



Water & Sewage
Pumping and
Treatment Engineers

The Pump People.

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Jet 150 & 200 Pumps

General Characteristics

*******Technical Data Sheet*******

Extremely reliable and economical, these have been used for many years to pump water for farm supplies from a spring or well to a reservoir or with a pressure vessel giving a pressurised water supply. The high pressure is capable of vehicle or parlour washing duties, garden irrigation, fountains and many urban water decoration features, industrial applications include service station washing, vegetable washing machines etc. The large external ejector allows for self priming, once the pump body has been primed, to depths of 8-9 metres, when a footvalve is recommended.



Technical Specification

The working principle of these Jet pumps allows the water from the twin impellers to be sent partly to the delivery opening, the remainder is re-circulated through the ejector which is connected to the suction chamber and generates the necessary vacuum to self-prime the pump. When the pump is started up the water in the pump body circulates through the ejector and transfers any air from the suction to the delivery chamber, expelling it through the delivery piping. At the same time the vacuum produced causes water to rise in the suction pipe so self-priming the pump. As this self-priming action operates continuously, these pumps are not effected by air bubbles in the water being pumped.

Construction

Motors - 240/220v, 1ph, 50Hz to IP44 protection, aluminium motor casing totally enclosed external fan cooled, induction motor with permanent-split capacitor. Jet 150 1.5HP, Jet 200 2HP.

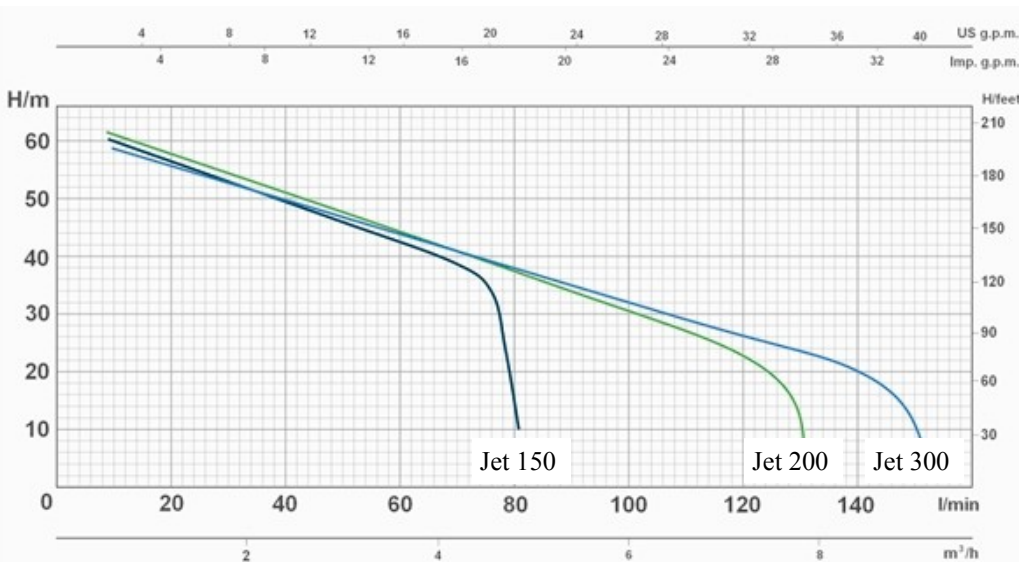
Pump - pump body, ejector body and motor backplate in cast iron. Pump drive shaft in stainless steel. Impellers, diffusers, nozzle and venture tube in noryl.

Installation

Indoors or weather protected covered area, frost protected. Always mount the pump in the same plane as the picture.

Plumbing Connections

Suction - 1.5" BSP female.
Delivery - 1" BSP female.



Manufacturers reserve the right to change specifications without prior notice

Jet 150-200 March 10

Visit our website for details of our full range of pumps and accessories. www.amospumps.co.uk



Associated Products

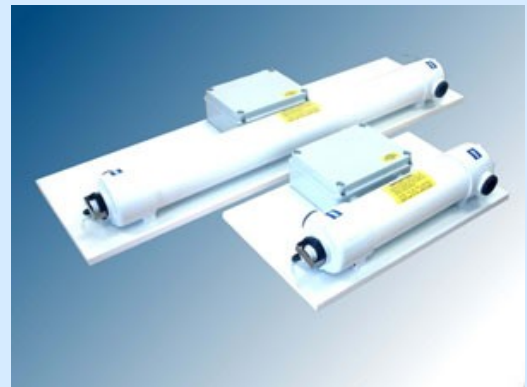
Jet 150 & 200 pumps can be converted to pressure sets enabling fully automatic control of pumps and giving “mains water pressure” at the taps.



A wide selection of float switches are available.



Ultra Violet water disinfection



Debris water filters with disposable elements from 5 to 50 microns.



**AMOS
PUMPS**
almost anything