

## 4" Submersible Well Pumps

# 12 GPM

## Thermoplastic and Stainless Steel

### Applications

- For both new installs and replacement applications where water must be transferred under pressure from wells, cisterns, ponds, lakes, and streams

### Features

- 1/2 hp to 1-1/2 hp single-phase motors
- Removable suction screen prevents debris from clogging impellers and provides full-flow performance
- Hex rubber bearing has multi-flow channels to keep small particles away from bearing surface
- Built-in Flomatic™ check valve assembly provides positive seal, preventing system drain-back
- Stainless steel bearing sleeve
- Acetal disk facilitates close tolerances for increased performance
- Stainless steel up-thrust washer prevents excessive wear in severe applications
- Two-year limited warranty

### Series Specifications

**Capacity:** 12 gpm (45 lpm)

**Discharge:** 1-1/4" FNPT (31.7 mm)

**Electrical:** 115 V, 230 V



### Model Characteristics

#### Thermoplastic Discharge

| Item # | Model         | HP    | Stages | Volts | Wire | Shut Off (ft) | Weight (lbs) | Quick Disconnect Control Box (QD) | Capacitor Run Control Box (CRC) | Standard Capacitor Start Capacitor Run Control Box |
|--------|---------------|-------|--------|-------|------|---------------|--------------|-----------------------------------|---------------------------------|--|
| 558564 | W12G05S7-21P  | 1/2   | 7      | 115   | 2    | 240 (73.1 m)  | 24           | —                                 | —                               | —  |
| 558536 | W12G05S7-31P  | 1/2   | 7      | 115   | 3    | 240 (73.1 m)  | 24           | 2801044915                        | —                               | —  |
| 558565 | W12G05S7-22P  | 1/2   | 7      | 230   | 2    | 240 (73.1 m)  | 24           | —                                 | —                               | —  |
| 558569 | W12G05S7-32P  | 1/2   | 7      | 230   | 3    | 240 (73.1 m)  | 24           | 558814                            | 558815                          | —  |
| 558566 | W12G07S9-22P  | 3/4   | 9      | 230   | 2    | 295 (89.9 m)  | 28           | —                                 | —                               | —  |
| 558570 | W12G07S9-32P  | 3/4   | 9      | 230   | 3    | 295 (89.9 m)  | 28           | 558823                            | 558824                          | —  |
| 558567 | W12G10S12-22P | 1     | 12     | 230   | 2    | 395 (120.3 m) | 31           | —                                 | —                               | —  |
| 558571 | W12G10S12-32P | 1     | 12     | 230   | 3    | 395 (120.3 m) | 32           | 558833                            | 558834                          | —  |
| 558568 | W12G15S17-22P | 1-1/2 | 17     | 230   | 2    | 560 (170.6 m) | 38           | —                                 | —                               | —  |
| 558572 | W12G15S17-32P | 1-1/2 | 17     | 230   | 3    | 560 (170.6 m) | 39           | —                                 | —                               | 558842   |

