



# Click CONTROL

## On/Off Motorized Valve



- Used in Fan Coil Units, and other HVAC systems.
- On/Off type, 2-way normally-closed and diverting.
- Uses fully enclosed one way hysteresis synchronous motor with spring return.
- The valve actuator can be easily mounted on a pre-installed valve body in a fan coil unit, a radiator or a compressed air unit.
- No need for calibrations or special fittings to connect the actuator to the valve body.

## SPECIFICATIONS

	Valve Size	Connection Type	2-way Cv(Kv)	3-way Cv(Kv)	Close-Off PSI(kPa)
<b>Flow Coefficients &amp; Maximum Close-Off Pressure</b>	1/2"	NPT, BSPT, IFL	3.5(3.0)	4.0(3.4)	30(208)
	5/8"	NPT, BSPT, IFL			
	3/4"	NPT, BSPT, IFL	5.0(4.3)	5.0(4.3)	25(172)
	1"	NPT, BSPT, IFL	7.5(6.5)	7.5(6.5)	20(137)

## Valve Body Legend

- NPT- National (American) Pipe Thread (female)
- BSPT- British Standard Pipe Thread
- IFL- Inverted Flare

Operating Pressure Limits	300PSI - PN20 (2,100kPa)		
Server	Hot and Chilled Water, up to 50% Glycol		
Motor Voltage	230VAC @ 50Hz/60HZ		
Power Consumption	6.5Watts, 7 VA		
Stroke Speed	Power Stroke 13 to 18 Seconds, Spring Return Stroke 4 to 5 Seconds		
Seat Leakage	Zero Leakage (100%) Bubble-Tight Close-Off		
Body Materials	Body	Forged Brass	
	Stem	Nickel-Plated	
	Seat	Brass	
	Paddle	NBR	
Actuator Materials	Stainless Steel Base Plate, Aluminum Cover		
Ambient Temperature Limits	Shipping & Storage	-40° to 160° F	-40° to 71° C
	Operating Fluid	32° to 200° F	0° to 93° C
	Operating Ambient	32° to 104° F	0° to 40° C



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Far Beyond Valves



### ORDER GUIDE

Part Number	Description
18FC-080T2	Fan coil valve 1/2" BSPT Female Thread connection 2-way
18FC-080T3	Fan coil valve 1/2" BSPT Female Thread connection 3-way
18FC-120T2	Fan coil valve 3/4" BSPT Female Thread connection 2-way
18FC-120T3	Fan coil valve 3/4" BSPT Female Thread connection 3-way
18FC-160T2	Fan coil valve 1" BSPT Female Thread connection 2-way
18FC-160T3	Fan coil valve 1" BSPT Female Thread connection 3-way
18FC-08102	Fan coil valve 1/2" NPT Female Thread connection 2-way
18FC-08103	Fan coil valve 1/2" NPT Female Thread connection 3-way
10FC-12102	Fan coil valve 3/4" NPT Female Thread connection 2-way
18FC-12103	Fan coil valve 3/4" NPT Female Thread connection 3-way
18FC-16102	Fan coil valve 1" NPT Female Thread connection 2-way
18FC-16103	Fan coil valve 1" NPT Female Thread connection 3-way
18FCF-0002	Fan coil valve 5/8" Inverted Flare (IFL) connection 2-way
18FCF-0003	Fan coil valve 5/8" Inverted Flare (IFL) connection 3-way

Voltages: 220VAC



Kibbutz Mashabei Sadeh 85510 Israel,  
Tel. +972-8-6565333 Fax. +972-8-6565340  
**www.sagiv.com • sales@sagiv.com**

