90 twin, no nozzles or hoses cannot be verified	230V	+/- 0.25%	70/90 L/min	32A	1.1 kW
SC22HC	90/90 twin, no nozzles or hoses cannot be verified	230V	+/- 0.25%	90/90 L/min	32A	1.1 kW



SC11LCV

Pumptronics

## C-Series Resale Volume Only - Mono Mk2



This Mk2 C-Series version uses an original Bennett Beck pump unit & the trusted Pumptronics 4 piston meter. Designed for resale fuelling environments. **Display shows volume only.**

- ▶ **These versions can be verified for resale of fuel.**
- ▶ Can be verified in house to MIR module D avoiding the requirements for on-site calibration.
- ▶ When ordering, please specify your fuel grade & choose your preferred nozzle & hose.
- ▶ Bennett Beck belt driven pump unit with air separator.
- ▶ Pumptronics 4 piston meter, +/-0.25% accuracy.
- ▶ Stainless steel cabinet with lockable access panel.
- ▶ Self-contained GRP head for electronics & backlit LCD display.
- ▶ Display shows up to 9,999.99 litres, totaliser shows up to 999,999 litres.
- ▶ Links to FMS via pulse, serial protocols including Gilbarco T24.
- ▶ Infra-red remote control to access pump menus.
- ▶ Under-pump check valve & solenoid valve.
- ▶ Dimensions H 1425mm x W 400mm x D 450mm D.

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps	Motor
SC11LCV	45L/min, no nozzle or hose, volume only can be verified	230V	+/- 0.25%	45L/min	16A	1.1 kW
SC11MCV	70L/min, no nozzle or hose, volume only can be verified	230V	+/- 0.25%	70L/min	16A	1.1 kW
SC11HCV	80L/min, no nozzle or hose, volume only can be verified	230V	+/- 0.25%	80L/min	16A	1.1 kW
VERM3D	MID verification Module D 1st nozzle	-	-	-	-	-
VERM3D2	MID verification Module D additional nozzles	-	-	-	-	-

Pumptronics

## C-Series Resale Volume Only - Twin Mk2



SC22MCV



Same specification as above. This twin cabinet pump is configurable with diesel on one side & petrol on the other.

- ▶ **These versions can be verified for resale of fuel.**
- ▶ Can be verified in house to MIR module D avoiding the requirements for on-site calibration.
- ▶ When ordering, please specify your fuel grades & choose your preferred nozzles & hoses.
- ▶ Bennett Beck 2 x belt driven pump units with air separators.
- ▶ Pumptronics 2 x 4 piston meters, +/-0.25% accuracy.
- ▶ Stainless steel cabinet with lockable access panel.
- ▶ Self-contained GRP head for electronics & backlit LCD display.
- ▶ Display shows up to 9,999.99 litres, totaliser shows up to 999,999 litres.
- ▶ Links to FMS via pulse, serial protocols including Gilbarco T24.
- ▶ Infra-red remote control to access pump menus.
- ▶ Under-pump check valve solenoid valve.
- ▶ Dimensions H 1425mm x W 575mm x D 450mm D.

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps	Motor
SC22LCV	45/45L/min, no nozzles or hoses, volume only can be verified	230V	+/- 0.25%	45/45L/min	32A	1.1 kW
SC22LMCV	45/70L/min, no nozzles or hoses, volume only can be verified	230V	+/- 0.25%	45/70L/min	32A	1.1 kW
SC22MCV	70/70L/min, no nozzles or hoses, volume only can be verified	230V	+/- 0.25%	70/70L/min	32A	1.1 kW
SC22MHCV	70/80L/min, no nozzles or hoses, volume only can be verified	230V	+/- 0.25%	70/80L/min	32A	1.1 kW
SC22HCV	80/80L/min, no nozzles or hoses, volume only can be verified	230V	+/- 0.25%	80/80L/min	32A	1.1 kW
VERM3D	MID verification Module D 1st nozzle	-	-	-	-	-
VERM3D2	MID verification Module D additional nozzles	-	-	-	-	-

## C-Series Resale Volume &amp; Price - Mono Mk2

This Mk2 C-Series version uses an original Bennett Beck pump unit & the trusted Pumptronics 4 piston meter. Designed for resale fuelling environments. **Display shows volume & price.**

- ▶ **These versions can be verified for resale of fuel, priced.**
- ▶ Can be verified in house to MIR module D avoiding the requirements for on-site calibration.
- ▶ When ordering, please specify your fuel grade & choose your preferred nozzle & hose.
- ▶ Bennett Beck belt driven pump unit with air separator.
- ▶ Pumptronics 4 piston meter, +/-0.25% accuracy.
- ▶ Stainless steel cabinet with lockable access panel.
- ▶ Self-contained GRP head for electronics & backlit LCD display.
- ▶ Display shows up to 9,999.99 litres, totaliser shows up to 999,999 litres.
- ▶ Links to FMS via pulse, serial protocols including Gilbarco T24.
- ▶ Infra-red remote control to access pump menus.
- ▶ Under-pump check valve & solenoid valve.
- ▶ Dimensions H 1425mm x W 400mm x D 450mm D.
- ▶ Choose display with sterling (£) or euro (€) facia.

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High hose comes as standard



SC11LRV

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps	Motor
SC11LRV	45L/min, no nozzle or hose, volume & <b>price</b> can be verified	230V	+/- 0.25%	45L/min	16A	1.1 kW
SC11MRV	70L/min, no nozzle or hose, volume & <b>price</b> can be verified	230V	+/- 0.25%	70L/min	16A	1.1 kW
SC11HRV	80L/min, no nozzle or hose, volume & <b>price</b> can be verified	230V	+/- 0.25%	80L/min	16A	1.1 kW
VERM3D	MID verification Module D 1st nozzle	-	-	-	-	-
VERM3D2	MID verification Module D additional nozzles	-	-	-	-	-

## C-Series Resale Volume &amp; Price - Twin Mk2

Same specification as above monos. This twin cabinet pump is configurable with diesel on one side & petrol on the other.

