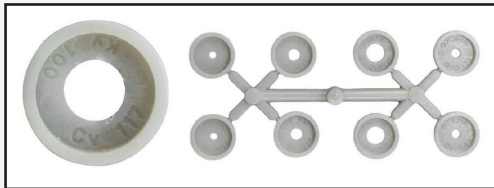
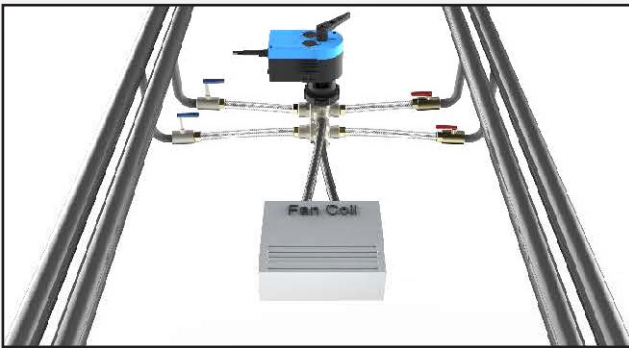


# 6-Way Control Valve

Designed to connect a four system to a single coil, providing modulating heating and cooling control along with coil isolation in a single compact body.

Takes the place of four control valves, drastically simplify installation while saving time and money.

Typical Installation



Orifice plate inserts allow the contractor to balance the heating and cooling flow rates independently.



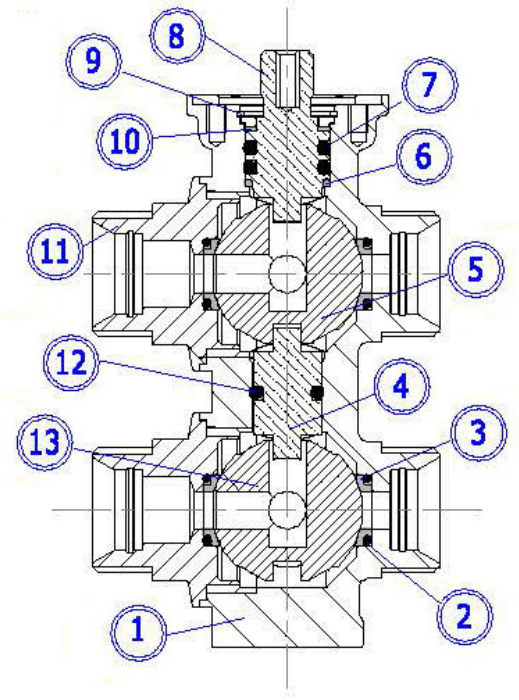
## Material Specifications

No.	Part	Material
1	Body	CW617N Brass
2	O-ring	EPDM
3	Seats	PTFE
4	Stem	CW614N Brass
5	Ball	CW614N Chrome Plated Brass
6	Anti-friction Seat	PTFE
7	O-ring	EPDM
8	Main Stem	CW614N Brass
9	C-clip	Phosphor Bronze
10	Anti-friction seat	PTFE
11	End Connection	CW617N Brass
12	O-ring	EPDM
13	Ball	CW614N Chrome Plated Brass

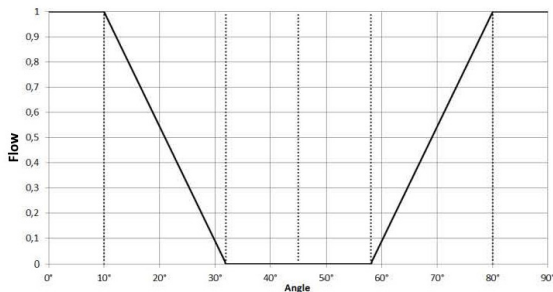
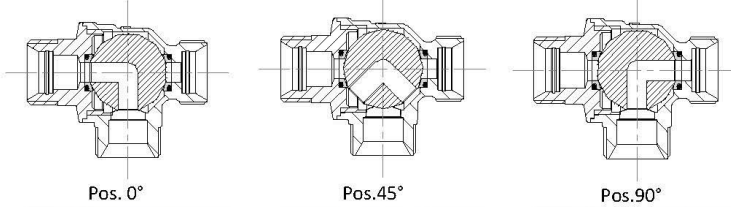
## Technical Features

Handled Fluid	Water (glycol max 50%)	Total Operation Angle	90°
Min Water Temp	14°F	First Side Operation Angle	0-32°
Max Water Temp	248°F	"Dead Zone" Operation Angle	32-58°
Normal Pressure	232 PSI	Second Side Operation Angle	58-90°
Characteristic Curve	Linear	Max Differential Pressure	29 PSI
Cv	Field Adjustable	Weight of Valve	2 lb
Size	1/2" and 3/4"	Water Quality	Fe < .5ppm Cu < .1ppm

F03 / F04 ISO5211 Standard



## Flow Characteristic vs Angle of Operation



HCI PIN	Description	List Price
<b>Body</b>		
T6-AF-1.45	1/2 IN 6-WAY VALVE, FNPT CON, 1.45 MAX CV	\$176.00
T6-BF-4.62	3/4 IN 6-WAY VALVE, FNPT CON, 4.62 MAX CV	\$247.50
T6-AU-1.45	1/2 IN 6-WAY VALVE, UNION CON, 1.45 MAX CV	\$176.00
T6-AU-3.24	1/2 IN 6-WAY VALVE, UNION CON, 3.24 MAX CV	\$220.00

## Connection Options

UAF-T6-P	1/2 IN FNPT UNION NUT AND TAILPIECE - FITS T6-U SERIES	\$4.13
HCB-12	3/4 IN x 12 IN FLEX Connector - MNPT x UNION	\$20.00
HCB-18	3/4 IN x 18 IN FLEX Connector - MNPT x UNION	\$23.00
HCB-24	3/4 IN x 24 IN FLEX Connector - MNPT x UNION	\$27.00
HCB-36	3/4 IN x 36 IN FLEX Connector - MNPT x UNION	\$32.50

## Actuator

T6A-P	6-WAY ACTUATOR, 24VAC, 0-10V AND 3-POINT	\$330.00
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## Accessories

T6-MB-P	T6 ANGLE MOUNTING BRACKET	\$16.00
T6-PLIERS	PLIERS FOR T6 CV DISCS	\$100.00
T6I-A		\$25.00
T6I-B		\$25.00

## 6-way control valves electric actuator

- Proportional 24V with 0/10V signal
- 2 points control
- 3 points control

## Technical Features

Supply Voltage	24VAC ±20% - 50-60Hz	Admissible Ambient Humidity	5%-95% Hr
Max Power Consumption	4.9W - 8.7 VA	Max Temperature Medium	Non-condensing
Running Time	120s / 60s / 35s	Admissible Ambient Temperature	212°F
Angle of Rotation	0°-90°	Type of Protection (EN60529)	IP54
Response Time	200 ms	Protection Class (IEC60730)	III
Torque	70 in-lbs (120s and 60s) - 35 in-lb (35s)	Housing Color	Black
		Cover Color	Light Blue RAL5015
		Weight	1.5lbs

## Approvals



EMC directive 2004/108/EC: EN 61000-6-1, EN 61000-6-3 EN 61000-6-4  
Directive 2006/95/EC: Machine Directive (EN 1050)

