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Honda Pumps



HONDA

WATER PUMP SPECIFICATIONS

| De-Watering | | | | | |
|--|--|---|---|---|---|
| | | LIGHTWEIGHT | | GENERAL PURPOSE | |
| Model | | WX10K1A | WX15AX2 | WB20XK2 | WB30XK2 |
| Honda 4-stroke, single cylinder, air cooled engine | | GX25 OHV | GXH50 OHV | GX120 OHV | GX160 OHV |
| Displacement | | 25cc | 49cc | 118cc | 163c |
| Compression ratio | | 8.0:1 | 8.0:1 | 8.5:1 | 8.5:1 |
| Honda Oil Alert® | | N/A | Std | Std | Std |
| Pump type | | Lightweight Centrifugal Self-priming | Lightweight Centrifugal Self-priming | General Purpose Centrifugal Self-priming | General Purpos Centrifugal Self-priming |
| Volute | | Aluminum | Aluminum | Rigid Mounted Cast Iron | Rigid Mounted Cast Iron |
| Impeller | | Aluminum | Aluminum | Cast Iron | Cast Iron |
| Mechanical Seal (Pump case/impeller) | | Carbon/Ceramic | Carbon/Ceramic | Silicone Carbide/Silicone Carbide | Silicone Carbide/Silicone Carbide |
| Priming time | | 80 sec. at 16.4 ft. | 120 sec. at 16.4 ft. | 110 sec. at 16.4 ft. | 150 sec. at 16.4 ft. |
| Drive system | | Direct | Direct | Direct | Direct |
| Discharge capacity | | 37 gal/min | 72 gal/min | 152 gal/min | 275 gal/min |
| Suction port diameter | | 1.0" NPT | 1.5" NPT | 2" NPT | 3" NPT |
| Discharge port diameter | | 1.0" NPT | 1.5" NPT | 2" NPT | 3" NPT |
| Total head lift | | 118 ft. | 125 ft. | 92 ft. | 85 ft. |
| Suction head lift | | 26 ft. | 26 ft. | 26 ft. | 26 ft. |
| Maximum pressure | | 51 psi | 54 psi | 40 psi | 37 psi |
| Solids handling | | N/A | N/A | 5/16" | 5/16" |
| Dimensions (LxWxH) | | 12.8" x 8.7" x 11.8" | 12.8" x 10.8" x 14.8" | 17.9" x 14.4" x 16.5" | 20.1" x 15.2" x 17.9" |
| Dry weight | | 13.4 lbs. | 19.8 lbs. | 46 lbs. | 60 lbs. |
| 3-Year Limited Residential and Commercial Warranty | | | | ● | ● |
| Construction | | | | | |
| | | TRASH | | DIAPHRAGM | |
| Model | | WT20XK3A | WT30XK3A | WT40XK2A | WDP30XK1AT |
| Honda 4-stroke, single cylinder, air cooled engine | | GX160 OHV | GX240 OHV | GX340 OHV | GX120 OHV |
| Displacement | | 163cc | 242cc | 337cc | 118cc |
| Compression Ratio | | 8.5:1 | 8.2:1 | 8.0:1 | 8.5:1 |
| Honda Oil Alert® | | STD | STD | STD | STD |
| Pump type | | Trash Centrifugal Self-priming | Trash Centrifugal Self-priming | Trash Centrifugal Self-priming | Diaphragm Self-priming |
| Volute | | Rigid Mounted Cast Iron w/ Stainless Wear Plate | Rigid Mounted Cast Iron w/ Stainless Wear Plate | Rigid Mounted Cast Iron w/ Stainless Wear Plate | N/A |
| Impeller | | Conical Cast Iron | Conical Cast Iron | Conical Cast Iron | N/A |
| Mechanical seal (Pump case/impeller) | | Silicone Carbide/Silicone Carbide | Silicone Carbide/Silicone Carbide | Silicone Carbide/Silicone Carbide | N/A |
| Priming time | | 70 sec. at 16.4 ft. | 100 sec. at 16.4 ft. | 160 sec. at 16.4 ft. | 20 sec. at 20.0 ft. |
| Drive system | | Direct | Direct | Direct | Direct |
| Discharge capacity | | 187 gal/min | 319 gal/min | 433 gal/min | 80 gal/min |
| Suction port diameter | | 2" NPT | 3" NPT | 4" NPT | 3" NPT |
| Discharge port diameter | | 2" NPT | 3" NPT | 4" NPT | 3" NPT |
| Total head lift | | 98 ft. | 89 ft. | 85 ft. | 50 ft. |
| Suction head lift | | 26 ft. | 26 ft. | 26 ft. | 24 ft.** |
| Maximum pressure | | 42 psi | 39 psi | 37 psi | N/A |
| Solids handling | | 13/16 inches | 1 1/16 inches | 1 1/16 inches | 2.4" |
| Dimensions (LxWxH) | | 24.4" x 18.1" x 18.3" | 26.0" x 19.5" x 20.3" | 28.9" x 21.1" x 22.2" | 31.5" x 30.5" x 25.7"* |
| Dry weight | | 104 lbs. | 132 lbs. | 172 lbs. | 163 lbs. |
| 3-Year Limited Residential and Commercial Warranty | | ● | ● | ● | ● |

* With handlebar over engine ** 16 ft dry, 24 ft primed