- ▶ **These versions can be verified for resale of fuel, priced.**
- ▶ Can be verified in house to MIR module D avoiding the requirements for on-site calibration.
- ▶ When ordering, please specify your fuel grades & choose your preferred nozzles & hoses.
- ▶ Bennett Beck 2 x belt driven pump units with air separators.
- ▶ Pumptronics 2 x 4 piston meters, +/-0.25% accuracy.
- ▶ Stainless steel cabinet with lockable access panel.
- ▶ Self-contained GRP head for electronics & backlit LCD display.
- ▶ Display shows up to 9,999.99 litres, totaliser shows up to 999,999 litres.
- ▶ Links to FMS via pulse, serial protocols including Gilbarco T24.
- ▶ Infra-red remote control to access pump menus.
- ▶ Under-pump check valve & solenoid valve.
- ▶ Dimensions H 1425mm x W 575mm x D 450mm D.
- ▶ Choose display with sterling (£) or euro (€) facia.

Pumptronics



High hose comes as standard



SC22LMRV

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps	Motor
SC22LRV	45/45L/min, no nozzle or hose, volume & <b>price</b> can be verified	230V	+/- 0.25%	45/45L/min	32A	1.1 kW
SC22LMRV	45/70L/min, no nozzle or hose, volume & <b>price</b> can be verified	230V	+/- 0.25%	45/70L/min	32A	1.1 kW
SC22MRV	70/70L/min, no nozzle or hose, volume & <b>price</b> can be verified	230V	+/- 0.25%	70/70L/min	32A	1.1 kW
SC22MHRV	70/80L/min, no nozzle or hose, volume & <b>price</b> can be verified	230V	+/- 0.25%	70/80L/min	32A	1.1 kW
SC22HRV	80/80L/min, no nozzle or hose, volume & <b>price</b> can be verified	230V	+/- 0.25%	80/80L/min	32A	1.1 kW
VERM3D	MID verification Module D 1st nozzle	-	-	-	-	-
VERM3D2	MID verification Module D additional nozzles	-	-	-	-	-





Pumptronics



## C-Series Dispenser- Adblue®

Dispensers only no pump unit, for use with submersible pumps.

- ▶ **Choose:**  
**Commercial volume only cannot be verified for resale.**  
**Resale volume only can be verified for resale of fuel.**  
**Volume & price can be verified for resale of fuel.**
- ▶ Resale versions can be verified in house to MIR module D avoiding the requirements for on-site calibration.
- ▶ When ordering, please choose your preferred nozzle & hose.
- ▶ 4 piston meter, +/-0.25% accuracy.
- ▶ Stainless steel cabinet with lockable access panel.
- ▶ Self-contained GRP head for electronics & backlit LCD display.
- ▶ Display shows up to 9,999.99 litres, totaliser shows up to 999,999 litres.
- ▶ Links to FMS via pulse, serial protocols including Gilbarco T24.
- ▶ Infra-red remote control to access pump menus.
- ▶ Includes solenoid valve.
- ▶ Dimensions H 1430mm x W 400mm x D 440mm.
- ▶ Priced display available with sterling (£) or euro (€) facia.



High hose comes as standard on verified dispensers

### AB11LRV/DISP

Stock Code	Description		Voltage	Accuracy	Max Flow
AB11LC/DISP	Commercial display, no nozzle or hose	cannot be verified	230V	+/- 0.25%	25 L/min
AB11LCV/DISP	Volume display, no nozzle or hose	can be verified	230V	+/- 0.25%	25 L/min
AB11LRV/DISP	Volume & price display, no nozzle or hose	can be verified	230V	+/- 0.25%	25 L/min
VERM3D	MID verification Module D 1st nozzle		-	-	-
VERM3D2	MID verification Module D additional nozzles		-	-	-



PLINTHKIT-MONO



Pumptronics

## Pump Plinth & Pump Frame

### Pump Plinth

- ▶ Stainless steel.
- ▶ Choose mono or twin options.
- ▶ Increases pump height by 150mm to meet ATEX requirements.
- ▶ Can be used to increase working space under pump.

### Pump Frame

- ▶ Galvanised.
- ▶ Choose mono or twin options.

### MS0000012KIT

Stock Code	Description
PLINTHKIT-MONO	Mono stainless steel 150mm plinth
PLINTHKIT-TWIN	Twin stainless steel 150mm plinth
MS0000012KIT	Mono pump frame
MS0000022KIT	Twin pump frame

## Second Side Display - Mono & Twin

- ▶ Display must match the primary display.
- ▶ This item cannot be retrofitted advise us of your requirements at the time of order.
- ▶ Available in mono & twin configurations.
- ▶ Available in resale, volume & price configurations.

Stock Code	Description
COMDIS-001	Second sided display resale mono volume only
COMDIS-002	Second sided display resale twin volume only
RETDIS001	Second sided display resale mono volume & price
RETDIS002	Second sided display resale twin volume & price

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## High Hose Mast

- ▶ Improves reach & usability for HGVs & other large vehicles.
- ▶ Supplied as standard on resale volume & price display pumps.
- ▶ Optional on commercial volume pumps.

Stock Code	Description
HHOSE	High hose mast order with your pump build only
HIGHHOSE	High hose mast retrofittable order as a spare part

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## C-Series Automatic Nozzle Options

- ▶ Hytek professional nozzles - not suitable for resale.
- ▶ ZVA - suitable for resale.
- ▶ C-Series pumps require a magnet-equipped guard to operate the nozzle switch.



