

PRODUCT FEATURES



- Available in both Radial Flow and Mixed Flow impeller designs, ensuring optimal performance across applications.
- Lightweight construction for easy handling and hassle-free installation.
- Advanced hydraulic design delivers enhanced efficiency with reduced power consumption.
- Smooth and noise-free operation for a comfortable user experience.
- Modular construction with easily interchangeable parts for convenient maintenance.
- Impellers and diffusers made from high-quality engineering polymer, reinforced with 20% glass fiber for superior strength and durability.
- Stainless steel pump casing provides excellent corrosion resistance and long service life.
- Equipped with an inbuilt NRV (Non-Return Valve) to minimize friction and improve performance.
- Easily rewindable motor, ensuring cost-effective servicing.
- Fitted with high-quality, water-resistant polymer insulated wires for enhanced durability and extended lifespan.



TECHNICAL DATA



- Power (H.P.) : 0.5 HP 10.0 HP
- Stage : 4 - 50
- Discharge Range (LPM) : 15 LPM 520 LPM
- Head Range (Metres) : 6- 300 Mtrs

APPLICATIONS



- Industries
- Domestic
- Gardening
- Agriculture
- Dairies
- Fountains
- Fire Fighting Systems
- Cooling water circulating System

"TECHNO" BRAND SUBMERSIBLE PUMPSETS - SUITABLE FOR 100 MM BOREWELL & ABOVE

Approximate Performance Chart at 2880 RPM, 220-240 Volts Single Phase / 380-415 Volts Three Phase, 50Hz, A.C. Supply

MOTOR : COPPER ROTOR · PUMP : BOWL & IMPELLER - NORYL (20% GLASS-FILLED VIRGIN WITH SS JACKET)

| TYPE : T4WF-01 | | | OUTLET SIZE 32 mm | DISCHARGE IN LPM | | | | | | |
|----------------|-------|-----|-------------------|------------------|-----|-----|-----|-----|-----|----|
| HP | STAGE | ISI | | 0 | 18 | 22 | 26 | 32 | 36 | 46 |
| 0.50 | 8 | ISI | HEAD IN METER | 44 | 40 | 38 | 36 | 32 | 28 | 22 |
| 0.50 | 9 | | | 50 | 45 | 43 | 41 | 36 | 32 | 25 |
| 0.50 | 10 | | | 55 | 50 | 48 | 45 | 40 | 35 | 28 |
| 0.75 | 10 | | | 55 | 50 | 48 | 45 | 40 | 35 | 28 |
| 0.75 | 12 | ISI | | 66 | 60 | 57 | 54 | 48 | 42 | 33 |
| 0.75 | 14 | ISI | | 77 | 70 | 67 | 63 | 56 | 49 | 39 |
| 1.00 | 14 | ISI | | 77 | 70 | 67 | 63 | 56 | 49 | 39 |
| 1.00 | 16 | ISI | | 88 | 80 | 76 | 72 | 64 | 56 | 44 |
| 1.50 | 21 | ISI | | 116 | 105 | 100 | 95 | 84 | 74 | 58 |
| 1.50 | 24 | | | 132 | 120 | 114 | 108 | 96 | 84 | 66 |
| 1.50 | 25 | ISI | | 138 | 125 | 119 | 113 | 100 | 88 | 69 |
| 2.00 | 25 | | | 138 | 125 | 119 | 113 | 100 | 88 | 69 |
| 2.00 | 27 | | | 149 | 135 | 128 | 122 | 108 | 95 | 74 |
| 2.00 | 28 | | | 154 | 140 | 133 | 126 | 112 | 98 | 77 |
| 2.00 | 30 | | | 165 | 150 | 143 | 135 | 120 | 105 | 83 |
| 2.00 | 32 | | | 176 | 160 | 152 | 144 | 128 | 112 | 88 |
| 3.00 | 35 | | 193 | 175 | 166 | 158 | 140 | 123 | 96 | |
| 3.00 | 37 | | 193 | 175 | 166 | 158 | 140 | 123 | 96 | |

