

Titan - Combination Pump Specifications

8073 1/3 HP Sump Pump Titan
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PUMP (AC)

Flow @ 0 ft. GPH (0 M.)	3,900 GPH	14,763 LPH
Flow @ 0 ft. GPM (0 M.)	65 GPM	246 LPM
Flow @ 10 ft. GPH (3 M.)	3,000 GPH	11,356 LPH
Flow @ 10 ft. GPM (3 M.)	50 GPM	189 LPM
Flow @ 20 ft. GPH (6.1 M.)	1,740 GPH	6586 LPH
Flow @ 20 ft. GPM (6.1 M.)	29 GPM	110 LPM
Max. Head	30 ft.	9.1 M
Max. Diam. Solids (w/ Strainer)	7/8" (3/16")	22 (5) mm
Pump Discharge	1-1/2" NPT	38 mm
Motor - HP	1/3 HP	
Motor Type	PSC	
Voltage	115 VAC, 60 Hz	
Amps. @ 10 Ft. Total Head	4.0 A	
Gallons per Watt Hour Used	6.25 G /W/hr	
Speed	3450 RPM	
Line Cord - Type	16-3 SJTW	
Line Cord - Length	10 ft. (3.0M)	
Motor Cooling	Water-cooled	
Overheating Protection	Thermal Fused	
Operation	Automatic	
Duty	Continuous	
Max. Water Temp.	104° F / 40° C	
Approvals	CSA	
Warranty	3-Year (1-Year for Continuous Use)	

PUMP CONSTRUCTION (AC)

Pump Housing	Cast Iron / Stainless Steel
Impeller	Fiber Polycarbonate
Fasteners	Stainless Steel
Strainer	Chromed Steel Strainer
Pump Seals:	(2) - Carbon/Ceramic (1) - Buta N Exclusion Seal
Motor Shaft	304 SS
Bearings	(2) Sealed Perm.-Lubricated Ball Bearings
Painting Method	Primed / Double Paint

PUMP (DC - BACKUP)

Flow @ 0 ft. GPH (0 M.)	4,000 GPH	15,142 LPH
Flow @ 0 ft. GPM (0 M.)	66.7 GPM	252 LPM
Flow @ 10 ft. GPH (3 M.)	2,400 GPH	9085 LPH
Flow @ 10 ft. GPM (3 M.)	40 GPM	151 LPM
Max. Head	17 ft.	5.2 M
Pump Discharge	1-1/2" FNPT w/ 1-1/2x1-1/2" Adaptor	
Strainer	Snap-on Non-corrosive ABS Screen	
Pump Housing	Non-corrosive ABS	
Impeller	Fiber Poly-Carbonate	
Motor Type	Brush-type DC	
Voltage	12 VDC	
Amps. @ 10 Ft. Total Head	9 - 10.5 Amps.	

CHARGER / MONITOR

Power Input	115 VAC, 60 Hz
Charger Output	12 VDC / 13 Amp
Pumping Time w/ B-1000	Not Recommended
Pumping Time w/ B-2200	8 Hours Continuous
Pumping Time w/ (2) B-2200	16 Hours Continuous
Pumping Time w/ B12-90	6.5 Hours Continuous
Pumping Time - Intermittent Duty	Days
Float Switch	Dual, Micro-Reed Switches

MONITORING FEATURES

Switches Automatically to Battery	Yes
Pumps directly of AC Power	Yes
Automatically Tests the Pump	Yes
Alarm Can Be Silenced	Yes (24 hours)
Displays Percent of Charge	Yes
Alarms When:	-
Pump has Been Activated	Yes
Battery Needs Water	Yes
Battery Needs replacing	Yes
Battery is Discharged	Yes
Battery Cable is Loose	Yes
Power, fuse or circuit breaker	Yes

DIMENSIONS

	English	Metric
Overall Dimensions (WxDxH)	10" x 11" x 23.7"	25.4 x 27.9 x 60.2 cm
Item Wt.	43 lbs	19.5 Kg
Carton Dimensions (LxWxH)	20.25" x 17.5" x 25.75"	51.4 x 44.5 x 65.4 cm
Shipping Wt.	51 lbs	23.1 Kg

FLOAT SWITCH AND CONTROLLER

Float Type	Dual, Micro-Reed Switches w/ Cage
Controller (DFC2) Functions:	Start/Stop Pump w/ 10 sec. run before stopping
Control Voltage/Current	115 VAC / 12 Amps. max
Max. Inrush Current	30 Amps.
Switch Cord - Type, Length*	18-2 SJT x 10ft. (3.0M)

INCLUDED

Included with System	AC Pump, Caged-Dual Float and Deluxe Controller (AC Pump), Backup Pump, Dual Float (Backup), Controller (Backup), Charger (Backup), Sump Foot, (2) Check Valves, Y Adaptor, Pipe, Battery Cap w/hole, Hose Clamp, Wire Tie, Instruction Manual
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