NOZA.XC ZVA.STD2EC ZVA.STD2EC ZVA.ABC

Stock Code	Description	50/70	50	90	180	AB®
NOZA.XC	Diesel 80L/min c/w magnet	•	•			
ZVA.STD2EC	Diesel 80L/min c/w magnet	•	•			
ZVA.STD2ESBC	Diesel 80L/min c/w magnet & SB	•	•			
ZVA.LF2C	Petrol 55L/min c/w magnet		•			
ZVA.LF2SBC	Petrol 55L/min c/w magnet & SB		•			
NOZA.XUC	Petrol 60L/min c/w magnet		•			
NOZA.X25C	Diesel 140L/min c/w magnet			•		
ZVA.25C	Diesel 140L/min c/w magnet			•		
ZVA.25SBC	Diesel 140L/min c/w magnet & SB			•		
ZVA.32C	Diesel 200L/min c/w magnet				•	
ZVA.ABC	AdBlue® c/w magnet					•
ZVA.ABSBC	AdBlue® c/w magnet & SB					•



## C-Series Debowser - Mono or Twin Cabinet



- ▶ Our C-Series Debowser range is designed to meet the needs of vehicle hire companies & fleet operators that need to retrieve fuel from vehicles on a regular basis. Used for petrol or diesel the C-Series Debowser provides a safe & accurate solution to retrieve, measure & record fuel removed from a variety of vehicles.
- ▶ Being able to accurately measure fuel retrieval is vital in reconciling wet stock & adhering to site licensing requirements, which is why the C-Series Debowser is fitted with full air separation & 4 piston meter, +/- 0.25% accuracy. With a retrieval rate of approximately 8-10 LPM, the C-Series Debowser provides a high-speed solution to fuel recovery needs. Debowser only not approved for resale.
- ▶ As the C-Series Debowser must be operated with an earth bonding reel, a 15m earth bonding cable is available as an additional option – essential for retrieving petroleum products.
- ▶ Display LCD with backlight (volume only).
- ▶ Belt driven pump unit with integral air separation.
- ▶ Retrieval rate of approximately 8-10L/min.
- ▶ Water & particulate filtration system.
- ▶ Start/stop activation switch.
- ▶ Infra-red remote control to access pump menus.
- ▶ Links to FMS via pulse, serial protocols including Gilbarco T24.
- ▶ In-line sight glass to view fuel flow.
- ▶ Adaptor flex fitted at end of hose to allow fuel retrieval from the tank filler neck.
- ▶ Dimensions:
  - ▶ Mono: 1425mm (H) x 400mm (W) x 450mm (D).
  - ▶ Twin: 1425mm (H) x 575mm (W) x 450mm (D).

### Options

- ▶ Twin units available capable of extracting petrol or diesel one side and dispensing petrol or diesel the other side.
- ▶ Bonding reel with either 15m or 30m of earth bonding cable (essential requirement for petroleum).
- ▶ Second side display.
- ▶ Stainless steel under-pump plinth.
- ▶ Galvanised pump stool.

**Please note: Debowser uses a Bennett Beck pump unit the non debowser/dispenser uses a Pumptronics pump unit.**

### DB11SC

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps	Motor
DB11SC	Mono debowser commercial only	230V	+/- 0.25%	50L/min	16A	1.1 kW
DB22SC	Twin debowser commercial only	230V	+/- 0.25%	70L/min	32A	1.1 kW
SB22LC	Twin suction/debowser 8-10L/min one side 45L/min	230V	+/- 0.25%	45L/min	32A	1.1 kW
SB22HC	Twin suction/debowser 8-10L/min one side 90L/min	230V	+/- 0.25%	90L/min	32A	1.1 kW

## C-Series Pump Spares

Stock Code	Description	Mk1	Mk2	L/min
AL000091	Pulley motor 70mm aluminium	•	•	70/90
AL000092	Pulley motor 50mm aluminium	•	•	45
AL000090	Pulley pump 125mm OD, 45L/min aluminium	•		45
AL000093	Pulley pump 100mm OD, 90L/min aluminium	•		70/90
CAK02051	Pump nozzle boot assy kit cast aluminium	•	•	All
CL000024	Keys for panel/nozzle locks (Set of 2)	•	•	All
DBPIPE	Debowser pipe Kit 16mm x 2m ribbed flexi	•		8
EL000002	Motor 0.55kW 230V AC relay Pre 09 - pump no 8844 & below CPU/PSU board	•		All
EL000002/A	Motor 0.55kW 24V AC relay Pre Aug 09 - pump No. 8844 & below CPPv4 or CPPv5	•		All
EL000009/A	Motor 1.1kW 24V relay Post Aug 09 - pump no 8845 & above CPPv4, CPPv5 or MCU board	•	•	All
EL000015	Nozzle magnetic switch 2 core standard	•	•	All
EL000017	Nozzle magnetic switch mechanical	•	•	All
EL000025	Totaliser keyswitch key (2D138)	•	•	All
EL000061/IR	Commercial display master IR - pump with CPPv4/v5 & MCU 2003 onwards	•	•	All
EL000061/L	Commercial display master LED - pump with CPPv4	•	•	All
EL000061/S	Commercial display slave 2003 onwards	•	•	All
EL000063/IR	Retail display master IR - all retail 2003 onwards	•	•	All
EL000063/S	Retail display slave - all retail 2003 onwards	•	•	All
MAGNET	Nozzle guard magnet	•	•	All
ZVA.LF2SBC	Automatic nozzle petrol 55L/min c/w magnet & SB	•	•	All
ZVA.STD2ESBC	Automatic nozzle diesel 80L/min c/w magnet & SB	•	•	All
HF000001-B	Pumptronics pump unit (FP-00H102)	•		All
209A.PASSY.WC	Bennett Beck pump unit (for Mk2 suits MIR certified versions)		•	All
HF000002-B	Pumptronics flow meter with tri-flange	•	•	All
HF000007-KIT	Standard 1" 24V solenoid kit 5973 to present	•	•	All
HF000008	Drive belt A27 low speed (HTC anti-static)	•	•	45
HF000009	Drive belt A26 low speed (HTC anti-static)	•	•	70/90
HF000110	High speed Piusi EP120, 230V pump unit (Pumps starting with CN/MN/SN) with relay	•		All
HFK00102	AdBlue® flowmeter kit assembly	•		30
HFK00301	Encoder/pulser assembly complete (PNP) issue A Jan 08 If pump is pre 2003 refer to technical	•	•	All
HFP00010	Standard outlet strainer 200 mesh - 74 micron	•		All
HFP00036	Standard inlet strainer 150 Mesh - 100 micron	•		All
HIGHHOSE	High hose assembly (spare) 1" female outlet	•	•	All
PLINTHKIT-MONO	Plinth kit for mono stainless steel	•	•	All
PLINTHKIT-TWIN	Plinth kit for twin stainless steel	•	•	All
UNIMOTORPLATE	Universal motor mounting plate supply with all motors built before 2005	•		All
XN000011-ASS	Air separator float assembly	•		All
XN000016	Under pump check valve new design	•		All



MK3A



1. Large digit display, bright LED back light
2. Electronic meter calibration facility via the display
3. **Optional:** 2-sided display
4. Stainless steel cabinet
5. Removable side panel
6. Steel braided hose 3.66m
7. External base mounting holes
8. **Option:** Base drip tray
9. **Option:** Front, left, or right handed nozzle holster

Pumtronics



## ALPHA Heavy Duty Cabinet Pumps

Rugged, reliable & built to last. Makes the ALPHA a favourite of transport operators & a firm favourite of the emergency services.

