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Hemel Hempstead, Hertfordshire HP2 7FW

01442 211554

www.edincare.com   edincarepumps

Quote no. MM1536 R2

Quote date 19/12/2024

Quote by Melvin

Account no.

Validity 90 days

Cust. ref. Copthorne

Care Home

Customer address

Sam Slatter
Horizon Construction
13a Shad Thames
London
SE1 2PU

Dear Sam,

Thank you for your enquiry. I have received your specification and now take pleasure in providing a quotation for the following project:

Project name: Copthorne Care Home

A packaged pumping station is required to pump foul water from a new development to high level.

Foul Water Pumping Station

Our chamber selection of 2,500mm diameter and 5,600mm length offers a storage of approximately 25,000L below the lowest incoming invert at 160mm from the top of the chamber. A turret of 500mm depth has been included with the chamber. The pump selection offers a flow of 3.0 litres per second to a total head of 3.55m including a rising main length of 40 m through a 90mm OD rising main.

Surface Water Pumping Station

Our chamber selection of 1,250mm diameter and 2,500mm depth offers a storage of approximately 1,540L below the lowest incoming invert at 1,245mm from the top of the chamber. The pump selection offers a flow of 3 litres per second to a total head of 7.2m including a rising main length of 30 m through a 63mm OD rising main.

We recommend that this quotation be presented to the appropriate regulatory board for their approval. Based on the requirements provided to date, please find below my recommendation. I have attached technical specifications, selection, scope of supply, price, and terms.

I trust you find our offer of interest. Please do not hesitate to contact me should you require further assistance.

Yours sincerely,

Melvin Mathew
Edincare Pumps
Email: mmathew@edincare.com
Tel: 01442 211554

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Foul Water Pumping Station

DESIGN CRITERIA

Static head	3 m	Dist. of pumps to control panel	10 m
Length of rising main	40 m	Power available	Three phase
Total head	3.55 m	Single / dual / triple pump	Dual
Rising main diameter	90 mm	Control philosophy	Duty/Standby
Flow rate required	3 l/s	Wastewater type	Foul Water

TECHNICAL SPECIFICATIONS

SUBMERSIBLE PUMPS: 2 no. Flygt DP3069 (manual, 400 V, 10 m cable)

Impeller type	Vortex	Maximum flow rate	17 l/s
Supply voltage	415 V	Pump outlet size	DN80
Rated current	4.4 A	Solids handling	80 mm
Motor rating (P2)	1500 W	Cable length	10 m
RPM	1380 rpm	Weight (per pump)	68 kg
Maximum head	4.5 m	Manual / Automatic	Manual

CONTROL PANEL: 1 no. Control panel, metal, DOL, dual pump, 3-phase, 1-4kW, 24V & VFC output

Control philosophy	Float switches	Internal battery	Yes
Start method	Direct online start	Door locking isolator	Yes
Number of connected pumps	2	Visual indicators	P1 running, P1 tripped, P2 running, P2 tripped, Power on, High level
Supply voltage to panel	400 V	Outputs	24v & VFC
Enclosure type	Metal, IP54	Battery backup	No
Dimensions (L/W/D)	600mm x 400mm x 210mm	Telemetric	No
Sounder with mute	Yes	Changeover	Yes
High level alarm	Yes		
Switches	Hand / Off / Auto		

LEVEL CONTROLS: 4 no. Float switch multi-contact, Flotec-Taurus (10m)

Level control type	Float Switches	Level control cable length	10 m
Level control material	Plastic		

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Foul Water Pumping Station

CHAMBER/TANK/SUMP: 1 no. 2,500mm dia. x 5,600mm long, GRP

Dimensions	2,500mm dia. x 5,600mm long
Material	GRP
Clear opening	900mm x 900mm

Capacity (total)	25,000 litres
Capacity (below lowest inlet)	NA

PUMP ACCESS METHOD: 2 no. DN80 pedestals with single guide rails c/w lifting chains and shackles

Pump mounting method	Pedestal Mounted
Number of pedestals	2
Pedestal/s size	80 mm
Number of guide rails	2 per pump
Guide rail/s size	2"

Lifting systems	
Lifting type	Chain
Lifting chain material	Steel
Lifting chain length	3.5m
Lifting chain max. loading	300 kg
Number of shackles	2
Shackle size	8 mm
Shackle material	Steel

INTERNAL PIPEWORK / VALVES: 1 no. 3" internal PVC pipework, Outlet 3" Male BSP

Pipework/fittings Material	PVC
Pipework/fittings Size	3"

Internal Gate Valves	
Number of Internal Gate Valves	1
Gate Valve/s Type	Flat Sided
Gate Valve Material	Brass
Gate Valve Size	3"

Internal Non-return Valves	
Number of Non-return Valves	2
Non-return Valve Type	Flap
Non-return Valve Material	Brass
Non-return Valve Size	3"

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Foul Water Pumping Station

CONNECTIONS: 1 no. Outlet 3" BSP, 1 no. 110mm inlet, 1 no. 110mm vent duct, 1 no. 110mm cable duct

Inlets ^[1]

Number of inlets	TBC
Size of inlets	TBC

Cable duct

Size of cable duct	110 mm
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Outlets

Number of outlets	1
Size of outlets	90mm OD
Outlet type	Male Thread

Vent duct ^[2]

Size of vent duct	110mm
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[1] Invert levels to be details using the attached fabrication sheet.

[2] A common SVP. This is to allow air to be drawn in and expelled when the tank is filling and emptying and to prevent smells.

