



Model DCP30101 Water Pump

SPECIFICATIONS

ITEM	U.S.A.	METRIC
Voltage Requirement	12 vdc	
Current	9.5 amps	
Maximum Water Flow	3.3 gpm	12.5 lpm
Maximum Water Pressure	40 psi	2.8 bar
Cut-Out Pressure	45 psi	3.1 bar
Cut-In Pressure	30 psi	2.1 bar
Weight	12.6 lbs	5.7 kg
Length	12.5 in	318 mm
Width	11 in	279 mm
Height	15 in	381 mm

Use with Diamond Chain Saws

The DCP30 water pump is intended to be used to supply water to the chain and bar on Stanley Diamond Concrete Chain Saws and other diamond chain saw brands as well.

Features and Benefits

The 12 vdc Water Pump is a three-chamber positive displacement diaphragm pump. This pump will deliver water flow to a pressure of 45 psi.

Maximum output flow is 3.3 gpm. At 40 psi, this pump will deliver about 2.2 gpm.

The Water Pump has a built-in pressure switch which will automatically shut off the pump when pressure reaches 45 psi. The switch

will turn on the pump when pressure drops to 30 psi. The settings of the pressure switch are preset and cannot be adjusted.

The Water Pump is self-priming. It will draw water up to a maximum lift of 8 feet.

The diaphragm construction allows the pump to run dry without damage. There are no rotating seals to wear or leak.

The built-in thermal protection will automatically shut off the pump before it is damaged by overheating. The shut off will automatically reset after the pump cools.

The pump has a finned heat sink for cooling. This makes the pump a continuous-duty pump.

The built-in check valve maintains water pressure after the pump shuts off. It also prevents water from flowing back into the water supply. If your water supply is from a potable water source, water in the pump outlet will not flow back into the water system.

A strainer is provided in the suction line to prevent debris from entering the pump. The strainer is easily disassembled for cleaning. The clear cover allows you to see the condition of the strainer.

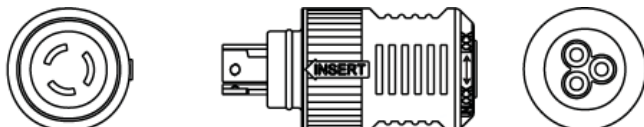
The current draw will be between 3.6 and 15 amps, depending on outlet pressure.

ORDER INFORMATION

MODEL NO.	DESCRIPTION
DCP30101	Water Pump, 12 vdc, battery clips
DCP30100	Water Pump, 12 vdc, dc plug (marine type*)

Included in above: pump, wire harness with either a plug or battery clips, water filter, frame, pigtail water hoses and fittings

* The dc plug is of the marine type shown below. Stanley offers GT18 Power Units that contain a dc receptacle that will accept the marine style dc plug. Automotive dc plugs cannot be used due to their low amperage ratings.



WARRANTY

The DCP30 and associated parts is warranted against defects in materials and workmanship for a period of 90 days from the date of purchase. Stanley Hydraulic Tools reserves the right to repair or replace only those parts which prove to have been defective at the time of purchase. This warranty becomes void if maximum voltage and current ratings are exceeded.

ACCESSORIES

PART NO.	DESCRIPTION
44965	Battery Clip, Red
47461	Battery Clip, Black
64940	12 vdc Male Plug (marine type)
66342	Suction Strainer
60859	Water Flow Meter

All Stanley Hydraulic Tools, parts, accessories and allied equipment are subject to design improvements, specification and price changes at any time without notice and with no obligation to units already sold. Weights, dimensions and operating specifications listed herein are subject to change without notice. Where specifications are critical to your applications, please consult Stanley Hydraulic Tools.

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