

# System Sump and Pump

## NEWTON NP400PP

### Puddle Pump

Rev 1.1 - 26 January 2017

PRODUCT CODE - P13

#### INTRODUCTION

The Newton NP400PP is a 400 watt puddle pump designed for pumping water down to very low levels. Capable of pumping down to 1mm, the NP400PP can be purchased individually as a manual pump as shown here, or it can be purchased with low level switching capability as part of the Newton NP400 Low Level Pumping System (please see the data sheet for the [Newton NP400LLPS](#)).

#### KEY BENEFITS

- Has an integrated one-way check valve
- Suitable for use with a 50 mm flexible suction hose

#### TYPICAL APPLICATIONS

- Rain water
- Ground water

#### ASSOCIATED PRODUCTS

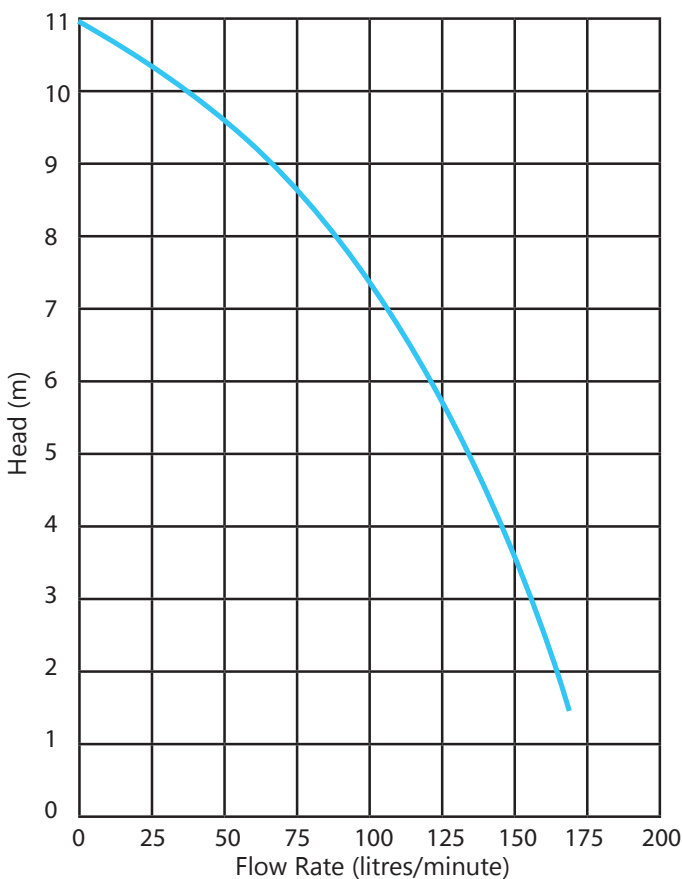
- Newton [High Level Alarm](#) - PA50
- Victron [Converter and Battery BackUp System](#)
- Newton Text and Speech [Dialer](#) - PA5

#### DIMENSIONS

- 196 mm x 196 mm x 316 mm

#### WEIGHT

- 12 kg



# NEWTON NP400 LLPS

## Low Level Pumping System

| TECHNICAL DATA             |                                  |               |
|----------------------------|----------------------------------|---------------|
| Features                   | Result                           | Units         |
| Pump Design                | Vortex                           |               |
| Discharge Bore             | 50                               | mm            |
| Pumping Head (Max)         | 11                               | m             |
| Flow Rate (Max)            | 170                              | litres/minute |
| Flow Rate at 4m Head       | 140                              | litres/minute |
| Soft Solid Passage         | 6                                | mm            |
| Length                     | 196                              | mm            |
| Width                      | 196                              | mm            |
| Height                     | 316                              | mm            |
| Lowest or Stop Water Level | 1                                | mm            |
| Dry Weight                 | 12                               | kg            |
| Fluid Suitability          | Rain water, ground water         |               |
| Fluid Temperature Range    | 0 to 40                          | °C            |
| Motor Output               | 400                              | W             |
| Power Supply               | Single Phase                     |               |
| Starter                    | Capacitor Type                   |               |
| Vortex Impellor Speed      | 3000                             | rpm           |
| Body Material              | Pressed Steel. Rubber Base Plate |               |
| Shaft Material             | 403 Stainless Steel              |               |
| Shaft Seals                | Double Silicon Carbide           |               |
| Float Switch               | Probe with control via panel     |               |

Newton Waterproofing Systems reserve the right to update product literature at any time. Please always refer to our [website](#) for the latest versions.