CLIENT'S RESPONSIBILITIES

- Any and all groundworks, such as excavation and the creation of reinforced concrete sumps.
- Unloading at the site.
- Movement of all equipment to the work area.
- Hoisting the chamber into the sump, if applicable.
- Installation of all external inlet, vent, cable duct and discharge pipework in accordance with Edincare installation and operating guidelines.
- Provision of mains power.
- If telemetric monitoring equipment is installed it is the client's responsibility to ensure that a suitable connection is obtainable by the time of its installation (Hardwired/WiFi/LAN/GPRS).

PRICE

Item description	Unit (£)	Qty.	Subtotal (£)
MagnaGrand 2500-5600-P-3-2-3			

Please refer to Quotation Summary for full details.

NOTE

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Surface Water Pumping Station

DESIGN CRITERIA

Static head	4.5 m	Dist. of pumps to control panel	10 m
Length of rising main	30 m	Power available	Single phase
Total head	7.2 m	Single / dual / triple pump	Dual
Rising main diameter	63mm OD	Control philosophy	Duty/Standby
Flow rate required	3 l/s	Wastewater type	Surface Water

TECHNICAL SPECIFICATIONS

SUBMERSIBLE PUMPS: 2 no. AP501NE (manual, 240 V, 10 m cable)

Impeller type	Vortex	Maximum flow rate	6.3 l/s
Supply voltage	230 V	Pump outlet size	2"
Rated current	6 A	Solids handling	45 mm
Motor rating (P2)	750 W	Cable length	10 m
RPM	2900 rpm	Weight (per pump)	23 kg
Maximum head	12 m	Manual / Automatic	Manual

CONTROL PANEL: 1 no. Control panel, Metal, DOL, dual pump, 1-phase, 1-4kW, 24v, VFC, BBUP

Control philosophy	Float switches	Internal battery	Yes
Start method	Direct online start	Door locking isolator	Yes
Number of connected pumps	2	Visual indicators	P1 running, P1 tripped, P2 running, P2 tripped, Power on, High level Alarm with BBUP
Supply voltage to panel	240 V	Outputs	24v, VFC
Enclosure type	Metal, IP54	Battery backup	No
Dimensions (L/W/D)	600mm x 400mm x 210mm	Telemetric	No
Sounder with mute	Yes	Changeover	Yes
High level alarm	Yes		
Switches	Hand / Off / Auto		

LEVEL CONTROLS: 4 no. Float switch multi-contact, Flotec-Taurus (10m)

Level control type	Float Switches	Level control cable length	10 m
Level control material	Plastic		

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Surface Water Pumping Station

CHAMBER/TANK/SUMP: 1 no. 1250mm dia. x 2500mm deep, Polyethylene Tank

Dimensions	1,350mm dia. x 2500mm deep	Capacity (total)	2,760 litres
Material	Polyethylene	Capacity (below lowest inlet)	1,450 Litres
Clear opening	900mm x 600mm		

PUMP ACCESS METHOD: 2 no. DN50 pedestals with single guide rails c/w lifting chains and shackles

Pump mounting method	Pedestal Mounted	Lifting systems	
Number of pedestals	2	Lifting type	Chain
Pedestal/s size	DN50	Lifting chain material	Steel
Number of guide rails	2 per pump	Lifting chain length	3m
Guide rail/s size	1"	Lifting chain max. loading	300 kg
		Number of shackles	2
		Shackle size	8 mm
		Shackle material	Steel

INTERNAL PIPEWORK / VALVES: 1 no. 2" internal galvanised steel pipework, Outlet 2" Male BSP

Pipework/fittings Material	Galv. Steel		
Pipework/fittings Size	2"		
Internal Gate Valves		Internal Non-return Valves	
Number of Internal Gate Valves	1	Number of Non-return Valves	2
Gate Valve/s Type	Flat Sided	Non-return Valve Type	Flap
Gate Valve Material	Brass	Non-return Valve Material	Brass
Gate Valve Size	2"	Non-return Valve Size	2"

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Surface Water Pumping Station

CONNECTIONS: 1 no. Outlet 2" BSP, 1 no. 110mm inlet, 1 no. 110mm vent duct, 1 no. 110mm cable duct

Inlets ^[1]

Number of inlets	1
Size of inlets	110 mm

Cable duct

Size of cable duct	110 mm
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Outlets

Number of outlets	1
Size of outlets	3"
Outlet type	Male Thread

Vent duct ^[2]

Size of vent duct	110mm
-------------------	-------

[1] Invert levels to be details using the attached fabrication sheet.

[2] A common SVP. This is to allow air to be drawn in and expelled when the tank is filling and emptying and to prevent smells.

CLIENT'S RESPONSIBILITIES

- Any and all groundworks, such as excavation and the creation of reinforced concrete sumps.
- Unloading at the site.
- Movement of all equipment to the work area.
- Hoisting the chamber into the sump, if applicable.
- Installation of all external inlet, vent, cable duct and discharge pipework in accordance with Edincare installation and operating guidelines.
- Provision of mains power.
- If telemetric monitoring equipment is installed it is the client's responsibility to ensure that a suitable connection is obtainable by the time of its installation (Hardwired/WiFi/LAN/GPRS).

PRICE

Item description	Unit (£)	Qty.	Subtotal (£)
MagnaPro 1250-2500-G-2-2-1			

Please refer to Quotation Summary for full details.

NOTE

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QUOTATION SUMMARY

For full scope of supply please refer to the technical specifications for each pumping station.

