

PRODUCT DATA SHEET

Delta Pluto Packaged Pump Station



PLUTO



PLUTO WITH TURRET

Description

The Delta Pluto Packaged Pumping Station is available in association with TT Pumps and has been specifically designed to work in harmony with Cavity Drained Systems to collect Ground Water via a perimeter drainage channel or modular drainage. This package pump station can withstand hydrostatic forces encountered in applications with high water tables. Pumping applications are invariably demanding – typically operating in unsympathetic, arduous, or extreme environments, where quality matters.

The powerful Goliath/DG Blue PRO pump offers innovative design and advanced technology making it extremely dependable even when subjected to continuous use (subject to correct installation).

The Delta Pluto Packaged Pumping Station sump offers versatility of collecting water from external light-wells. The Delta Pluto Packaged Pump Station includes chamber, all internal pipework, valves and pumps.

The Delta Pluto Packaged Pumping Station is suitable for collecting ground water from a 150m² basement and surface water from a maximum 12m² lightwell.

The extension turret is an innovative design that allows the installer to change the depth of the chamber installation to suit site specific levels. Due to possibility of site complications and changing requirements, it would be useful to be able to extend the depth of the tank. The extension turret is placed on top of the tank and clamped and sealed in place and can be cut at set increments to adjust the height of the pumping station chamber. The focus on this is to aid in reducing of installation time and to provide product flexibility in site conditions.

The Delta Pluto Packaged Pumping Station is not suitable for collecting foul water.

Features

- BBA Approval and Accreditation
- Suitable for ground, surface, storm, and grey water applications
- Flow rate up to 7.5 L/s at up to 11m head
- Chamber manufactured from superior virgin tank grade HDPE enabling the Delta Pluto Packaged Pumping Station to withstand hydrostatic forces encountered in applications with high water tables
- Quick and simple installation
- 156 litre operating storage
- Supplied with Goliath/DG Blue PRO powerful Delta Pluto Pumps
- Suitable for residential, commercial and heritage projects

Product details

- DMS-T001 Delta Dual Pluto 150 including TT HLA Duty
- DMS-T002 Delta Dual Pluto 400 including TT HLA Duty
- DMS-T003 Delta Dual Pluto 550 including TT HLA Duty
- DMS-T004 Delta Pluto Dual Foul Blue 50 including TT HLA Duty
- DMS-T009 Delta Pluto Extension Turret including clamping kit and seal

Specification

- BS8102:2022 Protection of Below Ground Structures Against Water Ingress. Code of Practice.
- NBS Specification R18 (Clause 310) Pumping Stations and Pressure Pipelines

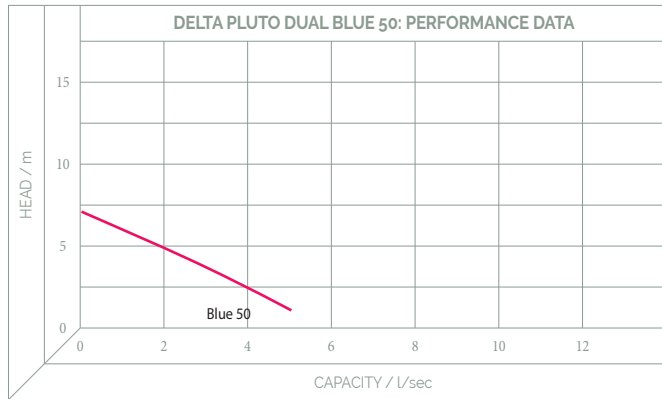
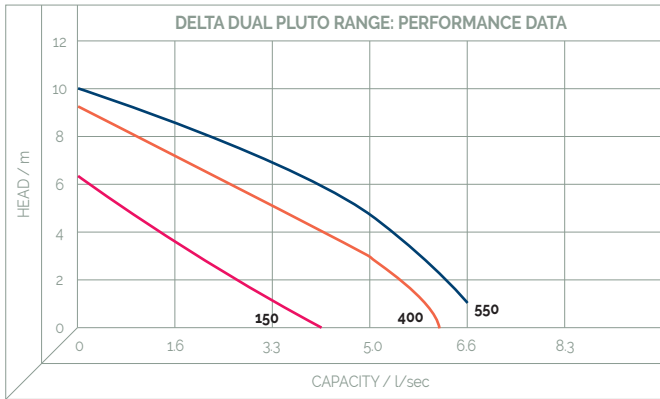


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PUMP TYPE.	MOTOR POWER		DISCHARGE		MAXIMUM		FREE PASSAGE mm	CABLE m	WEIGHT kg
	amp	kW	mm	inch	Head m	Capacity L/sec			
Delta Dual Pluto 150 230V/1Ph	1.6	0.15	50	2	6.3	4.1	30	5	8
Delta Dual Pluto 400 230V/1Ph	3.2	0.4	50	2	9.2	6.1	35	5	9.3
Delta Dual Pluto 550 230V/1Ph	3.6	0.55	50	2	10	7.2	35	5	15.8
Delta Pluto Dual Foul Blue 50 G40V 230V/1Ph	2.8	0.37	40	1½	7	5.2	40	10	13

