

Pump Comparison Chart



Use the information on this page to simplify selecting a pump for a given application.

As described on page 88, selecting a pump involves a couple steps:

- 1) determine the flow needed: multiply width (in feet) x 36 gpm = flow needed in gpm
- 2) determine the head pressure in feet (total dynamic head, see page 100)

To find a pump go to the white box on the right side of this page. Find the foot of head column that is closest to your application (always round up to next column). Now scroll down that column looking for a pump that provides the gpm you determined you needed in step 1. If multiple pumps fit your application you can compare cost to operate, outlet size, etc. to finalize your selection.

Submersible Pumps

| Part# | Pg # | Hp | Amps @ Volts | Cost for 24 hrs** | Outlet Size | Cord Length | Dimension | | Flow Rates (gpm) @ feet of head | | | | | | Max. Head |
|----------|------|-------|--------------|-------------------|-------------|-------------|-----------|--------|---------------------------------|-----|-----|-----|-----|-----|-----------|
| | | | | | | | Diameter | Height | 5' | 10' | 15' | 20' | 25' | 30' | |
| TLS1850* | 92 | 1/4 | 2.4 115 | 60¢ | 1.5" | 20' | 6" | 10.5" | 20 | 12 | 6 | 1 | - | - | 21' |
| TLS2750* | 92 | 1/3 | 3.4 115 | 84¢ | 1.5" | 20' | 6" | 10.5" | 36 | 28 | 20 | 13 | 6 | - | 29' |
| TLS4250* | 92 | 1/2 | 7.6 115 | \$1.77 | 1.5" | 20' | 6" | 12" | 65 | 58 | 50 | 41 | 30 | 16 | 33' |
| EP3200N* | 91 | - | 2.2 115 | 56¢ | 1" | 26' | 12" | 7" | 41 | 23 | 8 | - | - | - | 16' |
| EP4700N* | 91 | N/R | 4.5 115 | \$1.08 | 2" | 30' | 13" | 8" | 64 | 47 | 33 | 20 | 4 | - | 28' |
| EP6700N* | 91 | N/R | 4.5 115 | \$1.14 | 2" | 30' | 13" | 8" | 72 | 57 | 40 | 21 | 6 | - | 28' |
| EP9700* | 91 | N/R | 6.1 115 | \$1.62 | 2" | 30' | 13" | 8" | 115 | 96 | 81 | 63 | 45 | 30 | 35' |
| MHP32 | 95 | 1/5 | 2.8 115 | 70¢ | 2" | 20' | 14" | 7" | 48 | 34 | 14 | - | - | - | 19' |
| MHP39 | 95 | 1/3 | 3.2 115 | 79¢ | 2" | 20' | 14" | 7" | 60 | 46 | 24 | 2 | - | - | 23' |
| MHP47 | 95 | 1/2 | 5.3 115 | \$1.32 | 2" | 20' | 15" | 7" | 71 | 59 | 45 | 30 | 11 | - | 30' |
| MHP56 | 95 | 1 | 7.3 115 | \$1.81 | 2" | 20' | 16" | 7" | 91 | 90 | 84 | 68 | 51 | 29 | 37' |
| TH150* | 93 | 1/4 | 2.6-3.1 115 | 72¢ | 2" | 20' | 10" | 15" | 46 | 35 | 23 | 10 | - | - | 23' |
| TH250* | 93 | 1/3 | 3.0-4.2 115 | 99¢ | 2" | 20' | 10" | 15" | 65 | 54 | 43 | 30 | 15 | - | 30' |
| TH400* | 93 | 1/2 | 3.7-6.0 115 | \$1.39 | 2" | 20' | 10" | 17.5" | 83 | 73 | 60 | 46 | 34 | 20 | 36' |
| TH750* | 93 | 1 | 6.0-9.9 115 | \$2.36 | 2" | 20' | 10" | 17.5" | 98 | 91 | 83 | 73 | 62 | 49 | 43' |
| TM9500* | 94 | 1 | 10.9 115 | \$2.70 | 3" | 30' | 12" | 19.5" | 142 | 127 | 108 | 81 | 50 | 16 | 31' |
| TM13500* | 94 | 1.5 | 12 115 | \$2.98 | 3" | 30' | 12" | 21" | 191 | 166 | 141 | 106 | 76 | 43 | 34' |
| TM17500* | 94 | 2 | 10 230 | \$4.96 | 3" | 30' | 12" | 21" | 275 | 250 | 215 | 183 | 147 | 108 | 40' |
| TB8000* | 94 | 1 | 11 115 | \$2.73 | 3" | 20' | 11" | 18" | 116 | 101 | 90 | 73 | 58 | 41 | 40' |
| TB12000* | 94 | 2 | 9.7 230 | \$4.81 | 3" | 20' | 12" | 21" | - | - | 165 | 150 | 136 | 123 | 60' |
| TB14500* | 94 | 3 | 14.5 230 | \$7.20 | 3" | 20' | 12" | 22.5" | - | - | 211 | 203 | 191 | 178 | 72' |
| ETP05N* | 92 | 1/2 | 5.6 115 | \$1.27 | 2" | 20' | 10" | 13" | 57 | 53 | 46 | 39 | 32 | 23 | 38' |
| ETP10N* | 92 | 1 | 12 115 | \$2.98 | 2" | 20' | 10" | 15" | 95 | 87 | 78 | 72 | 63 | 57 | 57' |
| WQ75 | 95 | 3/4 | 11 115 | \$2.73 | 3" | 33' | 15" | 21" | 178 | 152 | 120 | 60 | - | - | 23' |
| WQ100 | 95 | 1 | 13 115 | \$3.23 | 3" | 33' | 15" | 21" | 195 | 176 | 150 | 66 | 17 | - | 26' |
| WQ150 | 95 | 1-1/2 | 16 115 | \$3.97 | 3" | 33' | 15" | 21" | 285 | 245 | 180 | 132 | 65 | 40 | 32' |

