

SUBMITTAL DATA SHEET

Jet Pumps
Convertible | Shallow Well

1500 Series - Multi-Stage



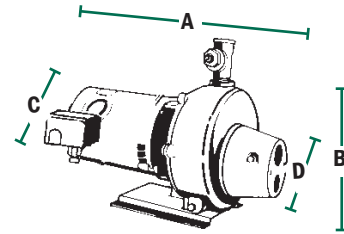
All 1500 Series Multi-Stage Pumps come with a 1 1/4" suction pipe and a 1" discharge. The sizes range from 3/4 to 1 1/2 horse power (HP).

Models Available

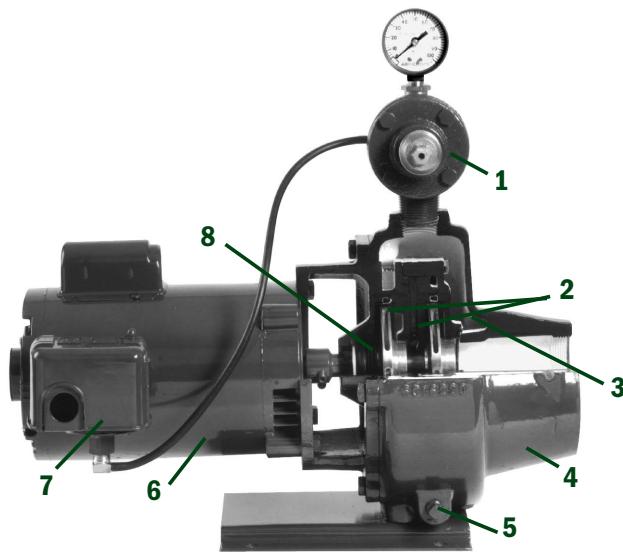
| Model No. | HP | Volt | Max. Amps | Impeller | A | B | C | D | WT |
|---------------|-------|----------------|-----------|----------|-------|-------|-----|------|----|
| 1575 | 3/4 | 230/115 | 7.4 | brass | 19.5" | 10.5" | 11" | 8.8" | 68 |
| 1575SW | 3/4 | 230/115 | 7.4 | brass | 19.5" | 10.5" | 11" | 8.8" | 62 |
| 1510 | 1 | 230/115 | 9.0 | brass | 19.5" | 10.5" | 11" | 8.8" | 68 |
| 1510SW | 1 | 230/115 | 9.0 | brass | 19.5" | 10.5" | 11" | 8.8" | 69 |
| 1515SW | 1 1/2 | 230/115 | 10.6 | brass | 20.5" | 10.5" | 11" | 8.8" | 69 |

Factory Voltage setting listed first in bold type.

Add a "P" to any 1500 Series pump for a plastic impeller e.g. 1575P



Overall Length "A"
Overall Height "B" (without Regulating Valve)
Overall Width "C" (with Pressure Switch)
Overall Width "D" (without Pressure Switch)



1 - Automatic Diaphragm Type Regulating Valve

Positive acting - non-chattering for easier pump priming. Assures maximum performance at varying water levels (For deep well only)

2 - Impeller

Available in either dynamically balanced bronze or engineered thermoplastic

3 - Cast Iron Diffusers

Precision machined for greatest efficiency

4 - Cast Iron Pump Body & Motor Adapter

5 - Drain Plug

6 - Nema Standard Motor

Heavy duty, capacitor start, dual voltage (230/115) with built-in overload protection. Choice of 3/4, 1, 1 1/2 HP & 50 Hz. or 60 Hz.

7 - Pressure Switch

Easily adjusted for higher or lower operating pressures

8 - Shaft Seal

Standard 3/4" ceramic carbon rotating mechanical seal

SUBMITTAL INFORMATION

- Nema C (Keyed Shaft) Motor
- Pressure switch factory setting 30-50 PSI
- Two pipe drop pipe 1" x 1 1/4" (with 108 adaptor)
- SW models are less regulating valve
- * Maximum Amp. Draw at factory voltage setting.

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



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Submitted by:

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1500 Series - Multi-Stage



All 1500 Series Multi-Stage Pumps come with a 1 1/4" suction pipe and a 1" discharge. The sizes range from 3/4 to 1 1/2 horse power (HP).