Item description – FOUL WATER PUMPING STATION	Qty	Unit (£)	Disc.	Subtotal (£)	
MagnaGrand 2500-5600-P-3-2-3	1				☐
				NET (£)	

For full scope of supply please refer to the technical specifications for each pumping station.

OPTIONAL EXTRAS

Please tick all required items.

Item description	Qty	Unit (£)	Disc.	Subtotal (£)	
Rubber wall seal, 110 mm	1	£27.00	0%	£27.00	☐

For full scope of supply please refer to the technical specifications for each pumping station.

Item description – Surface Water Packaged Pumping Station	Qty	Unit (£)	Subtotal (£)	
MagnaPro 1250-2500-G-2-2-1				☐
			NET (£)	

OPTIONAL EXTRAS FOR SURFACE WATER PACKAGED PUMPING STATIONS

Please tick all required items.

Item description	Qty	Unit (£)	Subtotal (£)	
Access cover, sealed, locking, galv, inlay, 900mm x 600mm (B125)	1			
Access cover, sealed, locking, galv, solid top, 900mm x 600mm (B125)	1			
Rubber wall seal, 110 mm	1			
PowerSafe 1700.CP (1 hour, 6.1 A, 750 W) – Battery Backup	1			

COMMISSIONING SERVICES

Item description	Qty	Unit (£)	Disc.	Subtotal (£)	
Commissioning (See Appendix A5)	2				☐

Please tick all required items.

ADDITIONAL SERVICES

Please enter a quantity then tick all required items.

Item description	Qty	Unit (£)	
Pre- and Post-CCTV survey (see Appendix A8)	0	POA	☐
Pre-commissioning wash out service (see Appendix A5)	0	POA	☐
Onsite guidance service (see Appendix A7)	0	£345.00	☐
Handover service (see Appendix A9)	0	£345.00	☐
Service agreement (5-year term) (see Appendix A3)	0	POA	☐
Tankering (see Appendix A1)	0	POA	☐
Jetting (see Appendix A1)	0	POA	☐

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Category	Subtotal (£)
All products	
Installation	
Commissioning	
*Delivery	
Optional extras	
Optional services	
GRAND TOTAL	

All prices exclude VAT which is chargeable at the standard rate.

If you require any amendments to this quotation, please call Melvin Mathew on 01442 211554 or at mmathew@edincare.com

***Delivery** 10 working days from receipt of official order. The above price is includes delivery to site in mainland UK. Offloading is the responsibility of the customer. If the order is split there will be an additional carriage charge (available upon request).

TERMS AND CONDITIONS

Please note that the following terms are applicable.

Validity

90 days from date of this document.

Terms

Edincare Terms and Conditions of sale apply, copy attached and also available to view at www.edincare.com

Should the control panel be sited more than 10 metres from the base of the tank a kiosk will be required, this ensures that there is a local isolation point.

All pumping stations must be vented to atmosphere with a minimum 110mm duct. The vent pipe can be dedicated or a common SVP. This is to allow air to be drawn in and expelled when the tank is filling and emptying and to prevent smells.

Should additional works be required beyond our standard commissioning schedule (available upon request), extra days may be required. Any extra days will be charged at our standard rate (available upon request).

Our works exclude the provision and connection of the mains power supply and all works of a civil nature.

Delivery

10 working days from receipt of official order. The above price is inclusive of delivery to site in Mainland UK. Offloading on site is the responsibility of the customer. Please note that should the order be split there will be an additional carriage charge (available upon request).

VAT

Edincare Terms and Conditions



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Quote no. MM1536 R2

Quote date 19/12/2024

All prices quoted are exclusive of VAT.

CONFIRMATION OF ORDER

I would like to proceed with the above items (tick all applicable). Please refer to Edincare's Terms and Conditions (attached).

Contact name

Order number

Company name

Date

SERVICES

A1. Tankering and jetting

Our tankering services include the following applications; septic tank and cesspits, interceptors, pumping stations, road gullies and fat, oil and grease traps to name a few.

Our Service Team will be your main point of contact, guiding you from initial call through to our arrival on site. We will provide a fixed price quote upfront, which includes all labour and travel costs, so you know exactly what you're paying in advance. Our Service Coordinators will keep you updated on the progress all the way through.

Our Engineers are fully trained in all aspects of working with pumped drainage systems, as well as being specifically trained in the use of gas detection equipment, confined space entry procedures and all relevant health and safety legislation.

Edincare is registered with the British Safety Council, Constructionline, Safe Contractor, CHAS, ISO, Basement Waterproofing Association, PCA, FORS & NICEIC, and are proud members of the National Association of Drainage Contractors, demonstrating our commitment to Health and Safety and the quality of our workmanship.

Further reading: <https://www.edincare.com/services/drainage-services/tankering/>

A2. Pre- and Post-CCTV survey

Pre-construction and post-construction drainage CCTV surveys to ensure that your drainage network has not been damaged during construction and is clear of debris.

Further reading: <https://www.edincare.com/services/drainage-services/drainage-cctv/>

A3. Pre-installation guidance service

A technical representative will attend site directly after delivery and talk through the installation of the product, specifically in regard to the installation of the chamber, control equipment and rising main.

A4. Pre-commissioning wash out service

Prior to commissioning the chamber is de-watered and all debris is removed to prevent damage to the equipment in operation.

A5. Commissioning

Our comprehensive commissioning service consists of the electrical and mechanical installation of the pump equipment ensuring the system operates as per the manufacturers installation and operating guidelines.

