

Sika® Pump Pro Battery Backup

Sump and pump set for Cavity Drain systems

Product Description

The Sika® Pump Pro Battery Backup is a fully automatic sump and pump set suitable for removal of water from a single storey basement cavity drain system.

Uses

For removal of water collected in cavity drain systems within basements.

Characteristics / Advantages

The system consists of a polyethylene sump chamber with locking access cover (pedestrian traffic only), one 240V automatic submersible pump, one 24V backup pump and a control panel with alarm, battery backup and trickle charger.

Product Data

Sump

Size (sump) Height: 600 mm
Diameter: 600 mm

Weight 42 kg

Colour White

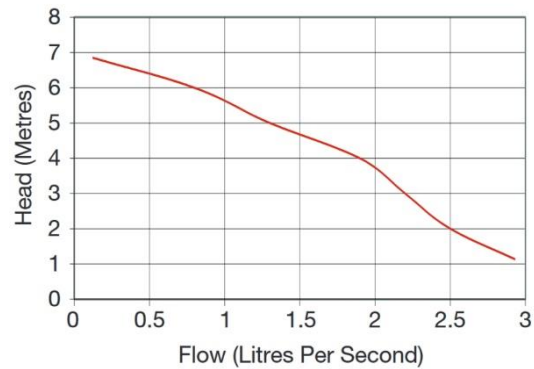
Technical Data

	Main Pump	Backup Pump
Power Supply	230 V AC	24 V
Rated Current	1.9 A	13 A
Motor Rating	180 W	Intermittent
Frequency	50 Hz	50 Hz
Revolutions Per Minute	2800 rpm	
Max. Vertical Output	6.8 m	6 m
Max. Flow Rate	174 l/min	150 l/min
Max. Liquid Temperature	<40 °C	<40 °C
Discharge Size	1¼ inch	1¼ inch
Cable Length	5 m	3 m

Construction



Pump Curve



Installation Guidelines

Please refer to the full Method Statement for installation guidelines.

Siting the Product

The Sika® Pump Pro Battery Backup should be installed within a minimum 900 x 900 x 750 mm waterproof re-sump within the basement slab and concreted into position.

Sump chambers should be located to allow access for maintenance.

Inlet Connections

The Sika® Pump Pro Battery Backup sump has multiple flat faces to allow inlet connections to be made.

Discharge Connection

Two discharge connectors are provided within the sump wall which will accept 1¼" PVC Class E pressure pipe. All joints in the discharge line must be made with solvent cement, under no circumstances should push fit or compression fittings be used. It is recommended that twin discharge pipes are installed.

The Sika® Pump Pro Battery Backup is designed to pump upwards on a gradient or for one vertical lift only; the vertical lift should ideally be within 500mm of the unit.

IMPORTANT It is recommended that there are no bends in the vertical lift, however if this is unavoidable a minimum of slow radius bends may be used.

Electrical Connection

A qualified person in accordance with the Institute Of Electrical Engineers Regulations should connect the unit to the appropriate mains supply taking into account all the electrical information provided.

Refer to the method statement for electrical connections.

IMPORTANT All pump systems must be used with an appropriate motor rated protection device.

Maintenance

The Sika® Pump Pro Battery Backup requires regular maintenance.

In accordance with BS 8102:2009, Type C drained protection waterproofing systems should be maintained. The service period should be a minimum of twice yearly. This should be agreed at the outset with the installing contractor or a specialist pump servicing company.

Health and Safety	All site work must be undertaken by suitably qualified personnel only.
Value Base	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
Local Restrictions	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
Legal Notes	The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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