1500 Series | Shallow Well Performance

| Model No. | HP | Jet Ejector* | Suction Lift - Ft. | Capacities in GPM at Discharge Pressure (PSI) | | | | | | Max. Shut Off Pressure | |
|-------------------------|-------|--------------|--------------------|---|------|------|------|------|------|------------------------|-----|
| | | | | 20 | 30 | 40 | 50 | 60 | 70 | | 80 |
| 1575SW Without Jet | 3/4 | N/A | 10 | 34.3 | 28.7 | 22.1 | | | | | 53 |
| | | | 15 | 33.1 | 27.5 | 20.4 | | | | | 51 |
| | | | 25 | 29.9 | 24.5 | | | | | | 46 |
| 1510SW Without Jet | 1 | N/A | 10 | 41.6 | 37.6 | 31.6 | 24.1 | | | | 65 |
| | | | 15 | 40.0 | 36.5 | 30.1 | 22.1 | | | | 63 |
| | | | 25 | 29.5 | 28.5 | 26.5 | 16.5 | | | | 58 |
| 1515SW Without Jet | 1 1/2 | N/A | 10 | 42.3 | 40.5 | 36.5 | 32.0 | 24.5 | | | 76 |
| | | | 15 | 41.6 | 39.8 | 35.2 | 29.3 | 23.0 | | | 74 |
| | | | 25 | 33.3 | 32.5 | 31.0 | 26.5 | 18.8 | | | 69 |
| 1575 Requires Jet* | 3/4 | 659 JP | 10 | | 12.3 | 12.3 | 12.1 | 11.7 | 10.0 | 6.1 | 96 |
| | | | 15 | | 11.0 | 11.0 | 11.0 | 10.5 | 7.6 | 4.1 | 94 |
| | | | 25 | | 7.1 | 7.0 | 7.0 | 7.0 | 7.0 | 3.0 | 89 |
| 1510 Requires Jet* | 1 | 658 JP | 10 | | 15.0 | 14.8 | 14.7 | 14.1 | 13.4 | 9.1 | 102 |
| | | | 15 | | 13.0 | 12.9 | 12.9 | 12.8 | 12.4 | 8.2 | 100 |
| | | | 25 | | 7.6 | 7.5 | 7.5 | 7.5 | 7.4 | 6.3 | 96 |
| 1515SW Requires Jet* | 1 1/2 | 652 JP | 10 | 17.4 | 17.2 | 17.1 | 16.9 | 15.0 | 10.0 | 5.8 | 100 |
| | | | 15 | 15.0 | 15.0 | 14.7 | 14.5 | 13.6 | 9.7 | 5.0 | 98 |
| | | | 25 | 9.6 | 9.2 | 9.0 | 8.8 | 8.8 | 6.7 | 3.1 | 94 |

*Purchase jet ejector separately.

1500 Series | Deep Well Performance at 30 PSI - For 30-50 PSI Pressure Switch Setting

| Model No. | HP | Jet Ejector Package | | Depth to Water in Feet | | | | | | | | | | | | | | | |
|-----------|-----|---------------------|----------------|------------------------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | | 4" Two Pipe | 2" Single Pipe | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | | |
| 1575 | 3/4 | 125 MP | 126 MP | 14.5 | 13.1 | 11.2 | 9.3 | 7.2 | | | | | | | | | | | |
| | | | | | | | 9.3 | 8.0 | 6.6 | 5.4 | 4.2 | 3.2 | | | | | | | |
| | | | | | | | | | | | 5.7 | 5.0 | 4.2 | 3.5 | 2.7 | 2.0 | 1.3 | | |
| | | 109 MP | 110 MP | 111 MP | 16.1 | 14.6 | 12.5 | 10.3 | 8.0 | | | | | | | | | | |
| | | | | | | | | | | 10.3 | 8.9 | 7.4 | 6.0 | 4.7 | 3.5 | | | | |
| 1510 | 1 | 128 MP | 129 MP | 14.5 | 13.5 | 12.1 | 10.8 | 8.9 | 6.7 | | | | | | | | | | |
| | | | | | | | 9.7 | 8.3 | 7.4 | 6.5 | 5.6 | 4.9 | 4.0 | | | | | | |
| | | | | | | | | | | | | 5.8 | 4.9 | 4.2 | 3.5 | 2.9 | 2.2 | 1.5 | |
| | | 112 MP | 113 MP | 114 MP | 16.1 | 15.0 | 13.5 | 12.0 | 9.9 | 7.5 | | | | | | | | | |
| | | | | | | | | 10.8 | 9.2 | 8.2 | 7.2 | 6.3 | 5.5 | 4.5 | | | | | |
| | | | | | | | | | | 6.5 | 5.5 | 4.6 | 3.9 | 3.2 | 2.5 | 1.6 | | | |

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



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