Further reading: <https://www.edincare.com/services/aftersales-services/commissioning/>

A6. Handover service

A technical representative will attend site after commissioning and conduct an onsite demonstration of the equipment. Furthermore, full operating and servicing documentation will be supplied.

OPTIONAL SERVICES

A7. Aqua365 Monitor

The Aqua365 Range has been designed to put you in control of your pump system. You are able to connect the Aqua365 Monitor to almost all Edincare control panels. Using the Aqua365 Online Portal, you can view the current condition of your pump system real time from any online device. Whether you are at home or away, you and your keyholders will receive alerts via email and/or SMS if a fault condition occurs, so that you can manage the condition immediately. The Aqua365 Monitor stays connected via Wi-Fi, LAN or GPRS ensuring a reliable signal is maintained.

We require the following to be in situ prior to installation, 1 no. un-switched fused spur (to be independently supplied via its own 6amp breaker). 1 no. WiFi, LAN (connected to broadband) or mobile coverage. For a 3-phase powered pump station a neutral is required. All of the above are to be available adjacent to the Aqua365 Monitor.

When retrospectively fitting an Aqua365 Monitor, a charge of £395 + VAT will apply for an engineer to attend site to undertake the installation.

For further information, please refer to the attached Aqua365 Range setup form.

A7.1 Aqua365 Monitor

To obtain access to the Aqua365 Online Portal and view the current condition of your pump system real time and receive alerts via email and/or SMS a monthly subscription of £19.99 + VAT applies, payable via direct debit. You can enter up to 3 keyholders to receive alerts for the following fault conditions*; Power failure, High level alarm, Pump 1 tripped, Pump 2 tripped, Service due (*the conditions monitored vary subject to system type).

A7.2 Aqua365 Monitor Pro

To obtain access to the Aqua365 Online Portal Pro to view the current condition of your pump system real time and receive alerts via email and/or SMS a monthly subscription of £24.99 + VAT applies, payable via direct debit. You can enter up to 3 keyholders to receive alerts for the following fault conditions*; Power failure, High level alarm, Pump 1 tripped, Pump 2 tripped, Pump 1 running, Pump 2 running, Pump 1 runtime, Pump 2 runtime, Pump 1 cycles, Pump 2 cycles, Service due (*the conditions monitored vary subject to system type).

Aqua365 Range setup form



[Download](#)

OPTIONAL SERVICES

A8. Services Agreement (5-year term)

All Edincare products are manufactured to the highest possible standard and we have every confidence that the equipment will serve our customers well. However, as with all systems of this nature, regular maintenance is essential to ensure the system operates at its optimum level and fulfils its expected lifespan.

Our Service Agreements consist of planned preventive maintenance visits at an agreed frequency. As part of all service visits, a detailed service check list is utilised that covers all visual inspections, working tests, system adjustments and electrical safety checks.

Service Agreement benefits

- 10% discount off of all parts.
- Flexible payment options (Monthly Direct Debit).
- Service terms available between 2–5 years (discounts offered subject to service term).
- Out of hours service.
- Service visits to suit your schedule.
- Reduced emergency call out rates.
- Provide full reporting on all works undertaken, this includes current condition of equipment and any recommended works.
- Preferential scheduling of emergency call outs.
- Increased life expectancy of equipment.
- Reduced risk of breakdowns with their associated costs and inconvenience.
- Free technical advice available via our help line.
- Fully trained service engineers.
- Nationwide coverage.

Frequency of visits

The number of Service Visits Per Year depends on the equipment and application type. In accordance with BS EN 12056-4 and Edincare recommendations, the pump equipment must be maintained at intervals of:

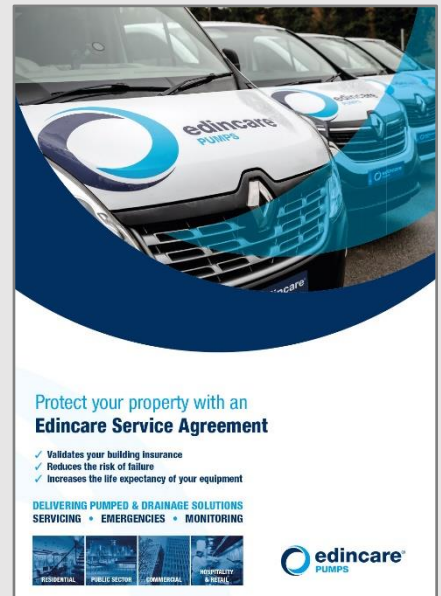
ONCE PER YEAR Single residential dwelling;

TWICE PER YEAR Single residential dwelling with a risk of flooding in the event of product failure (eg. basement applications), and multiple residential dwellings;

FOUR TIMES PER YEAR Commercial premises.

Further reading: <https://www.edincare.com/services/aftersales-services/planned-servicing/>

Edincare Service Agreement



Please contact us for further details.

