

* BILL OF MATERIALS*

SL.NO	COMPONENT NAME	TYPE OF MATERIAL	SPECIFICATIONS	QUANTITY	FABRICATION
1	Water Container	Acrylic sheet	6 cm*6cm*10cm	1	Cutting and bending
2	Transparent pipe tube	PVC	2m long Inner diameter ->8mm Outer diameter ->10mm	1	----- -----
3	Microcontroller	Arduino Mega	AT2560	1	----- -----
4	Water pump motor	--	Weight:150gm Voltage:12 V DC Current:2A to 8A Flow rate:300L/H Lift:130cm	1	----- -----
5	10K Potentiometer	----- -----	Operating voltage:5V DC Working power :250V 3A	1	----- -----
6	Breadboard	----- -----	----- -----	1	----- -----
7	IR Sensor	----- -----	Output:3.5V Operating voltage:5V	1	----- -----
8	Jumper wire	----- -----	----- -----	As per requirement	----- -----

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9	Relay module	----- -----	Operating voltage :5V Driver current: 15- 20A Indication LEDs for Output status	1	----- -----
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