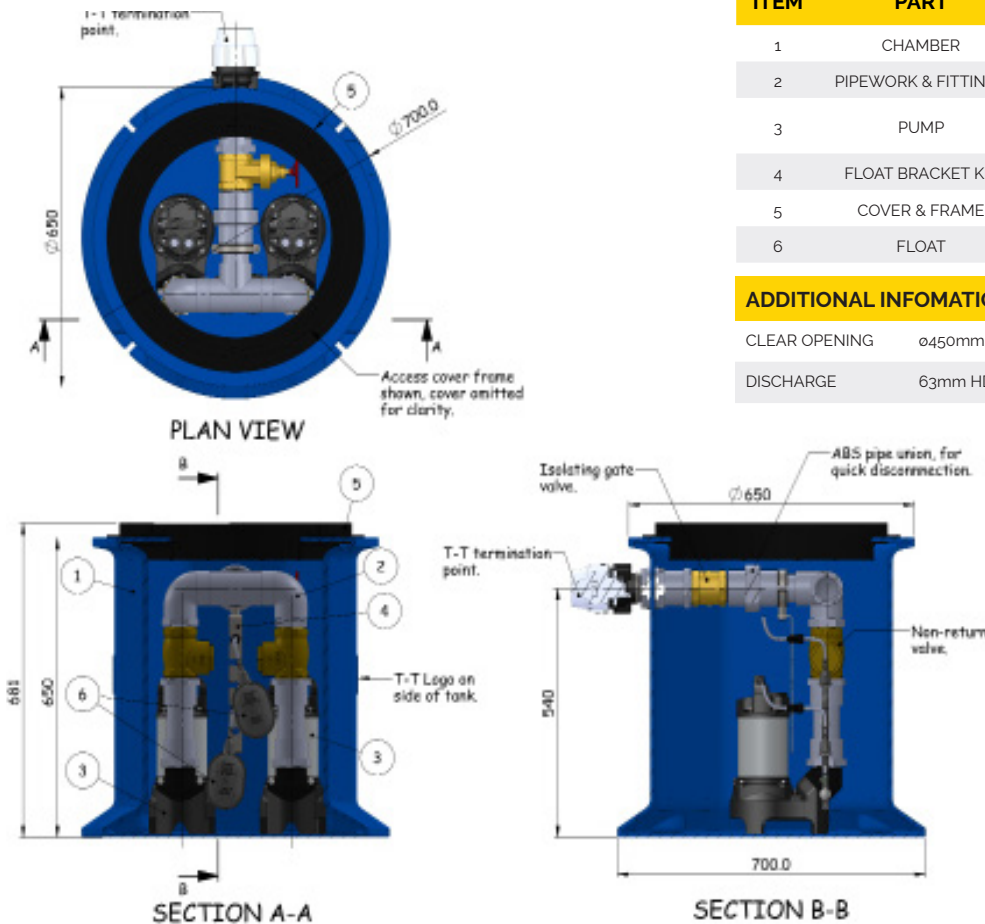


Chamber Specification

ITEM	PART	MATERIAL
1	CHAMBER	POLYETHYLENE
2	PIPEWORK & FITTINGS	ABS & BRASS
3	PUMP	STAINLESS STEEL / CAST IRON / ENGINEERED PLASTIC
4	FLOAT BRACKET KIT	STAINLESS STEEL
5	COVER & FRAME	POLYPROPYLENE
6	FLOAT	POLYPROPYLENE

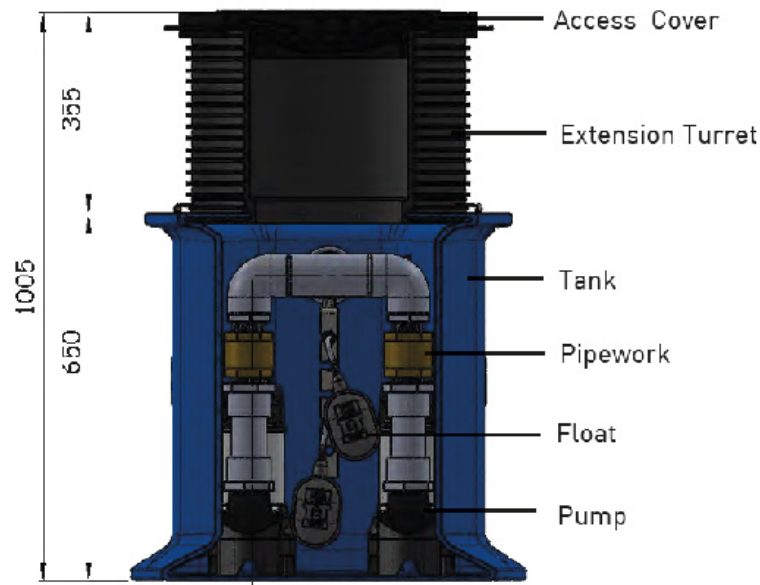
ADDITIONAL INFORMATION

CLEAR OPENING	ø450mm
DISCHARGE	63mm HDPE Adaptor



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This item CANNOT be retrofitted to previously installed tanks.

Control Systems

CONTROL PANEL	SINGLE & DUAL SYSTEMS
MATERIAL	Plastic IP66 rated enclosure*
VOLT FREE CONTACT	Yes - High Level, Power Failure
VOLTAGE	240V / 1PH / 50Hz
MAX RATING	9.3A
ALARM	Audiable c/w mute function
MAINS ON INDICATOR	Yes c/w mains fail fault.



Other control & enclosure options available inc. Automatic float control
 *IP66 rated enclosures if spare glands plugged

Other information

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