DP 3069 LT 3~ 413

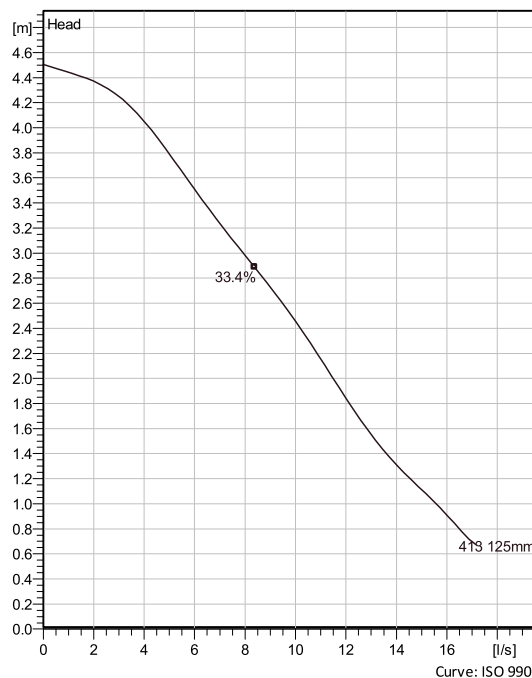
Portable pumps with vortex impellers ideal for applications in which the water or liquid contains concentrations of abrasives when clogging problems can occur.



Technical specification



Curves according to: Water, pure [100%], 4 °C, 999.9 kg/m³, 1.5692 mm²/s



Nominal (mean) data shown. Under- and over-performance from this data should be expected due to standard manufacturing tolerances.
Please consult your local Flygt representative for performance guarantees.

Configuration

Motor number D3069.180 13-08-4BB-W 1.5KW	Installation type P - Semi permanent, Wet
Impeller diameter 125 mm	Discharge diameter 80 mm

Pump information

Impeller diameter 125 mm
Discharge diameter 80 mm
Inlet diameter 80 mm
Maximum operating speed 1380 rpm
Number of blades 6
Throughlet diameter 80 mm
Max. fluid temperature 40 °C

Materials

Impeller Grey cast iron
Stator housing material Grey cast iron

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DP 3069 LT 3~ 413

Technical specification



Motor - General

Motor number D3069.180 13-08-4BB-W 1.5KW	Phases 3~	Rated speed 1380 rpm	Rated power 1.5 kW
Approval No	Number of poles 4	Rated current 4.4 A	Stator variant 1
Frequency 50 Hz	Rated voltage 415 V	Insulation class F	Type of Duty S1
Version code 180			

Motor - Technical

Power factor - 1/1 Load 0.73	Motor efficiency - 1/1 Load 65.1 %	Total moment of inertia 0.009 kg m ²	Starts per hour max. 15
Power factor - 3/4 Load 0.63	Motor efficiency - 3/4 Load 64.0 %	Starting current, direct starting 16 A	
Power factor - 1/2 Load 0.50	Motor efficiency - 1/2 Load 58.4 %	Starting current, star-delta 5.34 A	

Project Xylect-20291054
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Created on 12/4/2024 **Last update** 12/4/2024

