



# GOLDEN

## Jet Pump



# GOLDEN Jet Pump



## Function:

This electric self-priming close coupled pump has the characteristics of a nozzle and venturi being housed in the pump body. The fluid generated by the impeller is passed in part of the outlet, the remaining fluid is recycled by means of the venturi system which is connected with the pump body. This allows the self-prime function.

At the first starting, it is enough to fill the pumps body with the liquid that circulating through the venturi, transfers the air from the suction of the delivery, ejecting through the delivery piping. Therefore, the generated

vacuum makes the liquid go up along the suction pipes, allowing the prime function. The presence of the venturi system enables this pump to be insensitive to the entering of air into the pump liquid.

## Application:

General water supply, pressurization of water by using pressure vessels, irrigation, farm houses and industrial applications. Also use for water transfer and garden watering applications.

Note: It is generally advisable to fit either a non-return valve or foot valve to the suction side.

## Pump Construction:

Pump body in cast iron, stainless steel impeller, diffuser in thermoplastic resin, mechanical seal in carbon & ceramic, rotor shaft in steel fitted with seal & world's finest pre-greased ball bearings, coupled with fan cooled single phase motor with a built in thermal overload protection, the capacitor is permanently in circuit.

## Pump Performance Data:

Max. Capacity: 45 l/min

Max. Head: 24 m

Liquid quality requirement is clean and free from solids or abrasive substances and non-aggressive

Maximum temperature of pumps liquid: -15°C to +60°C

Maximum ambient temperature: 40°C

Maximum working pressure: 2.3 bar

Manometric suction lift of 6 meters with a foot valve fitted, for a suction lift of above 5 meters. It is advisable to install the suction pipe with an internal diameter, larger than the pump inlet.

## GOLDEN Group of Companies

**GOLDEN PUMPS (PVT) LTD.**  
G. T. Road, Gujranwala, Pakistan  
Tel: +92 55 3842756, 3843756, 4275656  
Fax: +92 55 3253254  
E-mail: info@goldenpumps.com  
Website: www.goldenpumps.com

**ELECTROTEC INDUSTRIES**  
Climaxabad, G. T. Road, Gujranwala, Pakistan  
Tel: +92 55 3730789, 3857621, 3857622  
Fax: +92 55 3253254  
E-mail: info@goldenpumps.com  
Website: www.goldenpumps.com



**GOLDEN POLYTECH (PVT) LTD.**  
G. T. Road, Gujranwala, Pakistan  
Tel: +92 55 4275655, 4000993  
Fax: +92 55 4272455  
E-mail: upvc@goldenpumps.com  
Website: www.goldenpumps.com

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## Installation:

Upon installation, always prime the pump body first before start up. Pump must be installed with the motor shaft in the horizontal position.

## Performance chart:

MODEL	MOTOR (HP)	V	A	rpm	MAX. SUCTION (m)	MAX. HEAD (m)	MAX. DISCHARGE (l/min)
GJP - 0705	0.5	200 ~ 230	3	2900	6	24	45

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