

# Paddle Flow Switches

DS1402



## AIR / LIQUID MINI FLOW SWITCHES

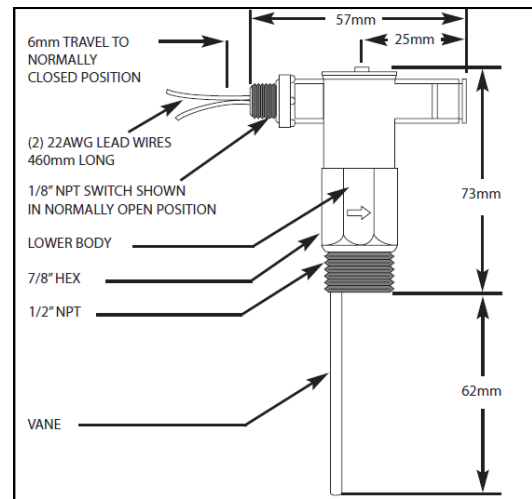
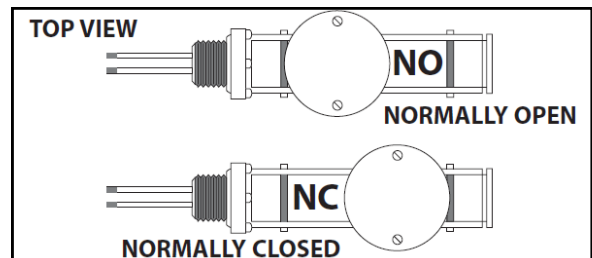
The Model V10 paddle flow is perfect for flow control in smaller pipe sizes at higher system pressures. Unique patented switch adjustment enables quick changes between Normally Open (NO) and Normally Closed (NC) - just loosen two screws and slide the reed switch to your choice of switch actions. Tighten screws and it's complete in seconds! Solid metal bodies enable operation at high system pressures of 69 barg for brass units or 138 barg for stainless steel. The vane is specially formed for maximum strength and has a removable laminated trim template showing where to cut for water or air flows in six pipe sizes from 1/2" to 2". An index arrow on side of the body indicates correct flow direction.

### SPECIFICATION

<b>Electrical Conn.</b>	2 x 460mm 22 AWG wire
<b>Temperature Limit</b>	93°C Maximum
<b>Operating Pressure</b>	Brass body 69 Bar Stainless steel body 138 Bar
<b>Pipe Connection</b>	1/2" NPT
<b>Switch</b>	Single pole reed switch
<b>Electrical Rating</b>	1.5A, 24V DC resistive, 0.5A, 120V AC
<b>Body</b>	Brass or 303 Stainless steel
<b>Wetted Parts</b>	301, 302, 316 Stainless steel, Ceramic magnet
<b>Frame</b>	301 Stainless steel
<b>Mounting</b>	Any position

### FLOW SWITCH RANGE

Approximate Actuation / De-actuation								
Water L/min (20°C)				Air Nm/h (ATP)				
Pipe Size	NO Act.	NO De-act.	NC Act.	NC De-act.	NO Act.	NO De-act.	NC Act.	NC De-act.
1/2"	9.8	8.7	9.8	9.5	17.5	15.0	17.3	15.6
3/4"	11.7	10.2	11.7	10.6	22.1	19.7	21.9	19.7
1"	18.2	17.0	18.2	16.7	32.6	29.9	32.1	29.9
1 1/4"	23.5	21.2	23.1	21.2	42.1	37.7	41.6	38.2
1 1/2"	31.0	29.1	31.0	29.1	56.8	53.0	56.1	52.0
2"	36.0	34.4	36.0	34.1	85.3	82.2	85.3	81.1



### INSTALLATION

Install with index arrow in direction of flow

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#### General Note

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