

# LEVEL CONTROLLER SYSTEM FOR OVER HEAD TANK



The “RC” make Level Controller System helps to minimize water wastage caused due to unnecessary over flowing ,it works in such a way that each overhead tank maintains its own level independently. When the water level comes at low level, the inlet of the RC Motorized Valves open up, filling the tank and when the water level reaches high level the RC Motorized Valve closes. When all of the overhead tank Motorized Valve closes the pressure on the pump header increases and the pressure switch installed on the pump header cuts the pump, now if the water level in any of the over head tank decreases the Motorized valve will open releasing the pressure and when the pressure is released the pressure switch installed on the pump header will starts pumping water to fill the tanks

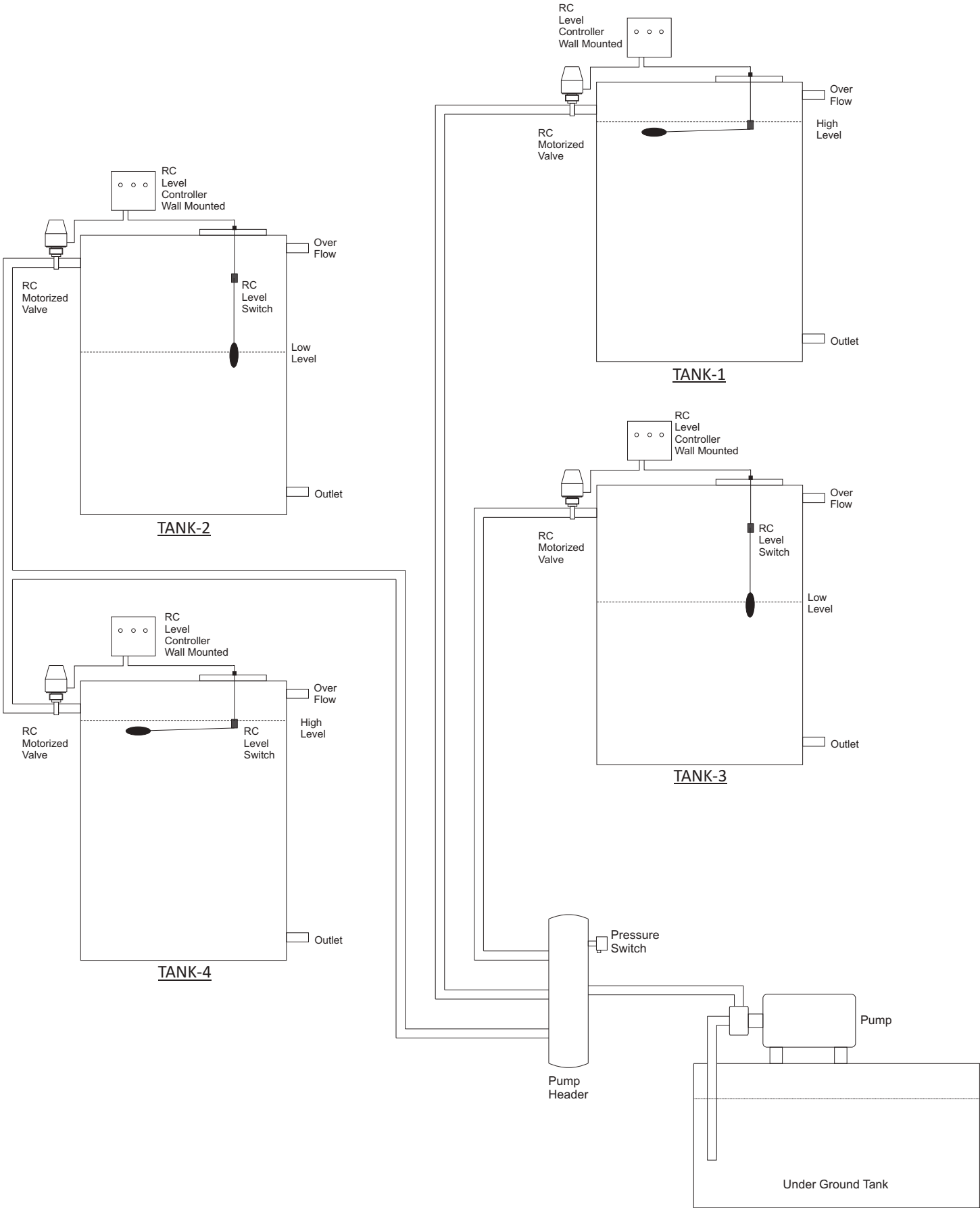
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**RAPID CONTROLS PVT.LTD.**

E-mail:- [info@rapidcontrols.in](mailto:info@rapidcontrols.in), [sales3@rapidcontrols.in](mailto:sales3@rapidcontrols.in)

Ph:-+91-011-45128360,28117185/3873,9971998828

# TYPICAL INSTALLATION OF LEVEL CONTROLLER SYSTEM



**RAPID CONTROLS PVT.LTD.**

B-47, Mayapuri, Indl. Area, Phase-1, New Delhi-64 (India)

Phone - 28117185, 28113873, 28115349, 45128360

E-mail : rapidcontrols@gmail.com, rapidcontrols47@gmail.com

Website : www.rapidcontrols.co.in

**TECHNICAL DATA SHEET FOR  
LEVEL CONTROLLER**

S.No	DESCRIPTION	DETAILS		
1	MAKE	"RC"		
2	MODEL	RCLC1	RCLC-2	RCLC-3
3	TYPE	PRE-WIRED PANEL, WALL MOUNTABLE		
4	PANEL SIZE	10"x9"x6" ( L x W x H)		
5	PANEL THICKNESS	18 Gauges		
6	CONTROLLER	RELAY BASED		
7	M.C.B.	SCHNEIDER/L&T/ABB		
8	INPUT POWER SUPPLY	220V AC		
9	OUTPUT CONTROL POWER SUPPLY	220V AC & 24V DC		
10	CONNECTORS	MELAMINE SCREW TERMINALS		
11	INTERNAL CONTROL WIRE	1mm <sup>2</sup>		
12	CABLE ENTRY	PG11 CABLE GLAND		
13	PANEL COATING	BAKED ENAMEL PAINTED		
14	LEVEL SWITCH	SS304,FLANGE MOUNTABLE TOTAL LENGTH-1'10" AND TOTAL FLOAT MOVEMENT AREA 9"	PLASTIC CABLE TYPE FLOATY	NO LEVEL SWITCH
15	POWER RATING	5 Amp		