External Low Head Pumps

Flow Rates (gpm) @ feet of head

| Part# | Pg # | Amps | Volts | Cost - 24 hrs** | Outlet Size | Cord Length | 5' | 10' | 15' | 20' | 25' | 30' | Max. Head |
|----------|------|------|-------|-----------------|-------------|-------------|-----|-----|-----|-----|-----|-----|-----------|
| EX3600* | 102 | 1.4 | 115 | \$0.34 | 1.5" | 8' | 52 | 34 | - | - | - | - | 12' |
| EX4500* | 102 | 2.7 | 115 | \$0.67 | 1.5" | 8' | 67 | 56 | 41 | 15 | - | - | 21' |
| EX6100* | 102 | 3.1 | 115 | \$0.77 | 1.5" | 8' | 92 | 79 | 65 | 40 | - | - | 23' |
| EX8800* | 102 | 4.4 | 115 | \$0.99 | 2" | 8' | 120 | 103 | 84 | 48 | - | - | 22' |
| EXP3700* | 103 | 2.8 | 115 | \$0.69 | 2" | 8' | 54 | 38 | 25 | 8 | - | - | 21' |
| EXP4900* | 103 | 3.4 | 115 | \$0.84 | 2" | 8' | 73 | 60 | 46 | 23 | - | - | 21' |
| EXP6800* | 103 | 3.9 | 115 | \$0.97 | 2" | 8' | 96 | 80 | 52 | - | - | - | 19' |
| EXP7800* | 103 | 5.0 | 115 | \$1.24 | 2" | 8' | 118 | 101 | 81 | 53 | - | - | 24' |
| SHV50 | 104 | 9.0 | 115 | \$2.23 | 4" | 6' | 265 | 210 | 140 | 60 | - | - | 23' |

External High Head Pumps

Flow Rates (gpm) @ feet of head

| Part# | Pg # | Amps | Volts | Cost - 24 hrs** | Outlet Size | Cord Length | 10' | 20' | 30' | 40' | 50' | 60' | 70' | Max. Head |
|------------|------|------|-------|-----------------|-------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----------|
| EX8500* | 102 | 5.4 | 230 | \$2.68 | 1.5" | 8' | - | 116 | 100 | 80 | 51 | - | - | 55' |
| EX11000* | 102 | 8.6 | 230 | \$4.27 | 1.5" | 8' | - | - | 143 | 125 | 106 | 80 | 33 | 72' |
| EXP6300HP* | 103 | 8.7 | 230 | \$4.32 | 2" | 8' | - | 89 | 80 | 70 | 61 | 46 | 26 | 77' |
| EXP9300HP* | 103 | 11.4 | 230 | \$5.66 | 2" | 8' | - | - | 121 | 114 | 100 | 86 | 66 | 83' |
| EX11200* | 102 | 9.6 | 230 | \$4.77 | 2" | 8' | - | - | - | 138 | 122 | 102 | 75 | 80' |
| EX13200* | 102 | 11.5 | 230 | \$5.71 | 2" | 8' | - | - | - | 175 | 150 | 141 | 117 | 80' |
| GV50S* | 101 | 6.5 | 115 | \$1.61 | 1.5" | 6' | 55 | 46 | 35 | 21 | 9 | - | - | 55' |
| GV75S* | 101 | 8.8 | 115 | \$2.19 | 1.5" | 6' | 71 | 65 | 56 | 42 | 21 | 2 | - | 60' |
| GV100S* | 101 | 10 | 115 | \$2.48 | 1.5" | 6' | 89 | 85 | 77 | 66 | 52 | 30 | - | 68' |
| GV100* | 101 | 12 | 115 | \$2.98 | 1.5" | 6' | 123 | 110 | 91 | 70 | 15 | - | - | 51' |
| GV150* | 101 | 16 | 115 | \$3.97 | 1.5" | 6' | 143 | 135 | 122 | 107 | 81 | 32 | - | 62' |