### ALPHA Pump Display

- ▶ Simple, faster configuration & electronic calibration sequence.
- ▶ Clear LCD display with bright white back lighting.
- ▶ Improved wider viewing angle.
- ▶ Larger display with 30mm main characters.
- ▶ Fifteen 12mm high characters on the lower line displaying.
- ▶ clearer instructions & error messaging.

### Why Buy an ALPHA Pump?

- ▶ Over 4,800 in use worldwide since 2002.
- ▶ 2 year parts warranty.
- ▶ Designed & assembled in the UK.
- ▶ Rust free stainless steel pump cabinet.
- ▶ Ideal to fill cars, vans, coaches, buses, trucks & large machinery
- ▶ Most models are accurate to +/- 0.25% or approved for resale use/MIR certified.
- ▶ All models are fully electronic so there are no levers, switches or knobs to break.

### Versions Available To Suit Most Applications

- ▶ Mono pumps 50, 70, 90 litres per minute (AdBlue® 30L/min).
- ▶ These twin pumps are two pump units & two meters housed in one cabinet.
- ▶ Versions with web-based integral fuel management systems see page 126.

### Supplied As Standard

- ▶ Pulse output for connection to fuel management systems.
- ▶ Delivery hose.
- ▶ Suction inlet flexible connector.

### Choose

- ▶ From a range of pumping speeds.
- ▶ Left, right, or front nozzle holster versions.
- ▶ Your preferred automatic dispensing nozzle.

### Non-Standard Options

- ▶ Second sided display makes refuelling from both sides of the pump easy.
- ▶ Base drip trays make leaks easy to see supplied as standard on petrol versions.
- ▶ High hose enables vehicles to be fuelled from both sides minimum 6m hose required.



MK4

## ALPHA Commercial Diesel - Mk3A

- ▶ This ALPHA version has been designed for use with diesel or biodiesel up to B30.
- ▶ Meter: 4 piston, +/- 0.25% accuracy.
- ▶ Pumping unit: Belt driven with air separator & integral filter.
- ▶ Cabinet: Stainless steel, lockable front door with stay for ease of maintenance. Removable back panel. Suitable for above or below ground pipework. External base mounting holes.
- ▶ Display: LCD with back light. Shows up to 999,999 litres totaliser shows up to 99,999,999 litres.
- ▶ Option: second sided display available.
- ▶ Communication with fuel management systems via pulser.
- ▶ Simple to maintain: Good access for service engineers.
- ▶ Standard equipment: 3.66m steel braided hose, 10:1 or 100:1 pulser & suction inlet has flexible connector.
- ▶ Dimensions: 1245mm H x 526mm W x 530mm D.
- ▶ Choose: left, right or front nozzle holster versions.
- ▶ Choose your preferred nozzle.

Pumptronics



ALPHA/70A

ALPHA/70FA

Stock Code	Description	ATEX	Voltage	Max Flow	Accuracy	Amps	Motor
ALPHA/50A	50L/min right holster, no nozzle	Yes	230V	50L/min	+/- 0.25%	16A	750W
ALPHA/50FA	50L/min front holster, no nozzle	Yes	230V	50L/min	+/- 0.25%	16A	750W
ALPHA/70A	70L/min right holster, no nozzle	Yes	230V	70L/min	+/- 0.25%	16A	750W
ALPHA/70FA	70L/min front holster, no nozzle	Yes	230V	70L/min	+/- 0.25%	16A	750W
ALPHA/90A	90L/min right holster, no nozzle	Yes	230V	90L/min	+/- 0.25%	16A	750W
ALPHA/90FA	90L/min front holster, no nozzle	Yes	230V	90L/min	+/- 0.25%	16A	750W

## ALPHA Resale Volume Only Diesel - Mk3A

- ▶ These versions of the industry standard ALPHA diesel pumps are certified to the MIR standard for resale use.
- ▶ These versions allow the operators to sell fuel, no price indicator on display.
- ▶ Similar specification to the pumps above but use a different pump unit (209A.PASSY.W).
- ▶ Dimensions: 1245mm H x 526mm W x 530mm D.
- ▶ Choose your preferred nozzle.
- ▶ Versions with integrated fuel management systems are also available MIR certified for the resale of fuel.
- ▶ On-site calibration required in accordance with measurement instrument directive module F.

Pumptronics



ALPHA/70WA

Stock Code	Description	ATEX	Voltage	Max Flow	Accuracy	Amps	Motor
ALPHA/50WA	50L/min right holster, no nozzle (MID)	Yes	230V	50L/min	+/- 0.25%	16A	750W
ALPHA/70WA	65L/min right holster, no nozzle (MID)	Yes	230V	65L/min	+/- 0.25%	16A	750W
ALPHA/90WA	80L/min right holster, no nozzle (MID)	Yes	230V	80L/min	+/- 0.25%	16A	750W



Pumptronics



## ALPHA Commercial AdBlue® - Mk3A

- ▶ This version of the ALPHA has been designed for use with AdBlue®.
- ▶ Dispenser option available for use with submersible pumps.
- ▶ Meter: Oval gear meter +/- 0.5% accuracy with pulser 10:1 or 100:1.
- ▶ Pumping unit: Direct drive pump & motor (max run time 20 mins).
- ▶ Choose: left, right or front nozzle holster versions.
- ▶ Dimensions: 1245mm H x 526mm W x 530mm D.
- ▶ Choose your preferred nozzle.
- ▶ Solenoid valve available for use on dispenser versions, we can fit these for you at time of ordering (ALP.SOLVAL.AB).
- ▶ Please note: if more than 1 dispenser is fed via the same submersible pump a solenoid valve must be fitted to prevent unauthorised use.
- ▶ Not ATEX certified.

