

The DRAINMAJOR 730/1030 is the ideal waste water pumping system for high temperature, modern environments.

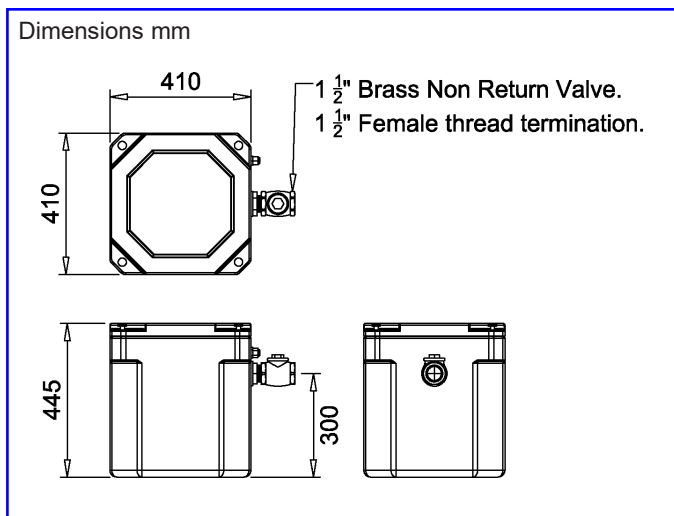
30mm Solids Handling Capacity

This unit is designed to pump waste water from Commercial/Industrial sinks, and utility/cleaners sinks.

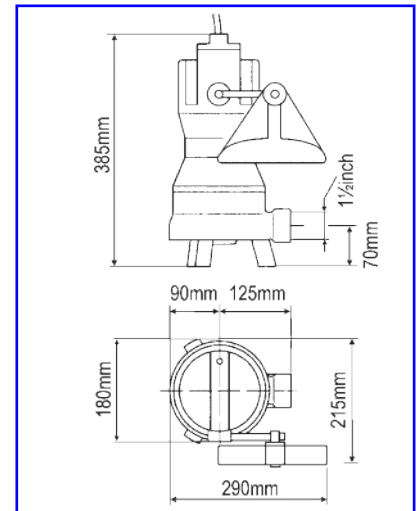
It has been SPECIALLY constructed to handle hot water from commercial dishwashers, washing machines and glass washers.

An important feature of the unit is its high head pumping capability (up to 9 metres) which enables it to handle difficult, awkward or very long discharge pipe runs.

- OFFICES
- WAREHOUSES
- FACTORIES
- SHOPS
- PUBS/CLUBS
- SCHOOLS
- CINEMAS
- THEATRES
- HOSPITALS
- RESTAURANTS



- ZIP TAPS
- DISHWASHERS
- COMBINATION OVENS



PTL 730 'H' version available for extremely hot water - up to 90° C. Check specifications with our Technical Department

- ✓ PUMPS UP TO 8m VERTICALLY
- ✓ 30mm SOLIDS HANDLING CAPACITY
- ✓ CONTINUOUS RATED MOTOR
- ✓ MECHANICAL SHAFT SEAL (SILICONE CARBIDE)
- ✓ COMPACT SIZE / EASY TO INSTALL
- ✓ COMPLETE / READY TO INSTALL

HIGH LEVEL ALARM (RECOMMENDED ACCESSORY) to monitor water level

This complete and simple to install System has been specifically designed to handle small amounts of food waste.

The DRAINMAJOR 730 will pump waste water containing solids of up to 30 mm size, such as food particles from kitchen sinks.

The absence of a strainer avoids the familiar problem of pumps failing due to the inlet screen becoming clogged.

Instead, the waterborne particles are picked up by the special 3 vane open impeller and passed directly into the discharge port.

56 Youngs Industrial Estate, Aldermaston, Berks. RG7 4PW

Tel: 0118 9821555 Fax: 0118 9821666

E-mail: support@pumptechnology.co.uk

Web Site: www.pumptechnology.co.uk

DRAINMAJOR 730/1030: The durable tank is manufactured from polyethylene fibre laminate fully rigged with internal pipework and non return valve.

QUALITY: The tank is pigmented throughout with an externally smooth isophthalic polyester gel coat and resin enriched lining.

OUTLETS: The tank has a 1.5" BSP male thread discharge outlet. (NRV supplied is female thread)

PUMP Type PTL730/1030: Vertical single-stage, submersible with free inlet, spiral casing with 1.5" horizontal discharge open vortex impeller, (30 mm solids handling capacity).

