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Honda Pumps



HONDA

DIAPHRAGM PUMP

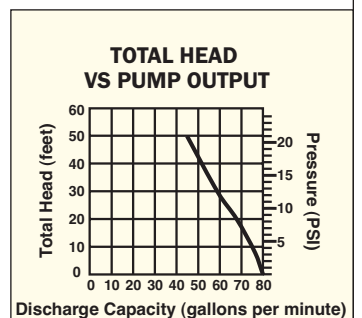


The Honda Diaphragm Pump is one of the most rugged and durable pump models available. The Honda self-priming, positive displacement diaphragm pump offers “run dry” capability and is ideally suited for muddy water, sludge or any water with a high percentage of solids. This pump offers an easy-starting, durable, Honda commercial-grade OHV engine. Superior performance and durability are the result of a unique combination of features including die cast aluminum case, air cushion chamber, special rock channel that allows solids to easily pass, spring-protected connecting rod to prevent case damage, rugged neoprene diaphragm with nylon insert and the ability to pass solids up to 2.4". With the standard wheel kit for easy transport, this pump offers an exceptional value for construction, water treatment and agricultural applications.



WDP30XK1AT

- Dry, self-priming 3" diaphragm pump
- Easy-starting Honda OHV commercial-grade engine
- Pumps up to 80 gallons per minute
- Special “rock channel” prevents case damage
- Spring protected connecting rod
- Perfect when low volume, run dry operation is required
- Protected by Honda Oil Alert®
- Wheel kit standard



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