### ALPHA/40AB

Stock Code	Description	Voltage	Max Flow	Accuracy	Amps	Motor
ALPHA/40AB	30L/min right holster, no nozzle	230V	30L/min	+/- 0.5%	3A	330W
ALPHA/40AB.F	30L/min front holster, no nozzle	230V	30L/min	+/- 0.5%	3A	330W
ALPHA/DSAB	Dispenser version right holster, no nozzle	230V	30L/min	+/- 0.5%	1A	-
ALPHA/DSAB.F	Dispenser version front holster, no nozzle	230V	30L/min	+/- 0.5%	1A	-
ALP.SOLVAL.AB	Solenoid valve for dispensers	12V	-	-	-	-

50L/MIN – 50L/MIN  
50L/MIN – 70L/MIN  
70L/MIN – 70L/MIN  
70L/MIN – 90L/MIN  
90L/MIN – 90L/MIN



Pumptronics



## ALPHA Commercial Diesel Twin Cabinet - Mk3A

- ▶ Traditionally, if two pumps were required you purchased two separate pumps. Save money, choose a twin pump.
- ▶ Front nozzle holsters are available at extra cost where space to the side of the pump is limited (not FC10).
- ▶ Pumping speeds: choose the correct combination for you.
- ▶ Standard set up low speed on left, high speed on right.
- ▶ Choose: 50 for cars/vans, 70 trucks, 90L/min for articulated/plant vehicles, you can fill a van at the same time you fill an earth mover.
- ▶ Dual display option, if space permits you can pull up to the front or back of the pump & see the amount being dispensed.
- ▶ Optional: Integral fuel management system FC10 which includes a web based system. (One side keypad, other normal display).
- ▶ Dimensions: 1245mm H x 876mm W x 530mm D.
- ▶ Choose your preferred nozzle.

### ALPHA/7090A DIESEL/DIESEL

Stock Code	Description	ATEX	Voltage	Max Flow	Accuracy	Amps	Motor
ALPHA/5050A	230V 50/50L/min, no nozzle	Yes	230V	50/50L/min	+/- 0.25%	16A	750W
ALPHA/5070A	230V 50/70L/min, no nozzle	Yes	230V	50/70L/min	+/- 0.25%	16A	750W
ALPHA/7070A	230V 70/70L/min, no nozzle	Yes	230V	70/70L/min	+/- 0.25%	16A	750W
ALPHA/7090A	230V 70/90L/min, no nozzle	Yes	230V	70/90L/min	+/- 0.25%	16A	750W
ALPHA/9090A	230V 90/90L/min, no nozzle	Yes	230V	90/90L/min	+/- 0.25%	16A	750W

## ALPHA Commercial Petrol - Mk4

- ▶ Due to the increase in petrol use & the popularity of petrol Hybrid engines we have added the ALPHA petrol version.
- ▶ Designed by HYTEK it has been ATEX certified to dispense petrol.
- ▶ You can now have ALPHA pumps dispensing petrol, diesel & AdBlue® all on one site.
- ▶ Housed in a robust stainless steel cabinet.
- ▶ These petrol versions use a slightly different Mk4 cabinet to conform to the petrol requirements whilst still maintaining an overall appearance in line with the rest of the ALPHA family.
- ▶ Dimensions: 1450mm H x 526mm W x 530mm D.
- ▶ Choose your preferred nozzle.
- ▶ Versions with integrated fuel management systems are available.

Pumptronics



ALPHA/50P

Stock Code	Description	ATEX	Voltage	Max Flow	Accuracy	Amps	Motor
ALPHA/50P	50L/min right holster, no nozzle	Yes	230V	50L/min	+/-0.25%	16A	750W

## ALPHA Resale Volume Only Petrol - Mk4

- ▶ This versions of the industry standard ALPHA commercial petrol pump is certified to the MIR standard for resale use.
- ▶ Allows the operators to sell fuel, no price indicator on display.
- ▶ Similar specification to the pumps on page 107 but use a different pump unit (209A.PASSY.W).
- ▶ This petrol version use a MK4 stainless steel cabinet.
- ▶ Dimensions: 1450mm H x 526mm W x 530mm D.
- ▶ Choose your preferred nozzle.
- ▶ Versions with integrated fuel management systems are also available MIR certified for the resale of fuel.
- ▶ On-site calibration required in accordance with measurement instrument directive module F.

Pumptronics



ALPHA/50WP

Stock Code	Description	ATEX	Voltage	Max Flow	Accuracy	AMPS	Motor
ALPHA/50WP	50L/min right holster, no nozzle (MID)	Yes	230V	50L/min	+/- 0.25%	16A	750W





ALP.HHOSE

Pumtronics



## ALPHA High Hose Option

- Enables vehicles to be refuelled from both sides.
- Ideal to fill refrigerated lorry trailer fuel tanks.
- Can only be used with a minimum of 6.1m (20ft) of hose.
- Helps keep the refuelling point organised. Pipe is stainless steel.
- Can be retro-fitted to the ALPHA Mk3 cabinet pump only.
- Outlet connection 1" F BSPP (supplied with 3/4" reducing bush).

Stock Code	Description
ALP.HHOSE	Diesel high hose option
SBH20.1	Diesel 6.1m (20ft) hose 1" M
ALP.HHOSE.AB	High hose option for AdBlue®
ABH.6.TBH	AdBlue® 6.1m (20ft hose) 1" F
NIP.4.3SS	1" - 3/4" s/s nipple converts the AdBlue® hose above to a 3/4" M end



NOZA.X

ZVA.STD2E

NOZA.X25

NOZA.SS.AB

## ALPHA Automatic Nozzle Options

- **X** Professional Hytek Engineered option.
- **ZVA** Used on most retail forecourts.
- **SB** As above nozzles with safety break swivel, helps prevents damage to pump and prevents fuel spillages if vehicle drives off with the nozzle still in the tank.
- **AB** Nozzles suitable for AdBlue®.