| TYPE : T4WF-02 | | | OUTLET SIZE 32 mm | DISCHARGE IN LPM | | | | | | |
|----------------|-------|-----|-------------------|------------------|-----|-----|-----|-----|-----|----|
| HP | STAGE | ISI | | 0 | 28 | 36 | 42 | 55 | 60 | 70 |
| 0.50 | 6 | ISI | HEAD IN METER | 34 | 30 | 27 | 24 | 23 | 20 | 7 |
| 0.75 | 8 | ISI | | 46 | 40 | 36 | 32 | 30 | 26 | 9 |
| 0.75 | 9 | ISI | | 51 | 45 | 41 | 36 | 34 | 29 | 10 |
| 0.75 | 10 | | | 57 | 50 | 45 | 40 | 38 | 33 | 11 |
| 1.00 | 12 | ISI | | 68 | 60 | 54 | 48 | 45 | 39 | 13 |
| 1.50 | 18 | ISI | | 103 | 90 | 81 | 72 | 68 | 59 | 20 |
| 2.00 | 24 | ISI | | 137 | 120 | 108 | 96 | 90 | 78 | 26 |
| 3.00 | 30 | | | 171 | 150 | 135 | 120 | 113 | 98 | 33 |
| 5.00 | 40 | | | 228 | 200 | 180 | 160 | 150 | 130 | 44 |

| TYPE : T4WF-05 | | | OUTLET SIZE 38 mm | DISCHARGE IN LPM | | | | | | |
|----------------|-------|-----|-------------------|------------------|-----|-----|-----|-----|-----|-----|
| HP | STAGE | ISI | | 0 | 60 | 75 | 90 | 120 | 132 | 145 |
| 1.00 | 7 | ISI | HEAD IN METER | 43 | 35 | 32 | 28 | 21 | 18 | 14 |
| 1.00 | 8 | | | 49 | 40 | 36 | 32 | 24 | 20 | 16 |
| 1.50 | 10 | ISI | | 62 | 50 | 45 | 40 | 30 | 25 | 20 |
| 1.50 | 12 | ISI | | 74 | 60 | 54 | 48 | 36 | 30 | 24 |
| 2.00 | 12 | ISI | | 74 | 60 | 54 | 48 | 36 | 30 | 24 |
| 2.00 | 15 | ISI | | 92 | 75 | 68 | 60 | 45 | 38 | 30 |
| 3.00 | 18 | ISI | | 111 | 90 | 81 | 72 | 54 | 45 | 36 |
| 3.00 | 20 | | | 123 | 100 | 90 | 80 | 60 | 50 | 40 |
| 4.00 | 25 | ISI | | 154 | 125 | 113 | 100 | 75 | 63 | 50 |
| 5.00 | 28 | | | 172 | 140 | 126 | 112 | 84 | 70 | 56 |
| 5.00 | 30 | | 185 | 150 | 135 | 120 | 90 | 75 | 60 | |