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Performance curve

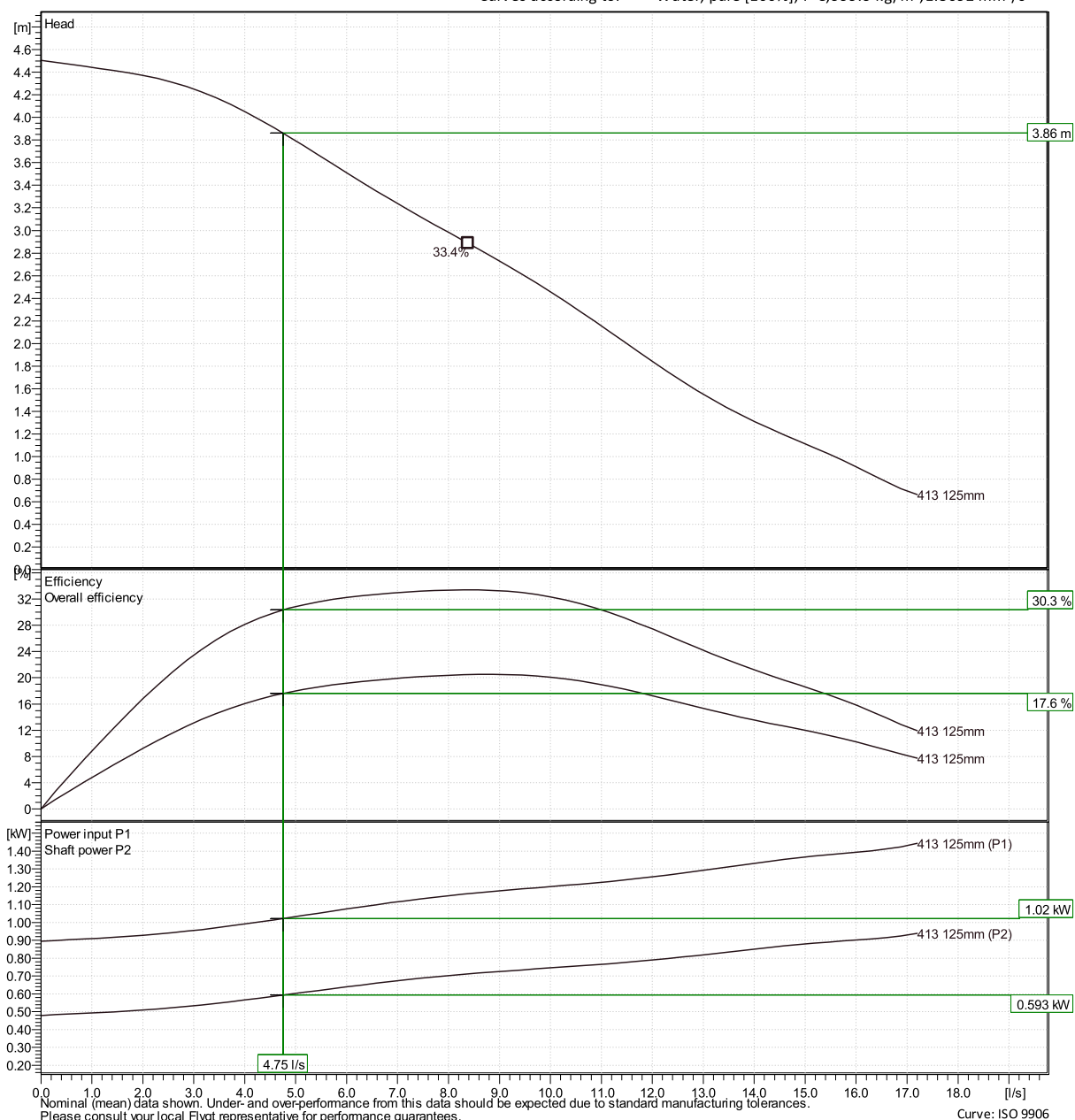


Duty point

Flow
4.75 l/s

Head
3.86 m

Curves according to: Water, pure [100%], 4 °C, 999.9 kg/m³, 1.5692 mm²/s



Project Xylect-20291054

Created by Melvin Mathew

Block

Created on 12/4/2024 Last update

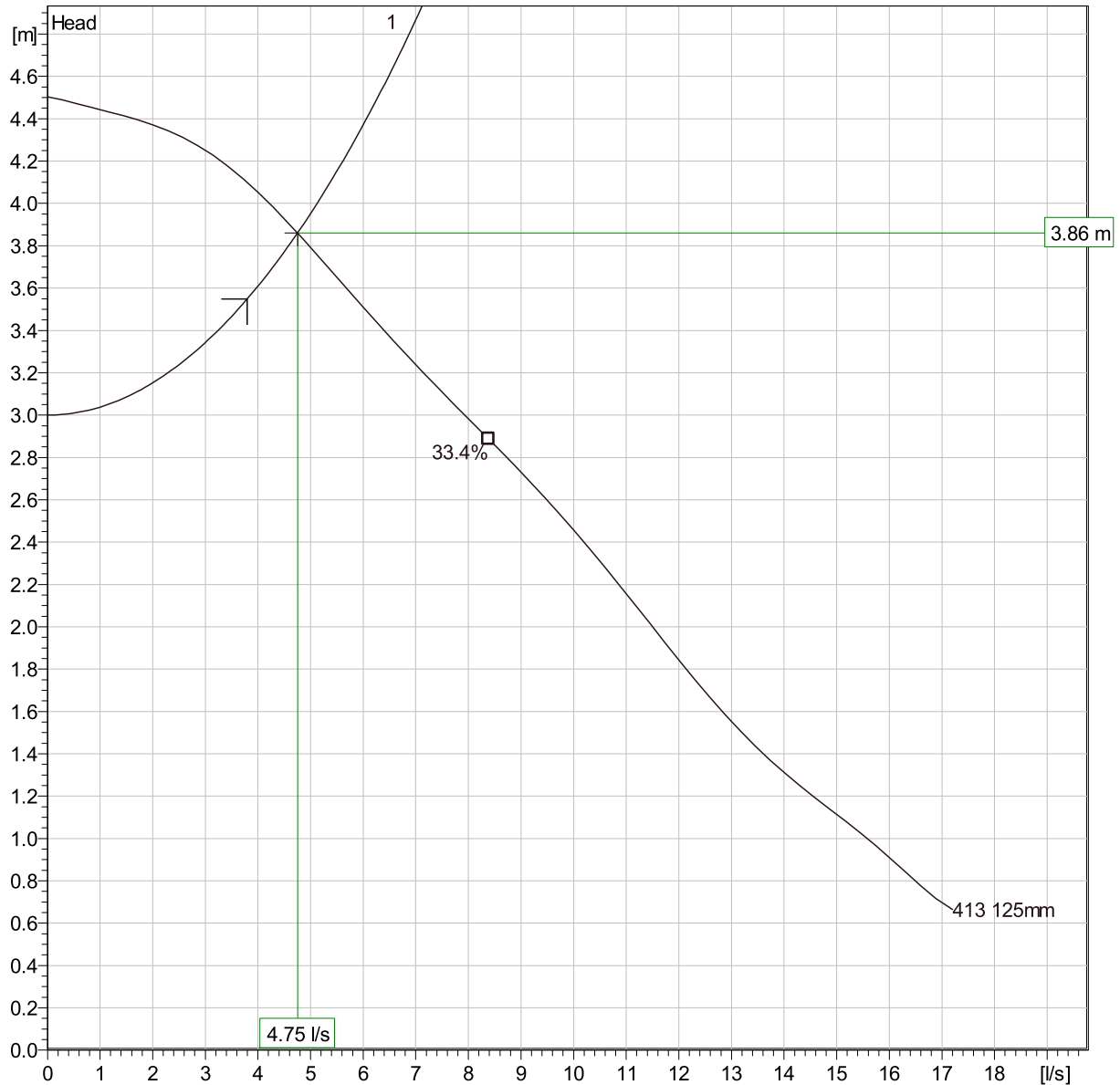
12/4/2024

DP 3069 LT 3~ 413

Duty Analysis



Curves according to: Water, pure, 4 °C, 999.9 kg/m³, 1.5692 mm²/s



Operating characteristics

Pumps / Systems	Flow	Head	Shaft power	Flow	Head	Shaft power	Hydr.eff.	Specific Energy	NPSH _{re}
1	4.75 l/s	3.86 m	0.593 kW	4.75 l/s	3.86 m	0.593 kW	30.3 %	0.0597 kWh/m	