Stock Code	Description	50/70A	50/70WA	90A	90WA	50P	50WP	40AB	DSAB	5070A	9090A
NOZA.X	Diesel 80L/min	•								•	
ZVA.STD2E	Diesel 80L/min	•	•							•	
ZVA.STD2ESB	Diesel 80L/min & SB	•	•							•	
NOZA.X25	Diesel 140L/min			•							•
ZVA.25	Diesel 140L/min			•	•						•
ZVA.LF2	Petrol 55L/min					•	•				
NOZA.XU	Petrol 60L/min					•					
NOZA.SS.AB	AdBlue® 60L/min							•	•		
ZVA.AB	AdBlue® 40L/min							•	•		
ZVA.AB.SB	AdBlue® 40L/min & SB							•	•		



ALP.BOOTA

HYTEK  
ENGINEERED



## Pump/Dispenser Nozzle Boot & Switch

- Die cast aluminium with switch. 12V DC operated.
- Uses a hall effect switch. 12V DC, max 0.5amp.
- If connected to the Hytek ALPHA display (ALP.DISPCB.3A) it uses the 12V DC from our display as its power to operate, the voltage it actually switches is 5V DC (generated by the display).
- Used in our ALPHA commercial dispensing pumps over 4,800 in use worldwide.

Stock Code	Description	Voltage
ALP.BOOTA	Complete nozzle boot and switch	12V DC

## ALPHA Options

- ▶ Second sided display makes refuelling from both sides of the pump easy (ALPHA/2D/ALPHA/2DP).
- ▶ Base drip tray catches leaks and makes them easy to see, supplied as standard on petrol versions (ALP.DT3).
- ▶ Pump frame galvanised (MS0000022KIT).
- ▶ Pump plinth increases pump height by 150mm to meet ATEX requirements. Can be used to increase working space under pump (PLINTHKIT-TWIN).



Stock Code	Description	50A	70A	90A	50P	40AB	DSAB	Twins
ALPHA/2D	Second sided display (MK3)	•	•	•		•	•	•
ALPHA/2DP	Second sided display (MK4)				•			
ALP.DT3	Base drip tray (MK3)	•	•	•	•	•	•	
MS0000022KIT	ALPHA mono pump frame	•	•	•	•	•	•	
PLINTHKIT-TWIN	ALPHA mono S/S 150mm plinth	•	•	•	•	•	•	

## 4 Piston Meter

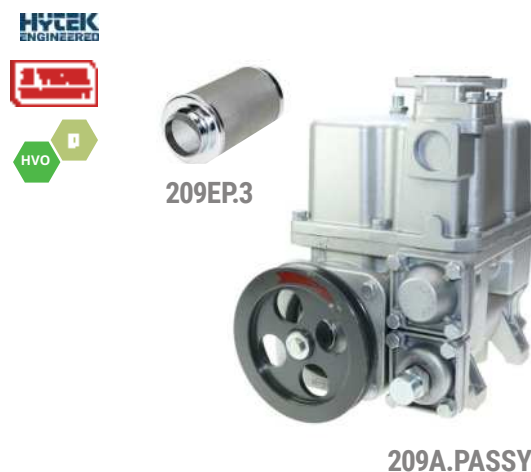
- ▶ 4 piston positive displacement meter.
- ▶ This meter can be calibrated to an accuracy of +/-0.25%.
- ▶ Easy to calibrate & service, precision engineering.
- ▶ Dispenses litre after litre, proven reliability.
- ▶ Ideal to use with our pump unit 209A.PASSY.
- ▶ Used in our ALPHA commercial dispensing pumps, over 4,800 in use worldwide.
- ▶ Spares available.



Stock Code	Description	Max Pressure	Accuracy	Max Flow
209A.METER.REP	4 piston meter, right handed outlet	30psi (2 bar)	+/-0.25%	90L/min

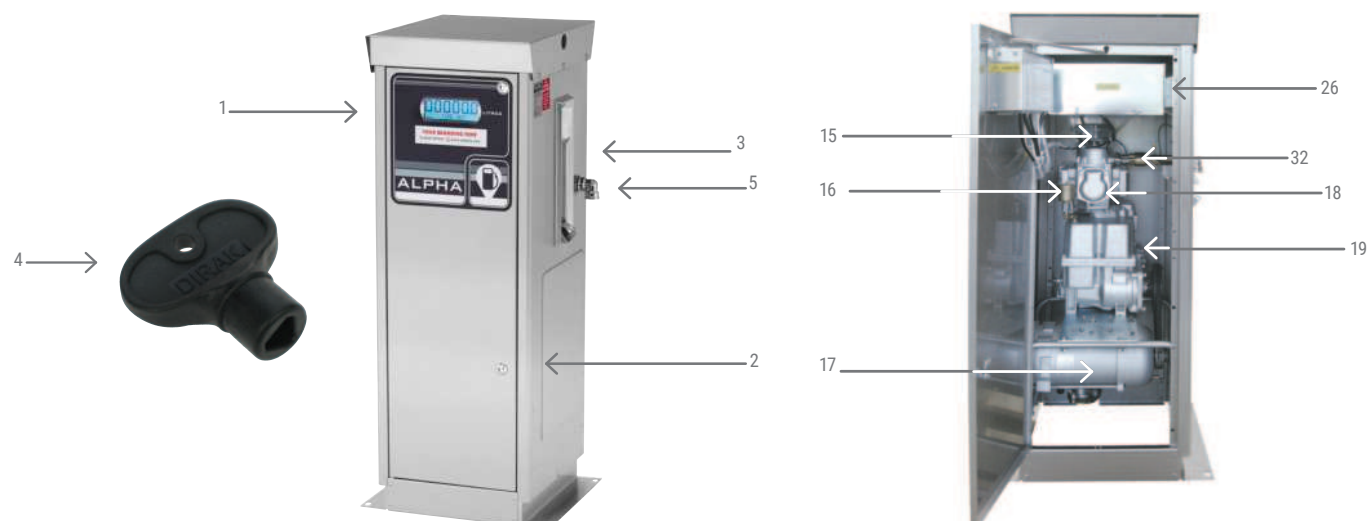
## Pump Unit Hydraulics With Air Separator

- ▶ Positive displacement pump unit with sliding vanes.
- ▶ Incorporates full air separation/air elimination. Filter 100 micron.
- ▶ Adjustable bypass valve. Outlet control/check valve.
- ▶ Precision Engineering. Great suction capabilities even when dry.
- ▶ Max. flow 90L/min depends on motor size & pulley arrangement.
- ▶ Dispenses litre after litre, proven reliability.
- ▶ Ideal to use with our 4 piston meter 209A.METER.REP.
- ▶ Used in our ALPHA commercial dispensing pumps, over 4,800 in use worldwide. Spares available.
- ▶ Bennett T75 pump unit also available (209.PASSYW).