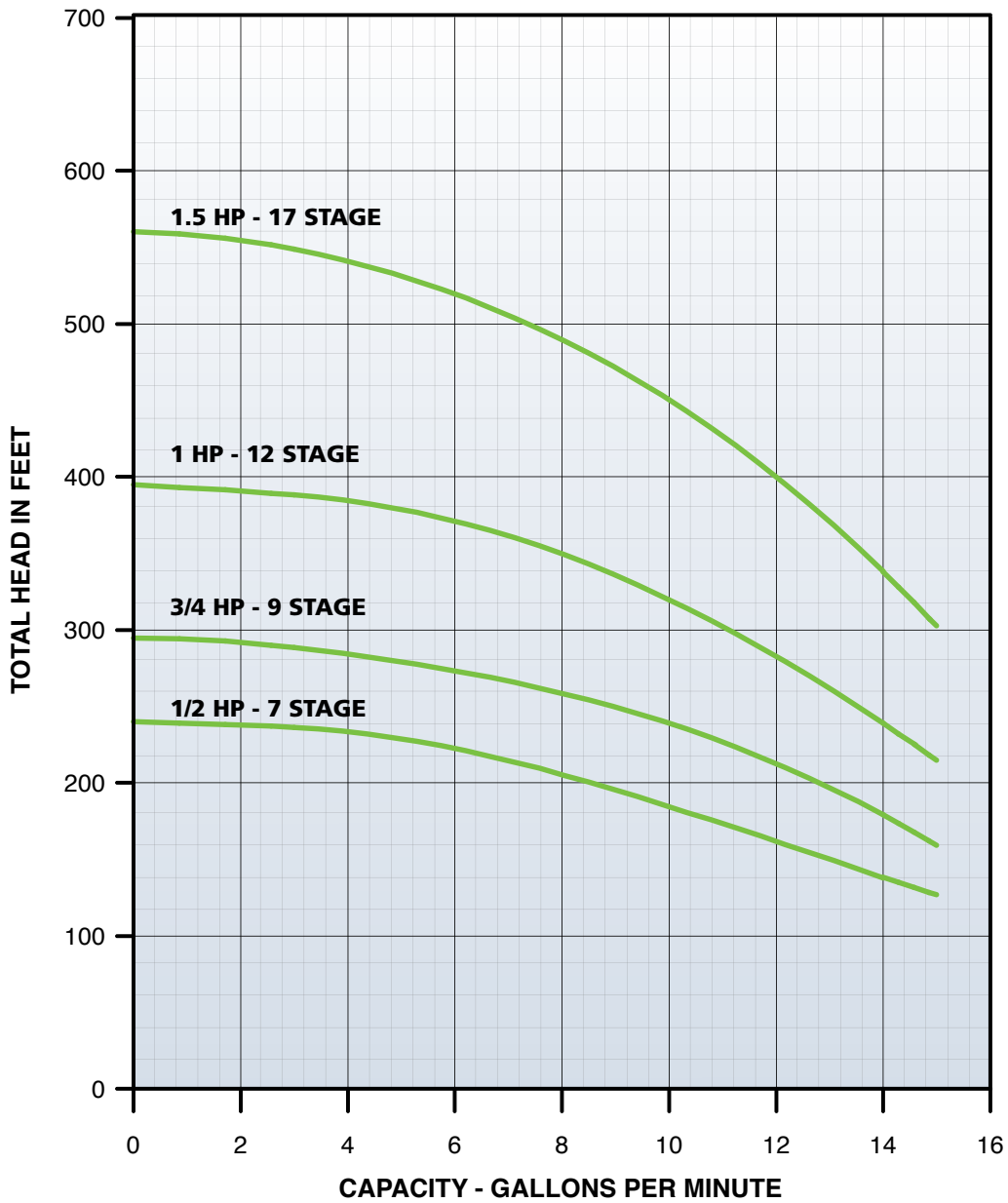
#### Stainless Steel Discharge

| Item # | Model         | HP    | Stages | Volts | Wire | Shut Off (ft) | Weight (lbs) | Quick Disconnect Control Box (QD) | Capacitor Run Control Box (CRC) | Standard Capacitor Start Capacitor Run Control Box |
|--------|---------------|-------|--------|-------|------|---------------|--------------|-----------------------------------|---------------------------------|--|
| 558588 | W12G05S7-21S  | 1/2   | 7      | 115   | 2    | 240 (73.1 m)  | 24           | —                                 | —                               | —  |
| 558600 | W12G05S7-31S  | 1/2   | 7      | 115   | 3    | 240 (73.1 m)  | 24           | 2801044915                        | —                               | —  |
| 558589 | W12G05S7-22S  | 1/2   | 7      | 230   | 2    | 240 (73.1 m)  | 24           | —                                 | —                               | —  |
| 558593 | W12G05S7-32S  | 1/2   | 7      | 230   | 3    | 240 (73.1 m)  | 24           | 558814                            | 558815                          | —  |
| 558590 | W12G07S9-22S  | 3/4   | 9      | 230   | 2    | 295 (89.9 m)  | 28           | —                                 | —                               | —  |
| 558594 | W12G07S9-32S  | 3/4   | 9      | 230   | 3    | 295 (89.9 m)  | 28           | 558823                            | 558824                          | —  |
| 558591 | W12G10S12-22S | 1     | 12     | 230   | 2    | 395 (120.3 m) | 31           | —                                 | —                               | —  |
| 558595 | W12G10S12-32S | 1     | 12     | 230   | 3    | 395 (120.3 m) | 32           | 558833                            | 558834                          | —  |
| 558592 | W12G15S17-22S | 1-1/2 | 17     | 230   | 2    | 560 (170.6 m) | 38           | —                                 | —                               | —  |
| 558596 | W12G15S17-32S | 1-1/2 | 17     | 230   | 3    | 560 (170.6 m) | 39           | —                                 | —                               | 558842   |

