

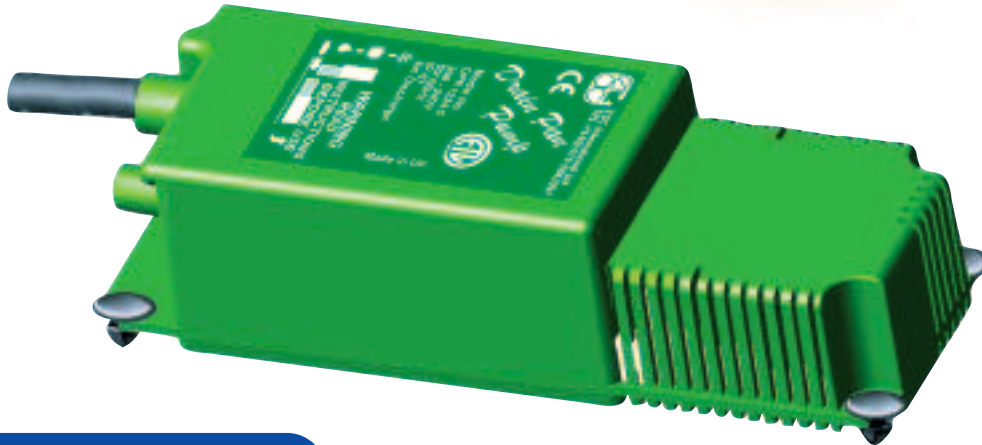
DRAIN PAN PUMP



**Low-Cost Defrost Water Removal from Refrigerated Cases,
Dehumidifiers, Fan Coils and Air Conditioners**

Simply Stand the Drain Pan Pump in the Water Collection Tray and Switch On

The Green Solution



Method of Operation

The DPP Drain Pan Pump contains proven electronic water detectors and a pump which turns on to remove the defrost water from a refrigeration cabinet, or condensate water from an air conditioner or condensate boiler.

When placed into a drain pan and connected to the power supply and a discharge tube, DPP operation is completely automatic and the pump will turn on only when water is present and will stop when the water has been pumped away. Its rubber feet and side bumpers mean the DPP floats quietly just above the floor of the drain pan.

Designed for high-spec low-cost installations, the DPP can replace drain pan heaters, or more expensive pumps, with major savings in running costs. With its electronics and all internal parts totally encapsulated, it is unaffected by being submerged by defrost water dumps and it will remove up to 14 litres/hour.

The water level in the drain pan is continuously measured by a sensitive electronic sensor, and this controls the operation of the pump via the fully-encapsulated circuitry within the rugged plastic housing. Water entry into the pump is from the sensor cell, which is protected from contamination by a large-surface-area grill, designed to keep out loose hairs and particles larger than 1mm.

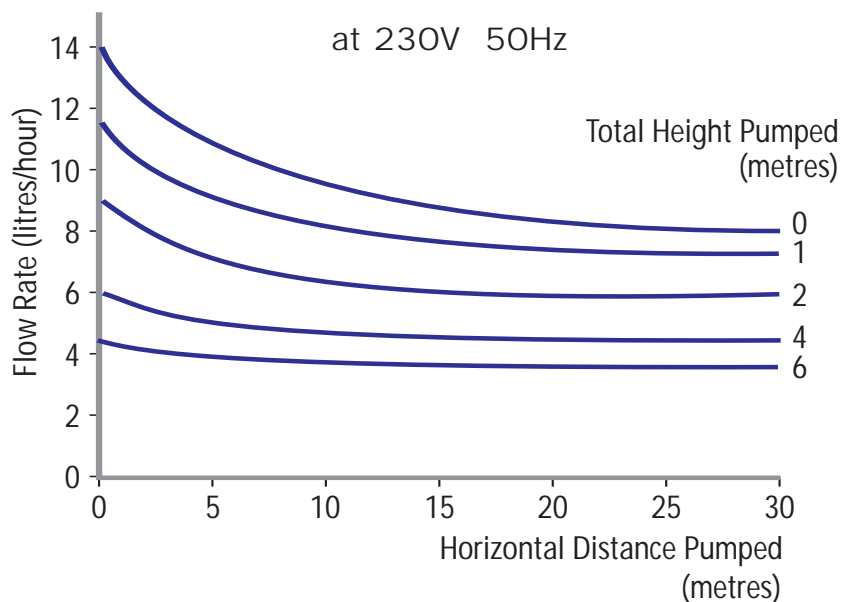
With its small dimensions, low cost and very low energy use, this DPP pump is a beneficial alternative to drain pan heaters. Also, by pumping defrost water away to a drain, instead of evaporating it into the air, it gives further benefits in reduced frequency of defrosting, less temperature cycling, and increased energy efficiency.

In air conditioning installations, the DPP can be used to replace the larger tank pumps with their greater power usage and noisier operation.

Specification

| | |
|-------------------------------------|--|
| Power Supply | : 208-240V 50/60Hz : 110-120V 50/60Hz |
| Power Consumption with Pump Running | : 30W |
| Power Consumption with Pump Off | : 0.33W |
| Maximum Water Temperature | : 40°C (100°F) |
| Maximum Discharge Lift | : 6 metres |
| Discharge Tube Size | : 6 - 6.35mm / (1/4") i.d. |
| Index of Protection | : IP67 - Fully Submersible |
| Dimensions | : 120 (long) x 40 (wide) x 32 (high) |
| Pumping Capacity - Zero Lift | : 336 litres/day / 76 gallons/day |
| Supply Cable Length | : 1.5 metres |
| Thermal Protection Fitted | |
| Material Flameproof to UL94V-0 | |

Capacity



Installation Simplicity

Simply place on the base of the condensate or defrost water drain pan, connect a 6mm (1/4") plastic tube from the discharge outlet to the drain, and connect the power cable to a suitable supply fused at 3A. When water fills the drain pan to a height of 6-8mm the pump will automatically switch on and pump the water level down to 3-4mm, then switch off. The DPP sits on rubber vibration absorbers, which also prevent vibration transmission from the sides of the pump to the drain pan.



EDC International Limited

Brook House, 14 Station Road
Pangbourne, Reading, Berks
RG8 7AN England
Phone: +44 (0) 118 984 2991
Fax: +44 (0) 118 984 5300
Email: sales@edcinternational.com

EDC Technologies Asia Pte Ltd

21004 Toa Payoh North 06-08, Singapore 318995
Phone: +65 252 8030 Fax: +65 252 3682
Email: asia_sales@edcinternational.com

EDC International, Inc

273, Canal Street, Suite 224, Shelton, CT6484 U.S.A.
Phone: (203) 922 1886 Fax: (203) 922 0158
Email: US_sales@edcinternational.com