Stock Code	Description	Air elimination	Max Pressure	Max Flow	Micron
209A.PASSY	Pump unit complete with air separation	Yes	30psi (2 bar)	90L/min	100
209EP.3	Spare pump unit filter	-	-	-	100

## ALPHA Pump Spares



Stock Code	Ref	Description	MK1	MK2	MK3	MK4	L/min
ALP.DIS2.R	1	Display MK1/MK2 (complete)	•	•			All
ALP.DIS2.PCB	1	Display MK2/MK3 serial no. 11519-30714 (PCB only)		•	•		All
ALP.DIS2.PCB.3A	1	Display MK 3A serial no. 30715 onwards (PCB only)			•	•	All
ALP.LOCK3	2	Lock (x2) MK3			•	•	All
ALP.BOOTA	3	Complete nozzle boot and switch		•	•	•	All
ALP.BOOTA.BKT	3	Nozzle retaining bracket for aluminium nozzle boot		•	•	•	All
ALP.BOOTA.PLUN	3	Plunger & screw for aluminium nozzle boot		•	•	•	All
ALP.BOOTA.SPRING	3	Plunger spring for aluminium nozzle boot		•	•	•	All
209.KEY	4	Key	•	•	•	•	All
ELB.4FFCR	5	Elbow	•	•	•	•	All
PULS.30A	15	Pulser	•	•	•		All
PULS.W	15	ATEX replacement pulser fits MK4				•	50P
MINIVENT	16	Air sep outlet	•	•	•	•	All
ALP.PM70.75REP23	17	Motor assembly/kit fits MK1/MK2/MK3 up to serial no. 30564	•	•	•		50/70R
ALP.PM70.75REP2	17	Black replacement motor assembly serial no. 11308-13000		•			50/70R
ALP.PM70.75REP3	17	Black replacement motor assembly MK3 serial no. 30000-30564			•		50/70R
ALP.PM70A	17	ATEX replacement motor assembly			•	•	50/70A
ALP.PM90.75REP23	17	Motor assembly/kit fits MK1/MK2/MK3 up to serial no. 30564	•	•	•		90R
ALP.PM90.75REP2	17	Black replacement motor assembly serial no. 11308-13000		•			90R
ALP.PM90.75REP3	17	Black replacement motor assembly MK3 serial no. 30000-30564			•		90R
ALP.PM90A	17	ATEX replacement motor assembly			•		90A
ALP.PM50P	17	Petrol ALPHA 50L/min motor assembly				•	50P
209A.METER.REP	18	4 piston meter	•	•	•	•	All
209A.METER.REPL	18	4 piston meter (left handed) serial no. 30000 onwards			•	•	All
209A.PASSY	19	Pump unit complete	•	•	•	•	All
209A.PASSY.W	19	As above for MID/OIIML resale pumps (Bennett T75)			•	•	< 80
VBLT.275	N/A	ATEX replacement pulley belt - A27.5" (Continental)	•	•	•	•	50A/P & 70R
VBLT.28	N/A	Pulley belt - A28" serial no. 20568 onwards (Continental)			•	•	50/70R & A
VBLT.285	N/A	Pulley belt - A28.5" (Continental)	•	•		•	90R
VBLT.29	N/A	Pulley belt MK3 - A29" (Continental)			•	•	50/70R
VBLT.295	N/A	Pulley belt MK3 - A29.5" (Continental)			•	•	90R
PULL.2C	N/A	2" pulley for ATEX MK4				•	50A & P
PULL.25C	N/A	2½" pulley for ATEX silver motors serial no. 30565 onwards			•	•	50/70R & A
PULL.3C	N/A	3" pulley for ATEX silver motors serial no. 30565 onwards			•	•	90R/90A
TTLB	N/A	Flexible connector	•	•	•	•	All
ALP.RELAY	26	Relay (in junction box)	•	•	•	•	All
CHK.1A.DRILL	32	Outlet check valve		•	•	•	All
209EP.3	N/A	Pump unit filter	•	•	•	•	All
ALP.NOZSW.P	3	Nozzle switch fits MK4				•	All
ALP.BOOTA.SW	3	Nozzle boot spare switch		•	•		All

## Zeon Commercial Diesel – Mono Cabinet

When space is at a premium the Zeon range comes into its own, combining an ultra compact design.

With its small footprint & monocoque frame, the Zeon is the choice economy pump for demanding & restrictive environments. Its compact size makes it ideal for locating within the end cabinet of a bunded tank. The Zeon is a solid, reliable, & rugged solution for any commercial environment.

- ▶ Suitable with diesel or biodiesel up to B30.
- ▶ Meter 4 piston, +/- 0.25%.
- ▶ Cabinet stainless steel. External based mounting holes.
- ▶ Choose pumping speed 50L/min 70L/min or 90L/min.
- ▶ Pump unit belt driven with air separator & integral filter.
- ▶ Display LCD with backlight.
- ▶ Display shows up to 9999,99 litres, totaliser shows up to 999,999 litres.
- ▶ Communication with FMS via pulse.
- ▶ Simple to maintain good access for service engineers.
- ▶ Standard equipment 3.66m steel braided hose, 10:1 100:1 pulser & suction inlet flexible connector.
- ▶ Choose left or right nozzle holster versions.
- ▶ Choose your preferred nozzle.
- ▶ Dimensions 1150mm H x 400mm W x 450mm D

Pumptronics



**ZE11MC**

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps	Motor
ZE11LC	50L/min diesel pump, no nozzle	230V	+/- 0.25%	50L/min	16A	1.1 kW
ZE11MC	70L/min diesel pump, no nozzle	230V	+/- 0.25%	70L/min	16A	1.1 kW
ZE11HC	90L/min diesel pump, no nozzle	230V	+/- 0.25%	90L/min	16A	1.1 kW

## Zeon Commercial Diesel – Twin Cabinet

The Zeon Twin provides an economical solution to dual pumping systems where different fuels or double capacity fuelling is necessary. This versatile pump is perfect for space-conscious commercial fuelling areas. The Zeon Twin can be mounted inside tank cabinets even when space is limited.

