

WATER FLOW SWITCH

STANDARD FLOW RATE -S.P.D.T.

MODEL :- RC-61



"RC" make Flow Switch is designed for use on Non-Viscous liquid, Water, Methyl Glycol Solutions or any other liquid not injurious to Brass & Non-Ferrous Metal parts that come in the contact with the liquid. The SPDT contacts make or break and electrical circuit when flow starts or stops.



Can be used in :

- Water purification and treatment systems
- Booster pumps
- Fast Shut down on high input boilers to guard against circulation failure
- Cooling systems for electronic tube, bearing & compressor
- Can be used anywhere, who wants to take Flow, No-Flow signal.

They can be wired to close circuit and open a second circuit. When liquid flow other exceeds or drops below the Adjusting flow rate.

ELECTRICAL RATING			
MOTOR RATING	120 V	208 V	240 V
HORSEPOWER	1	1	1
A.C. FULL LOAD Amps.	16	8.8	8
A.C. LOCKED ROTOR Amps.	96	52.8	48
NON-CONDUCTIVE LOAD Amps	16	16	16
PILOT DUTY -125VA. 24/240V A.C.			

Pipe Connection	25 mm BSMP
Type	On-Line type.
Max. Liquid Pressure	150 PSIG.
Max. Liquid Temperature	110' C
Min. Liquid Temperature	1' C

FLOW CONTROL RANGE											
PIPE SIZE		25mm	32mm	40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm
MIN ADJUSTMENT	On-Flow	4.2	5.6	7.5	13.7	17.5	27.5	37.1	57.2	77	201.1
	Off-Flow	2.5	3.5	5	9.5	12	19	27.9	41	54	170.3
MAX. ADJUSTMENT	On-Flow	9.3	13.3	17.7	27	31	50	81	118	144	415
	Off-Flow	9	12.5	16.5	25	28.8	47	76	111	135	400

(All Of the above values are in G.P.M.)

(The above data is experimental data, it may have a tolerance of 10%)

Address :- B-47, Block B, Mayapuri Industrial Area Phase I, Mayapuri, New Delhi, 110064

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Web. www.rapidcontrols.in

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Pipe Connection	25 mm BSMPT
Type	On-Line type.
Max. Liquid Pressure	150 PSIG.
Max. Liquid Temperature	60° C
Min. Liquid Temperature	1° C

ELECTRICAL RATING			
MOTOR RATING	120 V	208 V	240 V
HORSEPOWER	1	1	1
A.C. FULL LOAD Amps.	16	8.8	8
A.C. LOCKED ROTOR Amps.	96	52.8	48
NON-CONDUCTIVE LOAD Amps	16	16	16
PILOT DUTY -125VA. 24/240V A.C.			



FLOW CONTROL RANGE											
PIPE SIZE		25mm	32mm	40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm
MIN ADJUSTMENT	On-Flow	4.2	5.6	7.5	13.7	17.5	27.5	37.1	57.2	77	201.1
	Off-Flow	2.5	3.5	5	9.5	12	19	27.9	41	54	170.3
MAX. ADJUSTMENT	On-Flow	9.3	13.3	17.7	27	31	50	81	118	144	415
	Off-Flow	9	12.5	16.5	25	28.8	47	76	111	135	400

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Pipe Connection	25 mm BSMPT
Type	On-Line type.
Max. Liquid Pressure	150 PSIG.
Max. Liquid Temperature	70° C
Min. Liquid Temperature	1° C

ELECTRICAL RATING			
MOTOR RATING	120 V	208 V	240 V
HORSEPOWER	1	1	1
A.C. FULL LOAD Amps.	16	8.8	8
A.C. LOCKED ROTOR Amps.	96	52.8	48
NON-CONDUCTIVE LOAD Amps	16	16	16
PILOT DUTY -125VA. 24/240V A.C.			