# 12 GPM

Thermoplastic and Stainless Steel

Performance Curve



## 4" Submersible Well Pumps

# 12 GPM

## Thermoplastic and Stainless Steel

Capacities in U.S. Gallons per Minute – 12 GPM

| Model        | HP  | Stg. | PSI | Depth to Pumping Water Level in Feet |      |      |      |      |      |     |     |      |      |      |     |     |     |     |     |     |     | Max. Press. |     |     |     |      |  |  |  |  |  |
|--------------|-----|------|-----|--------------------------------------|------|------|------|------|------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-------------|-----|-----|-----|------|--|--|--|--|--|
|              |     |      |     | 20                                   | 40   | 60   | 80   | 100  | 120  | 140 | 160 | 180  | 200  | 250  | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650         | 700 | 750 | PSI | Feet |  |  |  |  |  |
| W12G05S7     | 1/2 | 7    | 0   |                                      |      |      |      |      |      |     |     | 14.0 | 12.1 | 10.2 | 8.6 |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |  |
|              |     |      | 20  |                                      |      |      |      | 13.4 | 11.5 | 9.7 | 8.1 | 5.5  |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |  |
|              |     |      | 30  |                                      |      |      | 13.2 | 11.2 | 9.4  | 7.8 | 4.8 |      |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |  |
|              |     |      | 40  |                                      |      | 12.9 | 10.9 | 9.2  | 7.5  | 3.9 |     |      |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |  |
|              |     |      | 50  |                                      | 12.6 | 10.6 | 9.0  | 7.2  | 3.0  |     |     |      |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |  |
|              |     |      | 60  | 12.2                                 | 10.3 | 8.7  | 6.8  |      |      |     |     |      |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |  |
|              |     |      | 80  | 8.2                                  | 5.8  |      |      |      |      |     |     |      |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |  |
| Shut Off PSI |     |      |     | 95                                   | 87   | 78   | 69   | 61   | 52   | 43  | 35  | 26   | 17   |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |  |

| Model        | HP  | Stg. | PSI | Depth to Pumping Water Level in Feet |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     | Max. Press. |     |     |     |      |  |  |  |  |
|--------------|-----|------|-----|--------------------------------------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-------------|-----|-----|-----|------|--|--|--|--|
|              |     |      |     | 20                                   | 40   | 60   | 80   | 100  | 120  | 140  | 160  | 180  | 200  | 250  | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650         | 700 | 750 | PSI | Feet |  |  |  |  |
| W12G07S9     | 3/4 | 9    | 0   |                                      |      |      |      |      |      |      |      |      | 13.9 | 12.8 | 8.9 |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |
|              |     |      | 20  |                                      |      |      |      |      |      | 13.6 | 12.4 | 11.1 | 9.3  |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |
|              |     |      | 30  |                                      |      |      |      |      | 13.4 | 12.2 | 10.8 | 9.0  | 6.4  |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |
|              |     |      | 40  |                                      |      |      |      | 13.2 | 12.0 | 10.6 | 8.6  | 6.0  |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |
|              |     |      | 50  |                                      |      |      | 13.1 | 11.8 | 10.3 | 8.3  | 5.5  |      |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |
|              |     |      | 60  |                                      | 14.0 | 12.9 | 11.6 | 10.0 | 7.9  | 4.9  |      |      |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |
|              |     |      | 80  | 12.5                                 | 11.2 | 9.4  | 7.1  | 3.8  |      |      |      |      |      |      |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |
| Shut Off PSI |     |      |     | 119                                  | 110  | 102  | 93   | 84   | 76   | 67   | 58   | 50   | 41   | 19   |     |     |     |     |     |     |     |             |     |     |     |      |  |  |  |  |