| TYPE : T4WF-04 | | | OUTLET SIZE 32 mm | DISCHARGE IN LPM | | | | | | |
|----------------|-------|-----|-------------------|------------------|-----|-----|-----|-----|-----|-----|
| HP | STAGE | ISI | | 0 | 45 | 49 | 54 | 70 | 80 | 96 |
| 0.50 | 5 | ISI | HEAD IN METER | 31 | 25 | 24 | 23 | 20 | 18 | 15 |
| 0.75 | 7 | ISI | | 43 | 35 | 33 | 32 | 28 | 25 | 21 |
| 1.00 | 8 | ISI | | 50 | 40 | 38 | 36 | 32 | 29 | 24 |
| 1.00 | 10 | ISI | | 62 | 50 | 48 | 45 | 40 | 36 | 30 |
| 1.50 | 12 | ISI | | 74 | 60 | 57 | 54 | 48 | 43 | 36 |
| 1.50 | 15 | ISI | | 93 | 75 | 71 | 68 | 60 | 54 | 45 |
| 1.50 | 20 | ISI | | 124 | 100 | 95 | 90 | 80 | 72 | 60 |
| 2.00 | 16 | ISI | | 99 | 80 | 76 | 72 | 64 | 58 | 48 |
| 2.00 | 18 | ISI | | 112 | 90 | 86 | 81 | 72 | 65 | 54 |
| 2.00 | 19 | | | 118 | 95 | 90 | 86 | 76 | 68 | 57 |
| 2.00 | 20 | ISI | | 124 | 100 | 95 | 90 | 80 | 72 | 60 |
| 3.00 | 22 | ISI | | 136 | 110 | 105 | 99 | 88 | 79 | 66 |
| 3.00 | 25 | ISI | | 155 | 125 | 119 | 113 | 100 | 90 | 75 |
| 4.00 | 30 | | | 186 | 150 | 143 | 135 | 120 | 108 | 90 |
| 5.00 | 35 | | | 217 | 175 | 166 | 158 | 140 | 126 | 105 |

| TYPE : T4WF-07 | | | OUTLET SIZE 38 mm | DISCHARGE IN LPM | | | | | | |
|----------------|-------|-----|-------------------|------------------|-----|-----|-----|-----|-----|-----|
| HP | STAGE | ISI | | 0 | 65 | 80 | 105 | 120 | 142 | 155 |
| 1.00 | 5 | ISI | HEAD IN METER | 33 | 29 | 28 | 25 | 23 | 18 | 15 |
| 1.50 | 7 | ISI | | 46 | 41 | 39 | 35 | 32 | 25 | 21 |
| 1.50 | 8 | ISI | | 52 | 46 | 44 | 40 | 36 | 28 | 24 |
| 2.00 | 7 | | | 46 | 41 | 39 | 35 | 32 | 25 | 21 |
| 2.00 | 8 | ISI | | 52 | 46 | 44 | 40 | 36 | 28 | 24 |
| 2.00 | 10 | ISI | | 65 | 58 | 55 | 50 | 45 | 35 | 30 |
| 3.00 | 12 | ISI | | 78 | 70 | 66 | 60 | 54 | 42 | 36 |
| 3.00 | 15 | ISI | | 98 | 87 | 83 | 75 | 68 | 53 | 45 |
| 4.00 | 20 | | | 130 | 116 | 110 | 100 | 90 | 70 | 60 |
| 5.00 | 19 | ISI | | 124 | 110 | 105 | 95 | 86 | 67 | 57 |
| 5.00 | 22 | | | 143 | 128 | 121 | 110 | 99 | 77 | 66 |
| 5.00 | 25 | | | 163 | 145 | 138 | 125 | 113 | 88 | 75 |
| 6.00 | 31 | | | 202 | 180 | 171 | 155 | 140 | 109 | 93 |

"TECHNO" BRAND SUBMERSIBLE PUMPSETS - SUITABLE FOR 100 MM BOREWELL & ABOVE

Approximate Performance Chart at 2880 RPM, 220-240 Volts Single Phase / 380-415 Volts Three Phase, 50Hz, A.C. Supply

MOTOR : COPPER ROTOR • PUMP : BOWL & IMPELLER - NORYL (20% GLASS-FILLED VIRGIN WITH SS JACKET)

| TYPE : T4WF-10 | | OUTLET SIZE 38 mm | | DISCHARGE IN LPM | | | | | | |
|----------------|-------|-------------------|---------------|------------------|-----|-----|-----|-----|-----|-----|
| HP | STAGE | ISI | | 0 | 150 | 170 | 190 | 210 | 240 | 270 |
| 3.00 | 8 | | HEAD IN METER | 46 | 32 | 28 | 26 | 22 | 20 | 16 |
| 3.00 | 10 | | | 58 | 40 | 35 | 33 | 28 | 25 | 20 |
| 4.00 | 12 | | | 70 | 48 | 42 | 39 | 33 | 30 | 24 |
| 4.00 | 15 | | | 87 | 60 | 53 | 49 | 41 | 38 | 30 |
| 5.00 | 20 | | | 116 | 80 | 70 | 65 | 55 | 50 | 40 |