FLOW CONTROL RANGE											
PIPE SIZE		25mm	32mm	40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm
MIN ADJUSTMENT	On-Flow	4.2	5.6	7.5	13.7	17.5	27.5	37.1	57.2	77	201.1
	Off-Flow	2.5	3.5	5	9.5	12	19	27.9	41	54	170.3
MAX. ADJUSTMENT	On-Flow	9.3	13.3	17.7	27	31	50	81	118	144	415
	Off-Flow	9	12.5	16.5	25	28.8	47	76	111	135	400

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Pipe Connection	25 mm BSMPT
Type	On-Line type.
Max. Liquid Pressure	150 PSIG.
Max. Liquid Temperature	110° C
Min. Liquid Temperature	1° C
Micro Switch Contact	2NO 2NC

ELECTRICAL RATING			
MOTOR RATING	120 V	208 V	240 V
HORSEPOWER	1	1	1
A.C. FULL LOAD Amps.	16	8.8	8
A.C. LOCKED ROTOR Amps.	96	52.8	48
NON-CONDUCTIVE LOAD Amps	16	16	16
PILOT DUTY -125VA. 24/240V A.C.			



FLOW CONTROL RANGE											
PIPE SIZE		25mm	32mm	40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm
MIN ADJUSTMENT	On-Flow	4.2	5.6	7.5	13.7	17.5	27.5	37.1	57.2	77	201.1
	Off-Flow	2.5	3.5	5	9.5	12	19	27.9	41	54	170.3
MAX. ADJUSTMENT	On-Flow	9.3	13.3	17.7	27	31	50	81	118	144	415
	Off-Flow	9	12.5	16.5	25	28.8	47	76	111	135	400

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WATER FLOW SWITCH

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MODEL :- RC-65



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- Cooling systems for electronic tube, bearing & compressor
- Can be used anywhere, who wants to take Flow, No-Flow signal.

They can be wired to close circuit and open a second circuit. When liquid flow other exceeds or drops below the Adjusting flow rate.

Pipe Connection	25 mm BSMPT
Type	On-Line type.
Max. Liquid Pressure	150 PSIG.
Max. Liquid Temperature	60° C
Min. Liquid Temperature	1° C
Micro Switch Contact	2NO 2NC

ELECTRICAL RATING			
MOTOR RATING	120 V	208 V	240 V
HORSEPOWER	1	1	1
A.C. FULL LOAD Amps.	16	8.8	8
A.C. LOCKED ROTOR Amps.	96	52.8	48
NON-CONDUCTIVE LOAD Amps	16	16	16
PILOT DUTY -125VA. 24/240V A.C.			



FLOW CONTROL RANGE											
PIPE SIZE		25mm	32mm	40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm
MIN ADJUSTMENT	On-Flow	4.2	5.6	7.5	13.7	17.5	27.5	37.1	57.2	77	201.1
	Off-Flow	2.5	3.5	5	9.5	12	19	27.9	41	54	170.3
MAX. ADJUSTMENT	On-Flow	9.3	13.3	17.7	27	31	50	81	118	144	415
	Off-Flow	9	12.5	16.5	25	28.8	47	76	111	135	400

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- Can be used anywhere, who wants to take Flow, No-Flow signal.

They can be wired to close circuit and open a second circuit. When liquid flow other exceeds or drops below the Adjusting flow rate.

Pipe Connection	25 mm BSMPT
Type	On-Line type.
Max. Liquid Pressure	150 PSIG.
Max. Liquid Temperature	110° C
Min. Liquid Temperature	1° C
Micro Switch Contact	1NO 1NC

ELECTRICAL RATING			
MOTOR RATING	120 V	208 V	240 V
HORSEPOWER	1	1	1
A.C. FULL LOAD Amps.	16	8.8	8
A.C. LOCKED ROTOR Amps.	96	52.8	48
NON-CONDUCTIVE LOAD Amps	16	16	16
PILOT DUTY -125VA. 24/240V A.C.			



FLOW CONTROL RANGE											
PIPE SIZE		25mm	32mm	40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm
MIN ADJUSTMENT	On-Flow	4.2	5.6	7.5	13.7	17.5	27.5	37.1	57.2	77	201.1
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MAX. ADJUSTMENT	On-Flow	9.3	13.3	17.7	27	31	50	81	118	144	415
	Off-Flow	9	12.5	16.5	25	28.8	47	76	111	135	400

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