


Serial Number..... 31501
 Part No. PX375-TC
 Open Flow Rate (USG/Hr)..... 55 @ 5psi
 Closed Flow Pres. (psi)..... 32psi
 Pres. @ 16USG/Hr..... 29psi
 Pass Run Test..... ✓
 Motor Insulation Test..... ✓
 Check Valve Test..... ✓
 Leak Test..... ✓
 MFG Date..... 31/1/13
 Signed..... 



OPERATION MANUAL

BOOST PUMPS : PX375-TC

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General Description

The Boost Pump has been designed for intermittent or continuous use. The general construction of the pump is of high tensile aluminium alloy with the rotors made from hardened and ground steel. The main rotor spindle is of tungsten carbide ground and polished. The pump is constructed to very fine limits and is what gives the Andair pump such high efficiency.

General Operation - Controller

Connect the **Red wire** from the controller unit to positive 6 - 17VDC and the Black wire to the negative supply. Please ensure that the voltage is correct and that the polarity is not reversed. Incorrect voltage may permanently harm the unit. The unit needs to be fitted with a 6Amp breaker. Ensure the unit is mounted securely to the aircraft and in a cool, well ventilated area, and avoid locating in a humid area. The controller is not to be immersed in the pumping fluid.

General Specification

The Pump : Voltage input 6 - 17VDC
 16 USGPH @ 27-30Psi
 Open Flow 55-60 USGPH
 No Flow : Max Pressure 27-30 Psi
 Pressure Drop @ 36GPH <0.5 psi
 Weight of Pump : 383g

 Inlet fitting - Female 1/4 NPT
 Outlet fitting - Male AN-6

General Operation - Pump

Once power is applied the Pump will operate. If the pump is to be used to the first time priming can be aided by filling the pump with the pumping medium, but this is not always necessary. Ensure that the pump is mounted securely to the aircraft using the provided mounting feet. The inlet fitting is by the wire inlet. The pump has a factory set pressure relief port and does not need to be adjusted.