Project Xylect-20291054
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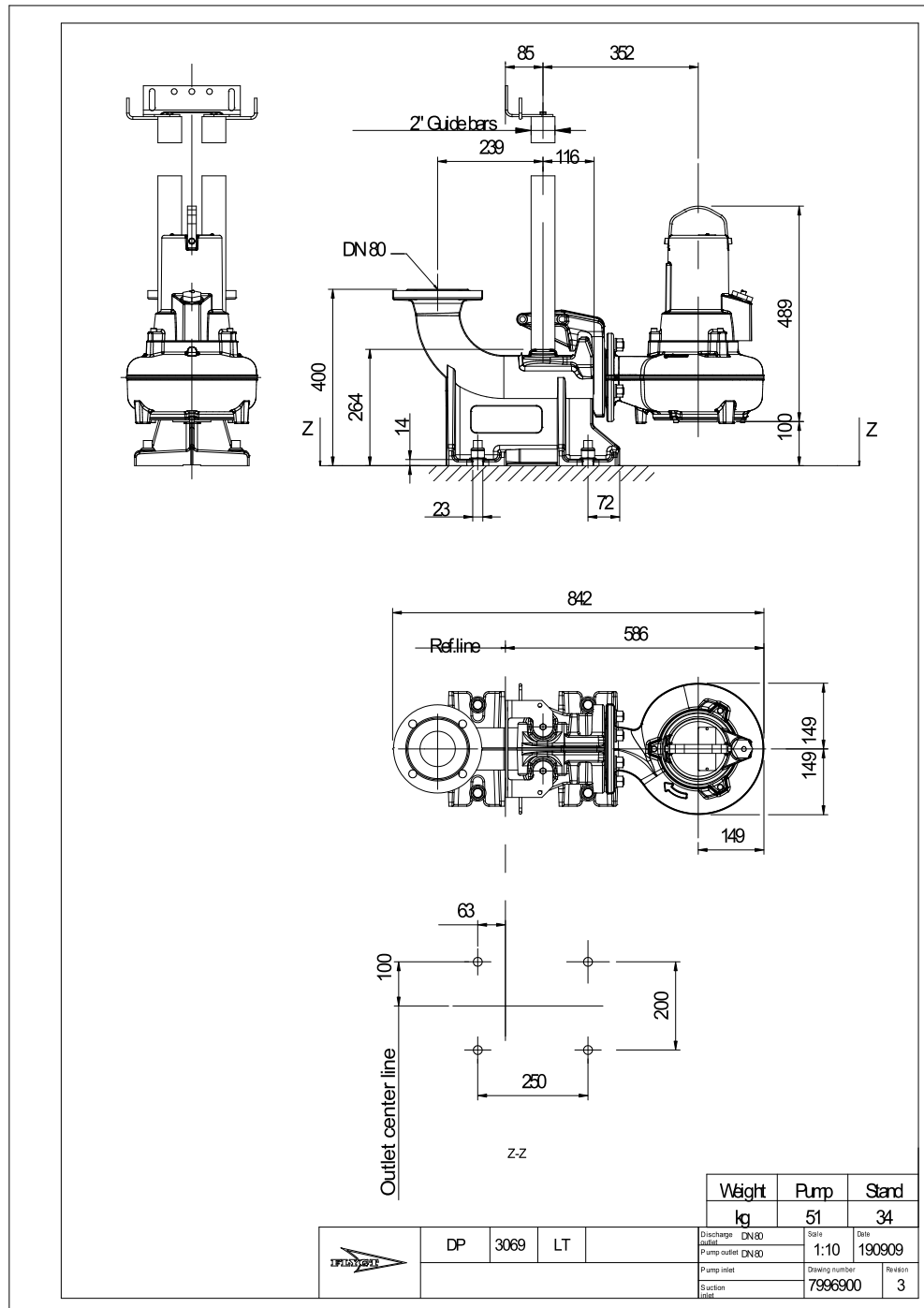
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Last update

12/4/2024

DP 3069 LT 3~ 413

Dimensional drawing



Project Xylect-20291054
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CHAMBER (Front and side view A and B)

ITEM	INDEX	DEPTH (mm)	DIAMETER (mm)	CLOCK POSITION
Inlet	C1			
Inlet	C2			
Inlet	C3			
Inlet	C4			
Discharge	D1			12
Cable duct			100	
Vent duct			100	
Slab (depth inc. cover)	E			

DISCHARGE POSITION

The DISCHARGE must always been positioned on the reinforced discharge face shown in BLUE.

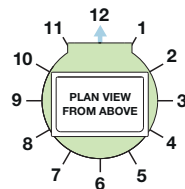
Number of discharges:

☐ One ☐ Two

INLET POSITIONS

Inlets must be positioned in the GREEN areas only.

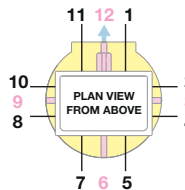
With the DISCHARGE set at 12 o'clock, indicate the positions for INLETS, as if on a clock face.