| TYPE : T4WF-18 | | OUTLET SIZE 38 mm | | DISCHARGE IN LPM | | | | | | |
|----------------|-------|-------------------|---------------|------------------|-----|-----|-----|-----|-----|-----|
| HP | STAGE | ISI | | 0 | 190 | 240 | 290 | 320 | 340 | 380 |
| 3.00 | 7 | | HEAD IN METER | 41 | 28 | 25 | 18 | 16 | 14 | 11 |
| 3.00 | 9 | | | 52 | 36 | 32 | 23 | 20 | 18 | 14 |
| 4.00 | 10 | | | 58 | 40 | 35 | 25 | 23 | 20 | 15 |
| 5.00 | 10 | | | 58 | 40 | 35 | 25 | 23 | 20 | 15 |
| 5.00 | 12 | | | 70 | 48 | 42 | 30 | 27 | 24 | 18 |
| 5.00 | 14 | | | 81 | 56 | 49 | 35 | 32 | 28 | 21 |

| TYPE : T4WF-20 | | OUTLET SIZE 65 mm | | DISCHARGE IN LPM | | | | | | |
|----------------|-------|-------------------|---------------|------------------|-----|-----|-----|-----|-----|-----|
| HP | STAGE | ISI | | 0 | 125 | 210 | 310 | 360 | 410 | 470 |
| 3.00 | 6 | | HEAD IN METER | 36 | 32 | 29 | 24 | 20 | 17 | 14 |
| 3.00 | 7 | | | 42 | 37 | 34 | 28 | 23 | 19 | 16 |
| 5.00 | 10 | | | 60 | 53 | 48 | 40 | 33 | 28 | 23 |
| 6.00 | 12 | | | 72 | 63 | 58 | 48 | 39 | 33 | 27 |

| TYPE : T4WF-04H | | OUTLET SIZE 32 mm | | DISCHARGE IN LPM | | | | | | |
|-----------------|-------|-------------------|---------------|------------------|-----|-----|-----|-----|----|----|
| HP | STAGE | ISI | | 0 | 28 | 40 | 48 | 54 | 68 | 80 |
| 0.75 | 7 | | HEAD IN METER | 55 | 46 | 43 | 39 | 35 | 25 | 15 |
| 1.00 | 10 | | | 79 | 65 | 62 | 55 | 50 | 36 | 22 |
| 1.50 | 15 | | | 119 | 98 | 92 | 83 | 75 | 54 | 33 |
| 2.00 | 18 | | | 142 | 117 | 111 | 99 | 90 | 65 | 40 |
| 3.00 | 22 | | | 174 | 143 | 135 | 121 | 110 | 79 | 48 |
| 3.00 | 23 | | | 182 | 150 | 141 | 127 | 115 | 83 | 51 |

| TYPE : T4WF-01H | | OUTLET SIZE 32 mm | | DISCHARGE IN LPM | | | | | | |
|-----------------|-------|-------------------|---------------|------------------|-----|-----|-----|-----|----|----|
| HP | STAGE | ISI | | 0 | 15 | 25 | 29 | 35 | 42 | 47 |
| 0.50 | 8 | | HEAD IN METER | 57 | 49 | 45 | 41 | 36 | 27 | 20 |
| 0.75 | 12 | | | 85 | 74 | 68 | 62 | 54 | 41 | 30 |
| 1.00 | 14 | | | 99 | 86 | 79 | 72 | 63 | 48 | 35 |
| 1.00 | 16 | | | 114 | 99 | 91 | 83 | 72 | 54 | 40 |
| 1.50 | 20 | | | 142 | 123 | 113 | 103 | 90 | 68 | 50 |
| 1.50 | 21 | | | 149 | 129 | 119 | 108 | 95 | 71 | 53 |
| 2.00 | 25 | | | 178 | 154 | 142 | 129 | 113 | 85 | 63 |

