



## Siral Control Valve Water (CVW)

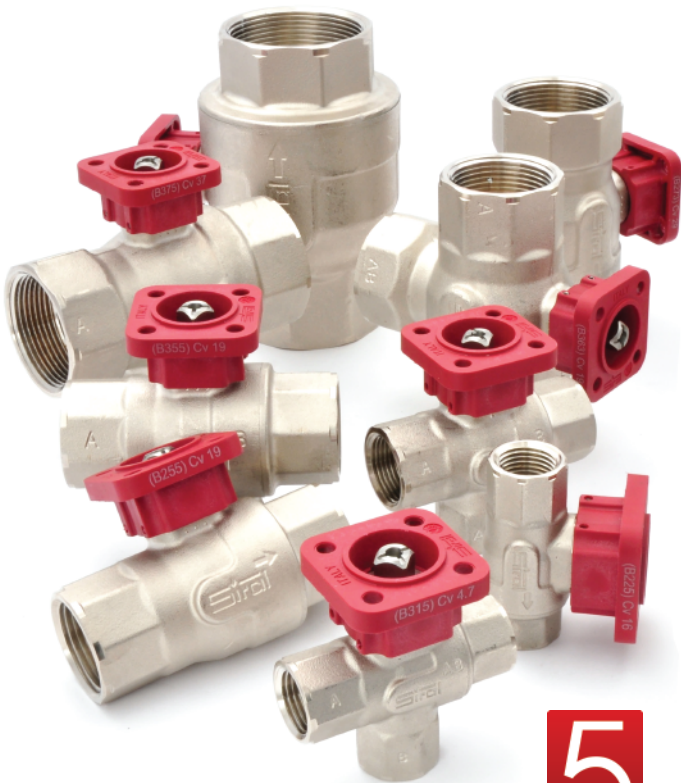
### Stability and Control

The valve's equal percentage characteristic provides a linear change in thermal output based on the valve's opening angle that is controlled by the actuator's input signal.

With its built-in stainless-steel ball and brass characterizing disc, the CVW is designed to provide durability and flow accuracy other plastic disks lack.

The valve is designed with efficiency in mind. It incorporates a leak-free auto-cleaning ball assembly. Its thermal barrier flange reduces heattransfer to the actuator extending its life.

Internal leakage in a valve causes energy waste. Most 3-way valves in the industry usually have some level of internal leakage even when new. With our unique valve design both our 2-way and 3-way valves are bubble-tight with zero leakage through all ports.



Brushless motor technology improves efficiency and life duration due to reduced heat output compared to conventional motors.

### Ball Valve Technology

- Self cleaning ball – Eliminates blockage and leakage caused by damaged surfaces
- Blowout proof steam – Safety during system pressure spikes
- Floating seat design – Stable torque through life
- Zero internal leakage – Stops energy waste caused by leakage
- Nickel plated brass body – Reduces stress concentration

### COMMON APPLICATION

- Fan Coil Units
- Unit Ventilators
- Heating and Cooling Coils
- Air handlers
- VAV Re-heat Coils

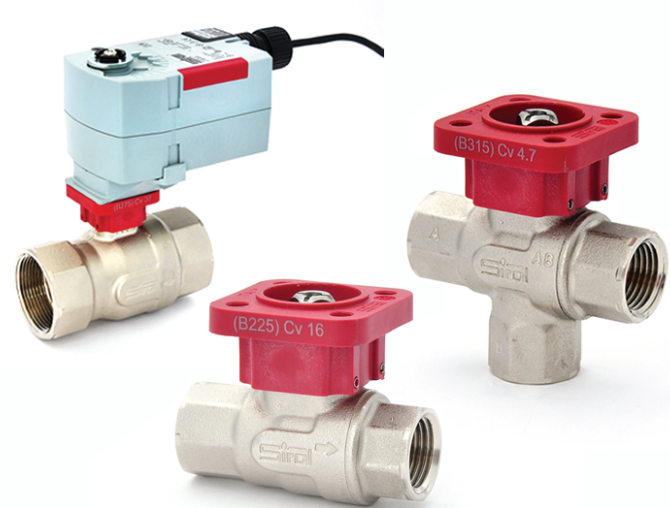
### SNAPSHOT

- Flow patterns: 2-Way, 3-way (Mixing/Diverting)
- Size range: ½ to 2"
- Cv range: 0.3 to 230
- Control: On/Off, Floating Point, Modulating (2-10VDC)

# Simple, Compact and Durable.




Inches	DN (mm)	Cv	2-way NPT	3-way NPT	Non-Spring Return	Fail-Safe
1/2"	15	0.3	B203 / B203B	B303 / B303B	V-NB Series	V-FB Series
	15	0.46	B205 / B205B	B305 / B305B		
	15	0.8	B207 / B207B	B307 / B307B		
	15	1.2	B209 / B209B	B309 / B309B		
	15	1.9	B211 / B211B	B311 / B311B		
	15	3	B213 / B213B	B313 / B313B		
	15	4.7	B215 / B215B	B315 / B315B		
	15	7.4	B218 / B218B	B318 / B318B		
	15	10	B221 / B221B			
	15	16	B225 / B225B			
3/4"	20	4.7	B233 / B233B	B333 / B333B	V-ND Series	V-FD Series
	20	7.4	B236 / B236B	B336 / B336B		
	20	10	B239 / B239B	B339 / B339B		
	20	14	B241 / B241B	B341 / B341B		
	20	24	B243 / B243B			
1"	25	7.4	B251 / B251B	B351 / B351B	V-NF Series	V-FF Series
	25	10	B253 / B253B	B353 / B353B		
	25	19	B255 / B255B	B355 / B355B		
	25	30	B257 / B257B			
1.25"	32	10	B261 / B261B	B361 / B361B	V-NF Series	V-FF Series
	32	19	B263 / B263B	B363 / B363B		
	32	25	B265 / B265B	B365 / B365B		
	32	37	B267 / B267B	B367 / B367B		
1.5"	40	19	B271 / B271B	B371 / B371B	V-NF Series	V-FF Series
	40	29	B273 / B273B	B373 / B373B		
	40	37	B275 / B275B	B375 / B375B		
	40	46	B277 / B277B			
2"	50	29	B282 / B282B	B382 / B382B	V-NF Series	V-FF Series
	50	37	B285 / B285B	B385 / B385B		
	50	46	B287 / B287B	B387 / B387B		
	50	57	B289 / B289B	B389 / B389B		
	50	66	B291 / B291B	B391 / B391B		
	50	68	B292 / B292B			
	50	83	B293 / B293B			
	50	85	B294 / B294B	B394 / B394B		
50	120	B296 / B296B				
50	230	B298 / B298B				



The CVW has a large range of Cv options for each valve size. This reduces installation costs created by multiple pipe reductions.

- Bubble tight (Zero leakage) on all ports
- Built –in characterizing flow orifice
- Compact Design

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E.g. B203: [ Stainless Steel Trim ] / B203B: [ Brass Trim ]