

JJ RANGE



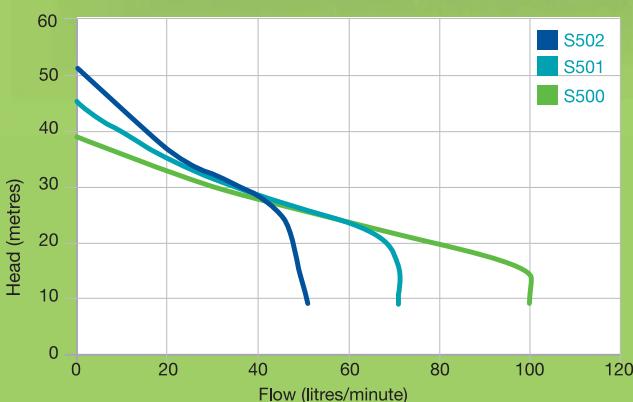
- The Farmmaster Junior Jet "JJ" range are compact and efficient pumps
- Constructed in cast iron with precision-moulded hydraulic components, they are built for many years of hard work

Applications:

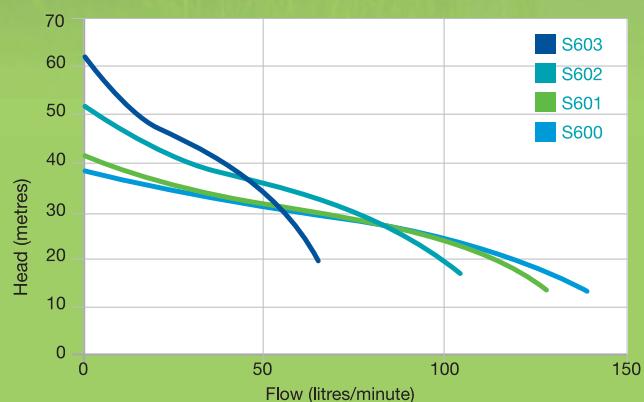
- Stock watering, irrigation and water transfer from dams, creeks, wells and bores

| MODEL | Watts (P2) | Voltage | Current (Amps) |
|-------|------------|---------|----------------|
| JJ400 | 750 | 230V | 4.6 |
| JJ600 | 1100 | 230V | 7.7 |
| JJ600 | 1100 | 415V | 2.92 |

JJ400 PERFORMANCE



JJ600 PERFORMANCE





| Model (Watts) | Injector Model | Pressure Switch Setting (kPa) | Suction Lift (M) | Discharge Head (Metres) | | | | | | Maximum Pump Pressure (kPa) |
|------------------|-------------------|--|------------------------|------------------------------|----|----|----|----|----|--------------------------------------|
| | | | | 15 | 21 | 27 | 34 | 40 | 46 | |
| | | | | Capacity (Litres per Minute) | | | | | | |
| JJ400 | S500* | 140-280 | 0 | 98 | 70 | 40 | | | | 380 |
| | | | 3 | 78 | 56 | 32 | | | | 350 |
| | | | 6 | 56 | 40 | 23 | | | | 320 |
| | | | 7.6 | 39 | 28 | 16 | | | | 305 |
| | S501# | 210-350 | 0 | 71 | 66 | 42 | 21 | | | 440 |
| | | | 3 | 57 | 53 | 34 | 17 | | | 410 |
| | | | 6 | 40 | 38 | 24 | 12 | | | 380 |
| | | | 7.6 | 28 | 26 | 17 | 8 | | | 365 |
| | S502* | 280-420 | 0 | 47 | 42 | 24 | 14 | | | 505 |
| | | | 3 | 38 | 34 | 19 | 11 | | | 475 |
| | | | 6 | 27 | 24 | 14 | 8 | | | 445 |
| | | | 7.6 | 19 | 17 | 10 | 6 | | | 430 |

Factory pressure switch setting (210-350 kPa).

