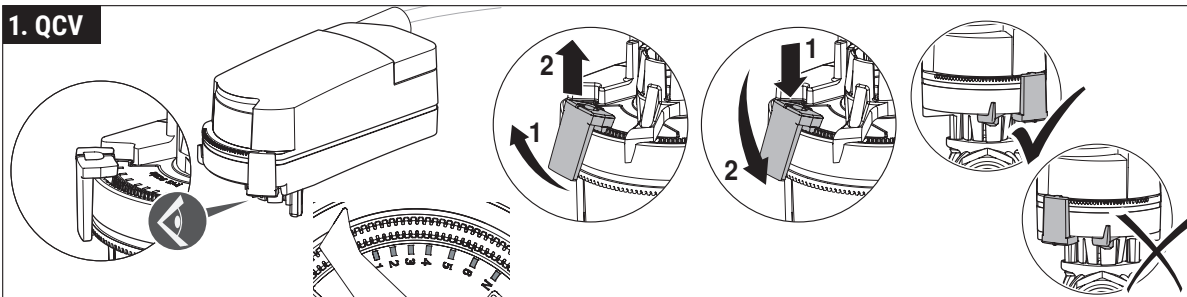


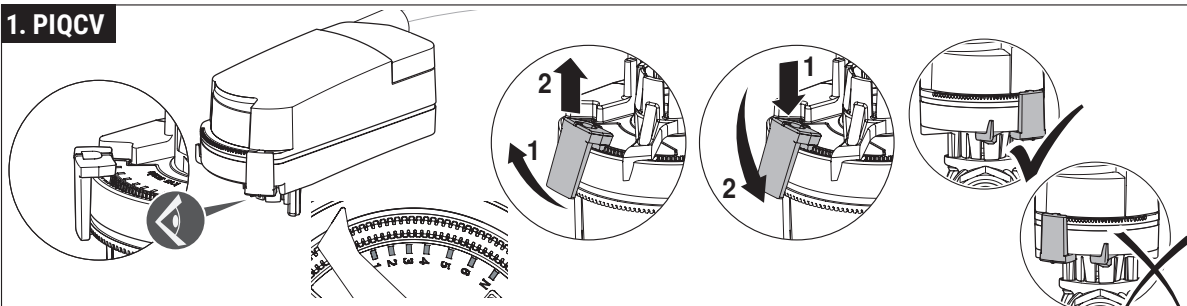
CQ... Actuators with ZoneTight Zone Valves

1. QCV



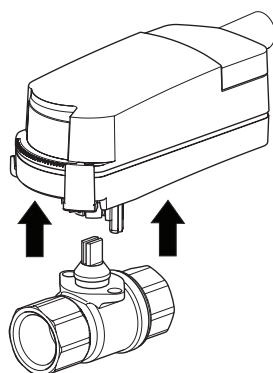
Size	Valve Model	V'max End Stop Positions										V'nom
		1	2	3-	3	4	4+	5	5+	6	N	No end stop
1/2"	Z2050Q(S)(PF)-F	0.1		0.2			0.4		0.6	0.8	1.2	1.4
1/2"	Z2050Q(S)(PF)-J	0.5	0.7		1.2	1.7		2.4		3.4	4.8	5.9
3/4"	Z2075Q(S)(PF)-K	0.5	1.0		1.5	2.3		3.3		4.6	6.6	9.8
1"	Z2100Q(S)(PF)-K	0.5	0.9		1.5	2.2		3.1		4.3	6	8.2
Runtime (seconds)		30	37	41	43	49	51	55	58	62	68	75

1. PIQCV

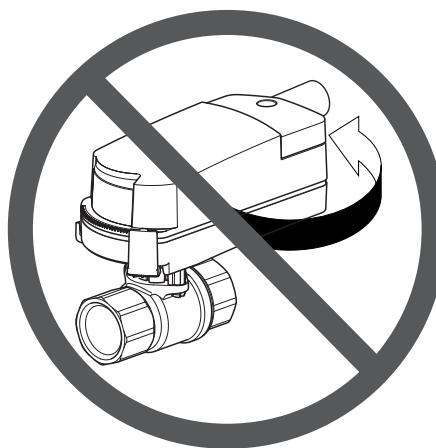


Valve Model (1/2")	Clip Position for Flow Adjustment (GPM)																			
	1	1+	2-	2	2+	3-	3	3+	4-	4	4+	5-	5	5+	6-	6	6+	N-	N	No Clip
Z2050QPT(PF)-B			0.1					0.2			0.3		0.4		0.5		0.6	0.7	0.8	0.9
Z2050QPT(PF)-D	0.2			0.3			0.4	0.5		0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.5	1.6	1.8	2.0
Z2050QPT(PF)-F				0.6		0.7	0.8	0.9	1.0	1.3	1.5	1.7	1.9	2.2	2.5	2.8	3.1	3.3	3.6	4.3
Valve Model 3/4"																				
Z2075QPT(PF)-G			1.6	1.8	2.1	2.4	2.7	3.0	3.3	3.7	4.0	4.4	4.9	5.3	5.8	6.3	6.7	7.2	7.7	9.0
Runtime	30	33	35	37	39	41	43	45	47	49	51	53	55	58	60	62	64	66	68	75