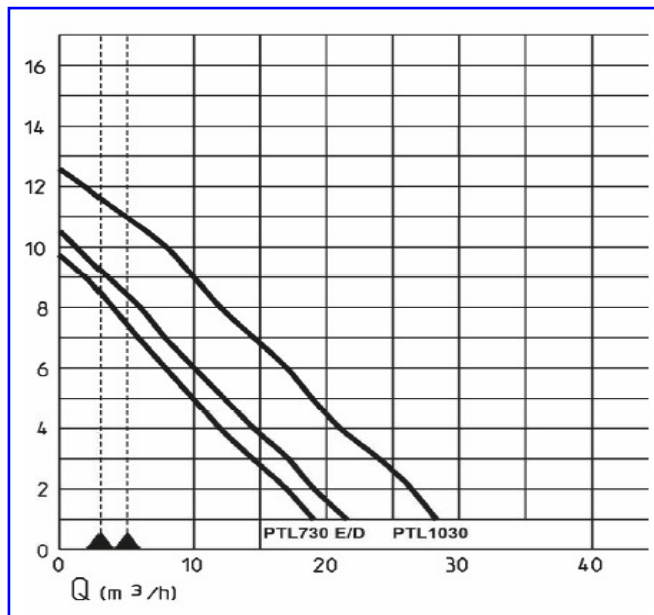
Motor: Fully encapsulated submersible motor with built-in overload/thermal cut-out, watertight (IP68) enclosure, class B insulation. Supplied with built-in level switch.

Materials: Spiral casing in cast iron - Terminal board, hood, impeller, wear plate made of GRP. Motor casing and shaft of stainless steel. Supply through rubber insulated flexible cable.

Bearings: Common shaft for pump and motor, mounted in ball bearings.

Seal: Silicon carbide mechanical seal, oil chamber and double shaft seal towards the motor section, safe to run dry.

For Commercial kitchens with multiple sinks, dishwashers, glasswashers etc., a **DRAIN-KING Twin Pump System MUST be used.**



The **DRAINMAJOR 730/1030** comes complete with a one year warranty. In the unlikely event of technical difficulties, please ring: **Pump Technology Limited on 0118 9821555**

IMPORTANT: This unit is not designed to handle sewage. Please enquire about our packaged sewage pumping systems.

Technical Data (50 Hz)							
Type	Voltage	P1	P2	F.L.C.	RPM	Overload Protection	Max. Solids Size
PTL 730E	single phase 230 V	0.83kW	0.50kW	3.9A	2500	Incorporated in motor (thermostat)	30mm
PTL 730D	3-phase 400V	0.85kW	0.60kW	1.4A	2800		30mm
PTL 1030E	single phase 230 V	1.37kW	0.98kW	6.0A	2700		30mm
PTL1030D	3-phase 400V	1.36kW	1.06kW	2.4A	2740		30mm

Depending on the working environment of the DRAINMAJOR it may be advisable to fit a grease trap/interceptor. Please seek advice from our technical department. **Phone 0118 9821555 for further information.**

INSTALLATION DRAINMAJOR 730/1030 Installers please note. (use solvent weld or copper pipe)

1. Remove lid from tank, check pump is correctly positioned and connecting pipework has not been damaged in transit.
2. Check that the union is tightly connected so that the pump does not move on its mountings impeding the float action.
3. All inverts should be brought into the side of the tank by drilling a hole and using an appropriate tank connector.
4. Preferably no connections through the lid as this inhibits easy removal of the lid for cleaning tank. (Note: tank **MUST** be positioned in such a way that lid can be removed easily to allow access for tank interior and pump cleaning.)
5. All inverts should be brought into the tank (using tank connectors) at the highest possible level from the floor - i.e. no lower than 155 mm from base of unit for the 730 and 185mm for the 1030.
6. Ensure that the inflow of water is not directed onto the float.
7. Slow radius bends **MUST** be used for every change of direction of the discharge pipework.
8. If the discharge pipework connects to a soil stack, manhole etc. **below the discharge outlet of the tank**, an anti-syphon unit **MUST** be fitted to the highest point of the discharge pipework.

VENTING TO AIR: THE TANK MUST BE VENTED TO AIR (1¼" MIN.) **DO NOT USE A DURGO AIR / ADMITTANCE VALVE.** IF GLASSWASHERS OR COMMERCIAL/INDUSTRIAL DISHWASHERS/WASHING MACHINES ARE USED IT IS RECOMMENDED THAT AT LEAST A 2" VENT IS TAKEN TO AIR. (IF YOU WISH TO DISCUSS YOUR PARTICULAR APPLICATION WITH REGARD TO VENTILATION PLEASE CONTACT OUR TECHNICAL SALES DEPARTMENT.)

MAINTENANCE:

*The DRAINMAJOR 730/1030 should have the lid **REGULARLY** removed for **CLEANING** of the tank and pump*