



Water & Sewage
Pumping and
Treatment Engineers

The Pump People

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City JS & Jet Stainless Steel Pumps

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

General Characteristics

These pumps are extremely reliable and economical being fitted with a well proved internal ejector inside the pump body . They have been used for many years to provide drinking water for homes, farms, nurseries and many industrial uses from springs and wells. The sturdy and compact design lends itself for many uses including the fitting of pressure vessels for automatic water distribution.



JS Range

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

0.5hp motor: JS 05 & Jet 05

0.8hp motor: JS 08 & Jet 08

1.0hp motor: JS 10H, JS10L, Jet 10H & Jet10L

1.2hp motor: JS12H, JS12L, Jet12H & Jet12L

1.5hp motor: JS15H, JS15L, Jet15H & Jet15L

Pumps

Components common to both models:-
Ejector unit & impeller - Noryl GFN2V
Motor shaft - Stainless steel AISI 416
Mechanical seal - Ceramic and graphite

Pump casing of Jet
- Stainless steel
AISI 304
Pump casing of JS
- Cast iron

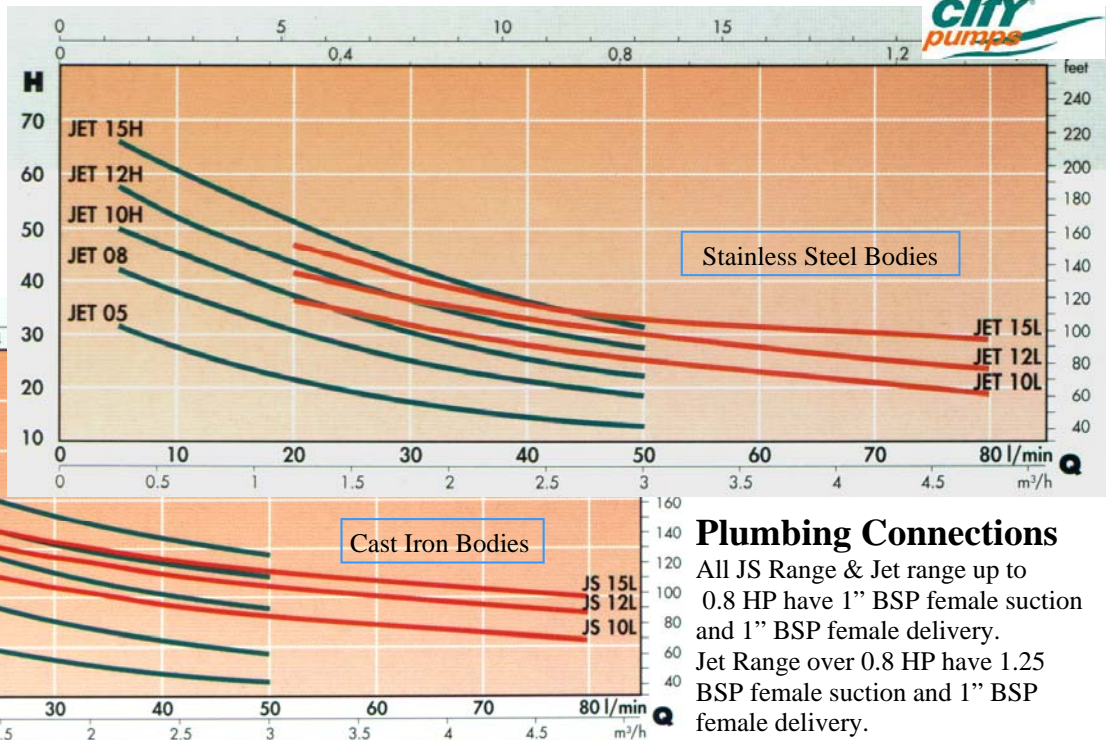


Jet Range

Installation

Indoors or weather protected covered area, frost protected.

Always mount the pump in the same plane as the pictures.



Plumbing Connections

All JS Range & Jet range up to 0.8 HP have 1" BSP female suction and 1" BSP female delivery. Jet Range over 0.8 HP have 1.25 BSP female suction and 1" BSP female delivery.

Manufacturers reserve the right to change specifications without prior notice

JS & Jet Nov 05

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



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City JS & Jet Pressure Sets



General Characteristic

These compact pressure sets will increase the pressure of potable or clean water for many uses such as domestic or agricultural water supply, irrigation, car washing or connecting to industrial process machines after a type 'A' air gap has been generated. It's simple to install with only three connections, (plumbing water too and from the unit and making the electrical connection). The versatility and quietness of these units lends themselves to 1001 uses, all being economical to run and inexpensive buy.



City JS150 mounted above a 100 litre
Horizontal pressure vessel.



City JS50 mounted above a 20 litre
horizontal

Technical Specification

These pumps are of the well proven Jet type with noryl impeller and diffuser inside the pump body, attached to a motor via a stainless steel drive shaft. A start capacitor is housed above the motor, cooling is by an external fan protected by a steel cover. Fitted onto the pump body are a pressure switch, preset to 20/40 lbs/sq./inch and a pressure gauge, these are connected with 2 metres of power cable. The pump is bolted above a horizontal surge tank having a removable butyl diaphragm. From the discharge of the pump is a three way tee and flexible hose, this transports water under pressure to the surge tank. Water connections too and from the pump are 1" B.S.P. female ports. The complete unit starts and stops automatically by sensing the pressure of water in the delivery pipe.