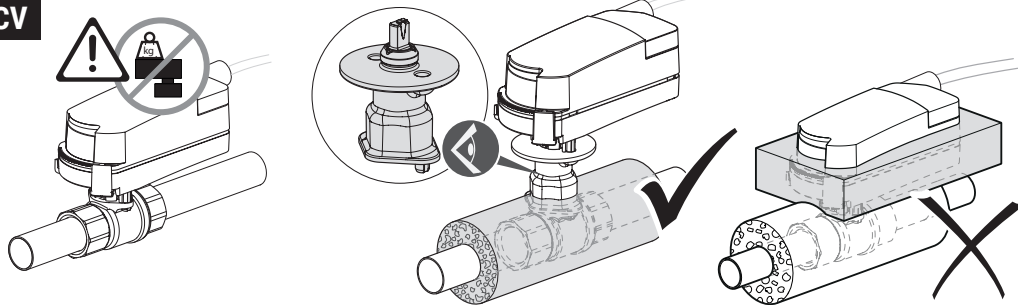
QCV/PIQCV Actuator Removal



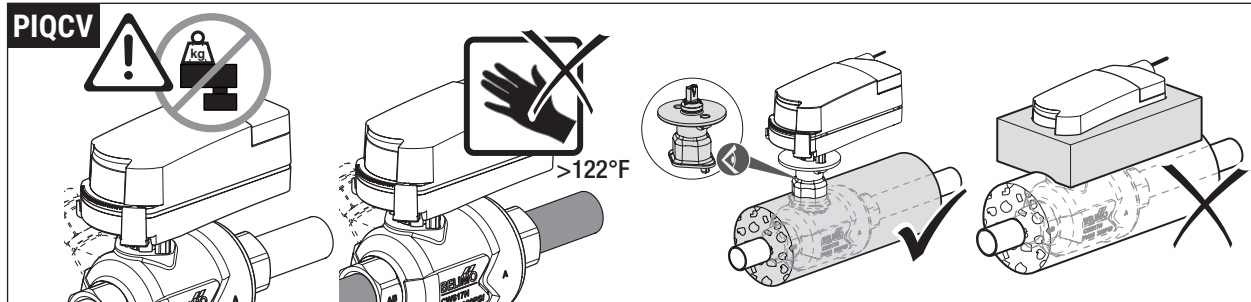
Pull Straight Up. Do not Twist to Remove.



QCV

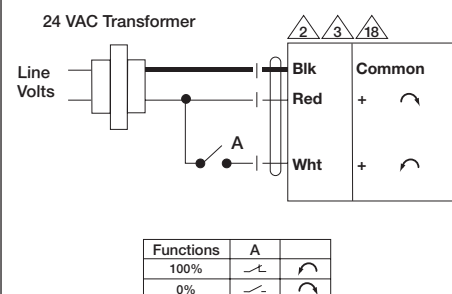


PIQCV

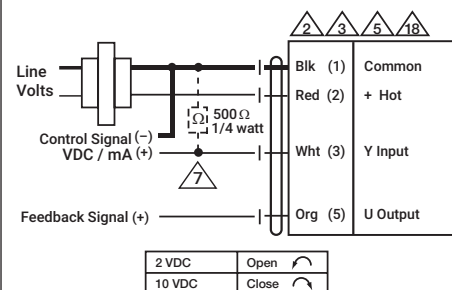


WIRING DIAGRAMS

CQ..24V, CQB24-3, CQB24-SR (-L) (-R)

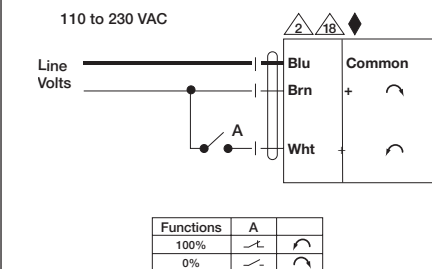


On/Off, CQB24-3

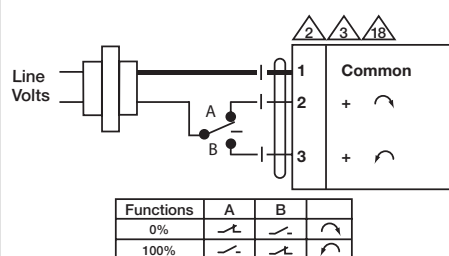


Proportional, CQB24-SR-L

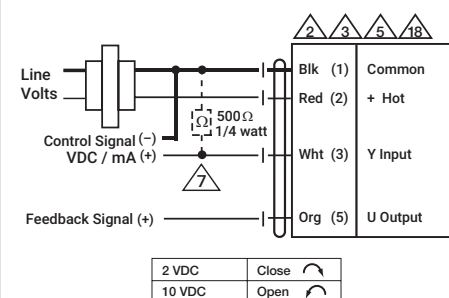
CQ..110-240V, CQBUP-3



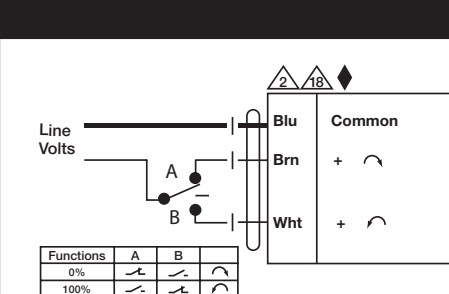
On/Off, CQBUP-3



Floating Point, CQB24-3



Proportional, CQB24-SR-R



Floating Point, CQBUP-3

Notes:

- Meets cULus requirements without the need of an electrical ground connection
- Actuators may be connected in parallel. Power consumption and input impedance must be observed.
- Actuators may also be powered by 24 VDC.
- Only connect common to neg. (-) leg of control circuits.
- A 500 Ω (ZG-R01) converts the 4 to 20 mA control signal to 2 to 10 VDC.
- Actuators with plenum rated cable do not have numbers on wires; use color codes instead.



WARNING:
This product can expose you to lead which is known to the State of California to cause cancer and reproductive harm. For more information go to

www.P65Warnings.ca.gov

WHT White
Blanco
Bianco
Branco

RED Red
Rojo
Rouge
Vermelho

BLK Black
Negro
Noir
Preto