| Model        | HP | Stg. | PSI | Depth to Pumping Water Level in Feet |     |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     | Max. Press. |     |     |     |      |  |  |  |
|--------------|----|------|-----|--------------------------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-------------|-----|-----|-----|------|--|--|--|
|              |    |      |     | 20                                   | 40  | 60   | 80   | 100  | 120  | 140  | 160  | 180  | 200  | 250  | 300  | 350  | 400  | 450 | 500 | 550 | 600 | 650         | 700 | 750 | PSI | Feet |  |  |  |
| W12G10S12    | 1  | 12   | 0   |                                      |     |      |      |      |      |      |      |      |      |      | 13.6 | 10.9 | 8.2  |     |     |     |     |             |     |     |     |      |  |  |  |
|              |    |      | 20  |                                      |     |      |      |      |      |      |      |      |      |      | 13.8 | 11.1 | 8.4  |     |     |     |     |             |     |     |     |      |  |  |  |
|              |    |      | 30  |                                      |     |      |      |      |      |      |      |      |      |      | 13.7 | 12.6 | 10.0 | 6.2 |     |     |     |             |     |     |     |      |  |  |  |
|              |    |      | 40  |                                      |     |      |      |      |      |      |      |      |      |      | 13.5 | 12.4 | 11.3 | 8.7 |     |     |     |             |     |     |     |      |  |  |  |
|              |    |      | 50  |                                      |     |      |      |      |      |      | 13.3 | 12.2 | 11.2 | 10.2 | 6.7  |      |      |     |     |     |     |             |     |     |     |      |  |  |  |
|              |    |      | 60  |                                      |     |      |      |      | 13.2 | 12.1 | 11.0 | 10.0 | 8.9  |      |      |      |      |     |     |     |     |             |     |     |     |      |  |  |  |
|              |    |      | 80  |                                      |     | 13.9 | 12.8 | 11.7 | 10.7 | 9.7  | 8.5  | 6.8  | 3.6  |      |      |      |      |     |     |     |     |             |     |     |     |      |  |  |  |
| Shut Off PSI |    |      |     | 162                                  | 154 | 145  | 136  | 128  | 119  | 110  | 102  | 93   | 84   | 63   | 41   | 19   |      |     |     |     |     |             |     |     |     |      |  |  |  |

| Model        | HP    | Stg. | PSI | Depth to Pumping Water Level in Feet |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |     | Max. Press. |     |     |     |      |  |  |
|--------------|-------|------|-----|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|-----|-------------|-----|-----|-----|------|--|--|
|              |       |      |     | 20                                   | 40  | 60  | 80  | 100 | 120 | 140 | 160 | 180 | 200 | 250 | 300 | 350  | 400  | 450  | 500  | 550  | 600 | 650         | 700 | 750 | PSI | Feet |  |  |
| W12G15S17    | 1-1/2 | 17   | 0   |                                      |     |     |     |     |     |     |     |     |     |     |     | 13.7 | 11.9 | 10.0 | 7.4  |      |     |             |     |     |     |      |  |  |
|              |       |      | 20  |                                      |     |     |     |     |     |     |     |     |     |     |     |      | 13.8 | 12.1 | 10.1 | 7.7  | 3.2 |             |     |     |     |      |  |  |
|              |       |      | 30  |                                      |     |     |     |     |     |     |     |     |     |     |     |      |      | 13.1 | 11.2 | 9.1  | 6.0 |             |     |     |     |      |  |  |
|              |       |      | 40  |                                      |     |     |     |     |     |     |     |     |     |     |     |      |      | 13.9 | 12.2 | 10.3 | 7.9 | 3.7         |     |     |     |      |  |  |
|              |       |      | 50  |                                      |     |     |     |     |     |     |     |     |     |     |     |      |      |      | 13.2 | 11.4 | 9.3 | 6.3         |     |     |     |      |  |  |
|              |       |      | 60  |                                      |     |     |     |     |     |     |     |     |     |     |     |      |      |      | 12.4 | 10.5 | 8.1 | 4.1         |     |     |     |      |  |  |
|              |       |      | 80  |                                      |     |     |     |     |     |     |     |     |     |     |     | 13.9 | 13.2 | 12.5 | 10.6 | 8.3  | 4.6 |             |     |     |     |      |  |  |
| Shut Off PSI |       |      |     | 234                                  | 225 | 217 | 208 | 199 | 191 | 182 | 173 | 165 | 156 | 134 | 113 | 91   | 69   | 48   | 26   |      |     |             |     |     |     |      |  |  |