

# Jupiter High Flow Valve Pack



## Introduction

The Jupiter High Flow Valve Pack offers accurate control of pressure & flow for high flow / high power applications. It consists of a small valve pack driven from an external control system. The compact & low cost unit is suitable for use with any Jupiter Subsea control system with a variety of Tools operated from any ROV.

The Jupiter High Flow Valve Pack uses Wandfluh NG10 valves to achieve proportional pressure & flow control of 10-210 Bar at up to 160 lpm in a compact package measuring only 260 x 200 x 206 (mm), weighing 14Kg in water.

The Jupiter High Flow Valve Pack can be fitted with two 250 Bar Differential Pressure Transducers to measure work done directly across the load or alternatively 10 Bar pressure transducers to measure applied pressure on items such as suction anchors.

Alternative valves and pressure transducers can be fitted on request.



## Advantages

- Provides accurate pressure and flow control at up to 160 lpm and 210 Bar
- Compact, light weight housing, 10,000ft (3000m) deep water rated
- Can be used with any Jupiter control system.
- Optional internal Pressure Transducers fitted to external ports allow accurate load power measurement.
- Alternate Pressure Transducers available for accurate sensing of Suction Anchor pressures
- Alternate valve fitment available on request
- Two Water Detectors fitted

## Features

- Size: 260 x 200 x 206mm (W x D x H.)
- Weight: 23kg (in air), 14kg in water
- Output :- 100 lpm @ 180 Bar  
160 lpm @ 130 Bar
- 2 x 4-20mA differential pressure transducers, 10, 250 or 400 Bar, 0.2% accuracy
- Hydraulic Connections  
P = 3/4" BSP, T, A & B = 1" BSP  
4 x Comp = 3/8" BSP, 2 x TDCR = 1/4" BSP
- Electrical Connector:  
Burton 13 way - 5507-2013-PE04
- Material: - 6082 Al Alloy Anodised to BS5599
- Environmental: -20 to 70°C operational  
-30 to 85°C storage

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Main Street, Amotherby, Malton, North Yorkshire, YO17 6TA  
Tel: +44 (0)1653 602020 Web: www.zetechtics.com e-mail: sales@zetechtics.com

Zetechtics Ltd

