

DATA SHEET

NEWTON NP400

Clean Water Pump

Rev 3.0- 12 October 2010

PRODUCT CODE - P2 & P3

INTRODUCTION

The Newton NP400 is a high head and high to medium performance pump. The NP400 is available as an automatic pump (as shown), or as a manual pump for use with our pump control systems.

It is suitable for use with Newton Power Converters of 1200W or over to give continual pumping even when the power is out. The NP400 is supplied with a one way check valve and is suitable for 50mm or 63mm (via an adapter) discharge pipe. For increased duty in a twin pump system, separate discharge lines should be used.

The NP400 is sold as pump only, or as a key component in our Newton Titan-Pro and Newton Titan packaged pump systems and is available as both an automatic self switching pump (our purchase code P2) and manual version for use with our pump control systems (our purchase code P3).

For further information please contact our Technical Department.

ASSOCIATED PRODUCTS

- Newton Titan-Pro or Titan sump systems
- Newton High Level Alarm - PA12
- Newton Power Converter Back-up systems C3 & C4
- Newton Text and Speech Dialer - PA5
- Newton Pump Control Systems



NEWTON NP400	
Pump Design	Semi-vortex
Discharge Bore	Pump 50mm, Valve 50mm
Pumping Head (Max)	12.2m
Flow Rate (Max)	220 litres/minute
Flow Rate at 4m Head	160 litres/minute
Soft Solid Passage	7mm
Length	241mm
Width	185mm
Height	328mm
Lowest or Stop Water Level	90mm
Dry Weight	11.3kg
Fluid Suitability	Rain water, ground water
Fluid Temperature Range	0 to 40 ° C
Motor Output	400W
Power Supply	Single Phase
Starter	Capacitor Type
Vortex Impellor Speed	2850 rpm
Body Material	Stainless Steel and Cast Iron
Shaft Material	403 Stainless Steel
Shaft Seals	Double Silicon Carbide
Float Switch	Vertical Mechanical