- ▶ Traditionally, if two pumps were required you purchased two separate pumps. Save money, choose a twin pump.
- ▶ Pumping speeds:  
Diesel 50/50, 50/70, 50/90, 70/70, 70/90, 50/90, 90/90L/min.
- ▶ Choose your preferred nozzles.
- ▶ Dimensions 1150mm H x 575mm W x 450mm D

### Options Mono & Twin

- ▶ Second side display
- ▶ Stainless under pump plinths for sites without suitable islands.
- ▶ Galvanised under-pump cradles/stools for new installations.

Pumptronics



**ZE22LHC**

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps	Motor
ZE22LC	50/50 diesel twin pump, no nozzles	230V	+/- 0.25%	50/50L/min	32A	1.1 kW
ZE22LMC	50/70 diesel twin pump, no nozzles	230V	+/- 0.25%	50/70L/min	32A	1.1 kW
ZE22MC	70/70 diesel twin pump, no nozzles	230V	+/- 0.25%	70/70L/min	32A	1.1 kW
ZE22MHC	70/90 diesel twin pump, no nozzles	230V	+/- 0.25%	70/90L/min	32A	1.1 kW
ZE22LHC	50/90 diesel twin pump, no nozzles	230V	+/- 0.25%	50/90L/min	32A	1.1 kW
ZE22HC	90/90 diesel twin pump, no nozzles	230V	+/- 0.25%	90/90L/min	32A	1.1 kW



Pumptronics

## Zeon Commercial - AdBlue®



When space is at a premium the Zeon range comes into its own, combining an ultra compact design.

With its small footprint & monocoque frame, the Zeon is the choice economy pump for demanding and restrictive environments. Its compact size makes it ideal for locating within the end cabinet of a bunded tank. The Zeon is a solid, reliable, & rugged solution for any commercial environment.

- ▶ Suitable with Adblue®.
- ▶ Meter accuracy, +/- 1%.
- ▶ Cabinet stainless steel. External based mounting holes.
- ▶ Pumping speed 25L/min.
- ▶ Pump unit no air separator (not available in dispenser format).
- ▶ Display LCD with backlight.
- ▶ Shows up to 9999,99 litres, totaliser shows up to 999,999 litres.
- ▶ Communication with fuel management system via pulser.
- ▶ Simple to maintain good access for service engineers.
- ▶ Standard equipment 4m statically bonded textile braided hose & 10:1 or 100:1 pulser.
- ▶ Choose your preferred nozzle.
- ▶ Dimensions 1150mm (H) x 400mm (W) x 450mm (D).
- ▶ Stainless steel solenoid valve (dispenser option only).
- ▶ Not approved for resale.
- ▶ Not ATEX certified.

## Options

- ▶ Second side display.
- ▶ Stainless steel under-pump plinth.
- ▶ Galvanised under-pump stool.

## ZEAB11LC

Stock Code	Description	Voltage	Accuracy	Max Flow	Amps
ZEAB11LC	25L/min AdBlue pump, no nozzle	230V	+/- 1%	25L/min	3A
ZEAB11LC/DISP	Dispenser version, no nozzle	230V	+/- 1%	25L/min	2A

## Zeon Pump Spares

Stock Code	Description	L/min
AL000091	Pulley motor 70mm aluminium	70/90
AL000092	Pulley motor 50mm aluminium	45
AL000090	Pulley pump 125mm OD, 45L/min aluminium	45
AL000093	Pulley pump 100mm OD, 90L/min aluminium	70/90
CAWK00051	Pump nozzle boot Assembly (plastic)	All
CL000024	Keys for panel/nozzle locks (set of 2)	All
EL000002	Motor 0.55kW 240V AC relay - 50L/min pumps	50
EL000009	Motor 1.1kW 240V AC relay - 70/90L/min pumps	70/90
EL000020	Nozzle magnetic switch 3 core	All
MAGNET	ZVA nozzle magnet	All
HF000008	Drive belt A27 low speed (HTC Anti-Static)	50
HF000009	Drive belt A26 low speed (HTC Anti-Static)	70/90
HF000120KIT	Replacement AdBlue® meter Kit (Badger meter)	30
HFP00010	Standard outlet strainer 74 micron (200 mesh)	All
HFP00036	Inlet strainer 100 micron (150 mesh)	All
HIGHHOSE	High hose assembly (spare) 1" female outlet	All
PLINTHKIT-MONO	Plinth kit for mono stainless steel	All
PLINTHKIT-TWIN	Plinth kit for twin stainless steel	All
UNIMOTORPLATE	Universal motor mounting plate supply with all motors built before 2005	All
XENCODER	Replacement encoder/pulser assembly for flowmeter	All
XMPUMPC	Pumptronics pump unit with air separator	All
XMRHEAD	MPACT head single sided master display	All
XN000011-ASS	Air separator float assembly	All
XN000012	Replacement flowmeter assembly	All
XN000016	Under pump check valve new design	All

## Zeon - Automatic Nozzle Options

- ▶ Hytek professional nozzles - not suitable for resale.
- ▶ ZVA - suitable for resale.
- ▶ Zeon pumps require a magnet-equipped guard to operate the nozzle switch.



NOZA.XC

ZVA.STD2EC

ZVA.STD2EC

ZVA.ABC

Stock Code	Description	50/70	50	90	AB®
NOZA.XC	Diesel 80L/min c/w magnet	•	•		
ZVA.STD2EC	Diesel 80L/min c/w magnet	•	•		
ZVA.STD2ESBC	Diesel 80L/min c/w magnet & SB	•	•		
NOZA.X25C	Diesel 140L/min c/w magnet			•	
ZVA.25C	Diesel 140L/min c/w magnet			•	
ZVA.25SBC	Diesel 140L/min c/w magnet & SB			•	
ZVA.ABC	AdBlue® c/w magnet				•
ZVA.ABSBC	AdBlue® c/w magnet & SB				•