

iDiver

INTELLIGENT SUBMERSIBLE PUMP WITH INTEGRATED CONTROLLER



iDiver

NEW

PRODUCT FEATURES

- Intelligent integrated controller
- reliable
- high efficiency
- compact design

DESCRIPTION

iDiver

Intelligent submersible demand switched pump with integrated controller

The iDiver is a compact, fully automatic submersible pump with an intelligent integrated controller, which operates the pump on demand.

The iDiver can be used to reliably supply rain water from a rainwater storage tank for toilets, washing machines and garden watering.

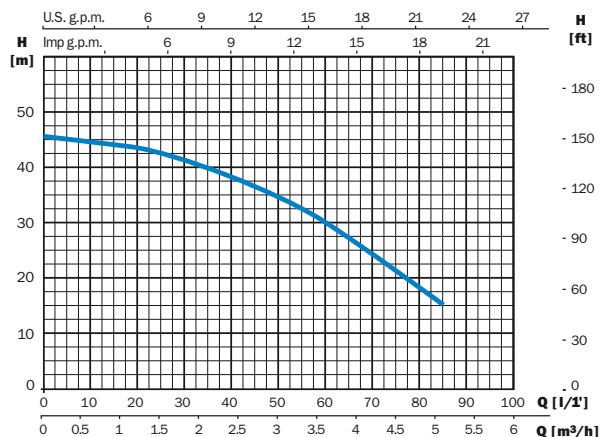
The intelligent controller automatically starts and stops the pump upon demand. When pressure drops in the supply line (i.e. water is required having been taken by a device or user) the pump will run automatically. The pump's controller also provides the pump with dry run protection. If the iDiver fails to pump water the dry run protection will activate. In this event the iDiver will try to pump again three times at intervals; if there is still no water available the pump turns off.

The iDiver is a multistage centrifugal pump which provides safe operation and a high degree of efficiency. The iDiver is made entirely from corrosion resistant materials and has a 1" pressure outlet on the upper side and a 1" suction inlet at the bottom.

The iDiver includes a 15 m power cable with plug. The PowerDiver model also includes a 1 meter long floating intake with inbuilt filter and check-valve for the abstraction of the cleanest water.

(Note that untreated rainwater should not be used for potable purposes, i.e. drinking, food preparation and personal washing etc.)

SPECIFICATION

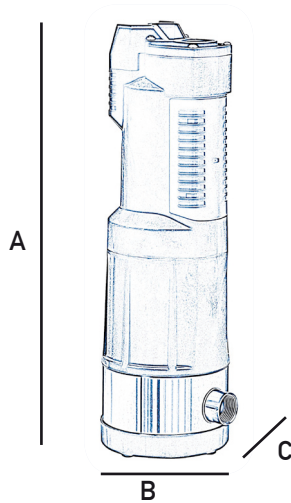


This data is based on the kinematical viscosity of 1mm²/s and the density of 1.000kg/m³.

iDiver

TECHNICAL INFORMATION

SIDE VIEW



POWERDIVER



PowerDiver; as iDiver with a 1 meter floating intake.

DIMENSION AND WEIGHT

	iDiver
A	480 mm
B	150 mm
C	150 mm
Suction Inlet	1"
Pressure Outlet	1"
Weight	11 kg

TECHNICAL DATA

	iDiver
Flow Qmax.	5,1 m ³ /h
Height Hmax.	45 m
Temperature of Water	+5°C to +35°C
System Pressure max	to 7 bar
max. Installation height	15 m
minimum Waterflow	10 l/min

ELECTRICAL DATA

	iDiver
Voltage	230 V
Frequency	50 Hz
Power rating	1 kW
RPM	2900

MATERIALS

Made from 100% recyclable materials
High-grade steel suction ring

MODEL

Art.-No.	Name	MG
10126	iDiver	5
10127	PowerDiver	5