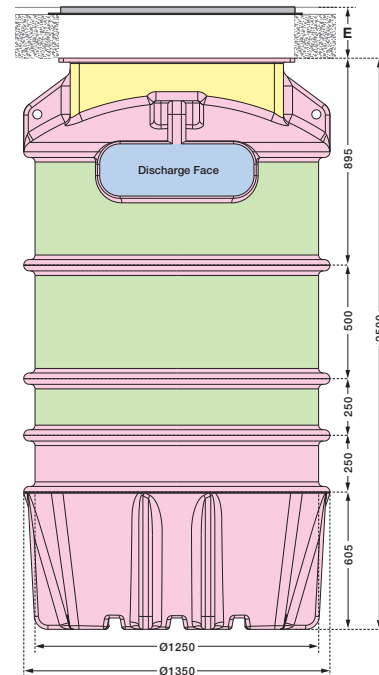
DUCT AND VENT POSITIONS

Cable ducts and vents (if applicable) must be positioned in the YELLOW areas only, avoiding the ribs for the lifting eyes.

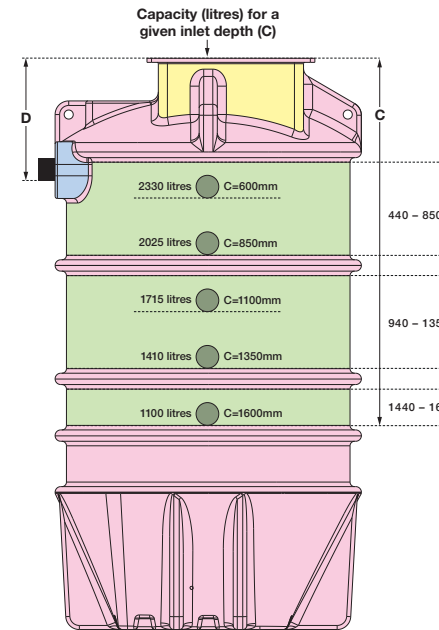
With the DISCHARGE set at 12 o'clock, indicate the positions for CABLE DUCTS and VENTS, as per the diagram.



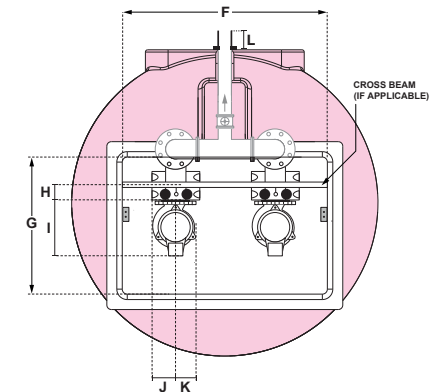
FRONT VIEW (A)



SIDE VIEW (B)



PLAN VIEW (C)



CLEAR OPENING (Plan View (C))

ITEM	INDEX	DIMENSIONS (mm)
Clear opening length	F	900
Clear opening width	G	600
Top bracket depth	H	
Pump depth	I	
Left width of pump	J	
Right width of pump	K	
Discharge type		
Discharge spigot length	L	
Access cover type		



..... INVERT LEVEL

All dimensions are in millimetres (mm) and are to the invert level (bottom of pipe). When positioning the inlet please take into account the diameter of the pipe.

KEY Discharge only Inlet location allowed Cable ducts and vents only No drilling allowed

CUSTOMER NAME	PRODUCT NAME
PROJECT NAME	SALES ORDER NO.
PROJECT ADDRESS	DRAWING VERSION
	DRAWN BY
	CHECKED BY
	DATE

PLEASE NOTE THAT THIS DOCUMENT MUST BE READ IN CONJUNCTION WITH THE INSTALLATION & OPERATING GUIDELINES. DRAWING NOT TO SCALE.

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edincare
PUMPS

Ama-Porter 501NE



The state of the art Ama-Porter 501NE is designed for high operating reliability and is designed to give top performance due to a generously sized motor, thermal overload protection. The pump comes in a manual, automatic, single and three phase versions.

The submersible pump with a 45mm solids clearance offers reliable and effective dewatering. The compact shape and small sump requirements ensure a quick and cost effective installation of the pump. Can be supplied free standing, or pedestal mounted for permanent installations.

APPLICATION

- Factories and warehouses
- Housing developments
- Commercial buildings
- Retail and leisure
- Domestic properties

SUITABLE FOR

- Ground water
- Surface water
- Storm water
- Grey water

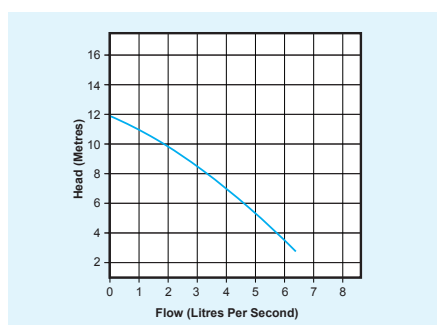
IMPELLOR TYPE

- Vortex

KEY FEATURES

- Trouble-free operation; clogging is prevented by a free flow impeller
- Easy installation and removal with an automatic bolt-free connection
- Internal overload protection
- Long service life due to a shaft made of corrosion-resistant stainless steel and a bi-rotational mechanical seal

PUMP CURVE



DIMENSIONS

AmaPorter 501NE	
Height	393mm inc. feet
Width	198mm
Length	328mm inc. outlet

TECHNICAL SPECIFICATIONS

AmaPorter 501NE	Single Phase
Power Supply	240V AC
Rated Current	6.0A
Motor Rating	750W
Frequency	50Hz
Revolutions Per Minute	2900rpm
Max. Vertical Output	12m
Max. Flow Rate	6.3l/s
Max. Liquid Temperature	<40°C
Discharge Size	DN50
Free Passage	45mm
Cable Length	10m
Weight	23kg
Colour	Blue
Impellor Type	Vortex
Control	Manual