* Pressure switch adjustment needed.

| Model (Watts) | Injector Model | Pressure Switch Setting (kPa) | Suction Lift (M) | Discharge Head (Metres) | | | | | | Maximum Pump Pressure (kPa) |
|------------------|-------------------|--|------------------------|-------------------------|-----|----|----|----|----|--------------------------------------|
| | | | | 15 | 21 | 27 | 34 | 40 | 46 | |
| JJ600 | S600* | 140-280 | 0 | 137 | 112 | 71 | 24 | | | 375 |
| | | | 3 | 109 | 89 | 57 | | | | 345 |
| | | | 6 | 78 | 64 | 40 | | | | 315 |
| | | | 7.6 | 55 | 45 | 28 | | | | 300 |
| | S601# | 210-350 | 0 | 125 | 112 | 74 | 33 | | | 410 |
| | | | 3 | 100 | 89 | 59 | 26 | | | 380 |
| | | | 6 | 71 | 64 | 42 | | | | 350 |
| | | | 7.6 | 50 | 45 | 29 | | | | 335 |
| | S602* | 280-420 | 0 | | 100 | 82 | 51 | 29 | | 505 |
| | | | 3 | | 80 | 66 | 41 | 23 | | 475 |
| | | | 6 | | 57 | 47 | 29 | 16 | | 445 |
| | | | 7.6 | | 40 | 33 | 20 | 12 | | 440 |
| | S603* | 350-560 | 0 | | | 62 | 48 | 34 | 22 | 615 |
| | | | 3 | | | 50 | 38 | 27 | 18 | 585 |
| | | | 6 | | | 35 | 27 | 19 | 12 | 555 |
| | | | 7.6 | | | 25 | 19 | 14 | 9 | 540 |

Pump suction 1 1/2" BSP Female.

Pump discharge port 3/4" BSP female (pump), 1" BSP Female (pressure kit). Model JJ600 may be purchased as single or three phase.



- The JJ pumps equipped with deep well injectors are ideal for supplying water from sources where the suction lift is greater than 7.6 metres
- Potential to draw water from any source down to 37 metres using deep well injectors
- If your source changes, they can easily be converted between shallow well and deep well applications – there is no need to buy another pump
- Non-corroding injector materials make it suitable for hard water areas
- Cast iron casing and other parts make it suitable for rugged conditions
- Heavy duty industrial totally enclosed, fan cooled motor provides long life
- Both single and three phase available in the JJ600 model

Applications:

- Tank filling, irrigation and sprinklers, stock water and household water supply

| Model | Pressure Switch Setting | Injector Size (Inch) | Injector Model | Max Pump Pressure (kPa) | Minimum Operating Pressure (kPa) | Bore Water Pumping Level or Suction Lift (Metres) | | | | | | | | | | | | | Suction Pipe | Pressure Pipe | |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------------------|---|----|----|----|----|----|----|----|----|----|----|----|----|--------------|---------------|--------|
| | | | | | | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 34 | 37 | 40 | 43 | 46 | 49 | |
| JJ400 | 140-280 | 3 1/4 | D411 | 400 | 95 | 60 | 45 | 35 | 25 | 18 | | | | | | | | | | 1 1/4" | 1" |
| | | 3 3/8 | D521 | 400 | 100 | 75 | 65 | 50 | 40 | | | | | | | | | | | 1 1/2" | 1 1/4" |
| | | | D511 | 385 | 100 | | | | | 25 | 20 | 18 | 13 | | | | | | | 1 1/2" | 1 1/4" |
| JJ600 | 140-280 | 3 1/4 | D417 | 410 | 140 | 78 | 58 | 43 | | | | | | | | | | | | 1 1/4" | 1" |
| | | | D413 | 430 | 140 | | | | 30 | 25 | 18 | | | | | | | | | 1 1/4" | 1" |
| | | 3 3/8 | D523 | 414 | 160 | 100 | 85 | 63 | 47 | | | | | | | | | | | 1 1/2" | 1 1/4" |
| | | | D513 | 400 | 165 | | | | 40 | 30 | 20 | 15 | | | | | | | | 1 1/2" | 1 1/4" |
| | | #4 3/8 | D620 | 500 | 124 | | | | 52 | 45 | 40 | 33 | 25 | 20 | 18 | 13 | | | | 2" | 1 1/2" |

Special injectors are available to fit down 4" PVC pipe.
Maximum pump pressure = @ minimum suction lift per injector