| TYPE : T4WF-04HD | | OUTLET SIZE 32 mm | | DISCHARGE IN LPM | | | | | | |
|------------------|-------|-------------------|---------------|------------------|-----|-----|-----|-----|-----|----|
| HP | STAGE | ISI | | 0 | 24 | 37 | 57 | 64 | 80 | 92 |
| 0.50 | 4 | | HEAD IN METER | 32 | 30 | 28 | 25 | 22 | 17 | 12 |
| 0.75 | 5 | | | 41 | 38 | 36 | 31 | 28 | 21 | 15 |
| 1.00 | 7 | | | 57 | 53 | 50 | 44 | 39 | 30 | 21 |
| 1.00 | 8 | | | 65 | 60 | 57 | 50 | 44 | 34 | 24 |
| 1.50 | 11 | | | 89 | 83 | 78 | 69 | 61 | 47 | 33 |
| 1.50 | 12 | | | 97 | 90 | 85 | 75 | 66 | 51 | 36 |
| 2.00 | 14 | | | 113 | 105 | 99 | 88 | 77 | 60 | 42 |
| 2.00 | 16 | | | 130 | 120 | 114 | 100 | 88 | 68 | 48 |
| 3.00 | 32 | | | 259 | 240 | 227 | 200 | 176 | 136 | 96 |

| TYPE : T4WF-02H | | OUTLET SIZE 32 mm | | DISCHARGE IN LPM | | | | | | |
|-----------------|-------|-------------------|---------------|------------------|-----|-----|-----|----|----|----|
| HP | STAGE | ISI | | 0 | 19 | 30 | 35 | 40 | 50 | 60 |
| 0.50 | 6 | | HEAD IN METER | 43 | 37 | 34 | 31 | 27 | 20 | 15 |
| 0.75 | 10 | | | 72 | 62 | 57 | 52 | 45 | 34 | 25 |
| 1.00 | 12 | | | 86 | 74 | 68 | 62 | 54 | 41 | 30 |
| 1.50 | 18 | | | 130 | 111 | 102 | 93 | 81 | 61 | 45 |
| 2.00 | 20 | | | 144 | 123 | 113 | 103 | 90 | 68 | 50 |

"TECHNO" BRAND SUBMERSIBLE PUMPSETS - SUITABLE FOR 125 MM BOREWELL & ABOVE

Approximate Performance Chart at 2880 RPM, 220-240 Volts Single Phase / 380-415 Volts Three Phase, 50Hz, A.C. Supply

MOTOR : COPPER ROTOR • PUMP : BOWL - CAST IRON • IMPELLER - STAINLESS STEEL

| TYPE : T05-40 | | OUTLET SIZE 50 mm | | DISCHARGE IN LPM | | | | |
|---------------|-------|-------------------|---------------|------------------|-----|-----|-----|-----|
| HP | STAGE | | | 0 | 70 | 110 | 135 | 160 |
| 4.00 | 10 | | HEAD IN METER | 100 | 84 | 77 | 70 | 53 |
| 5.00 | 12 | | | 120 | 101 | 92 | 84 | 63 |
| 6.00 | 14 | | | 140 | 118 | 108 | 98 | 74 |

| TYPE : T05-50 | | OUTLET SIZE 50 mm | | DISCHARGE IN LPM | | | | |
|---------------|-------|-------------------|---------------|------------------|-----|-----|-----|-----|
| HP | STAGE | | | 0 | 105 | 145 | 175 | 185 |
| 3.00 | 6 | | HEAD IN METER | 65 | 54 | 48 | 45 | 42 |
| 4.00 | 8 | | | 86 | 72 | 64 | 60 | 56 |
| 5.00 | 10 | | | 108 | 90 | 80 | 75 | 70 |
| 6.00 | 12 | | | 130 | 108 | 96 | 90 | 84 |
| 7.50 | 14 | | | 162 | 135 | 120 | 113 | 105 |