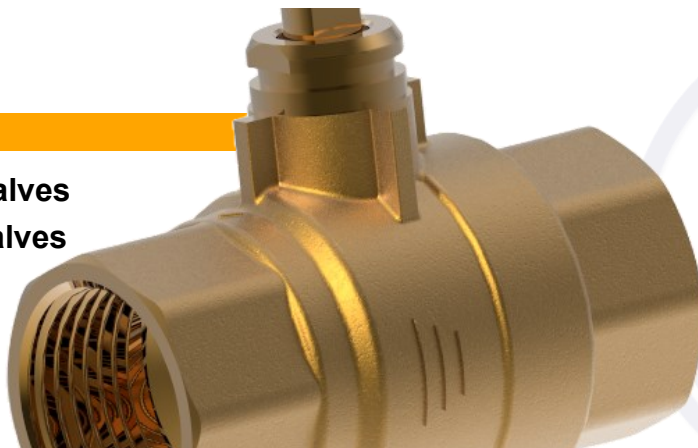


ZONE VALVES

ZVQ 2000 2-way valves

ZVQ 3000 3-way valves



Reliable
solutions for
HVAC
applications

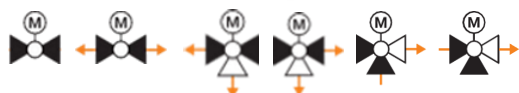
Simply
effective
in every
way

Zone valves ZVQ from HVACO product range are available as 2-way zone ball valves from DN15 to DN25 and also as a 3-way zone ball valves from DN20 to DN25.

Valves are suitable for long-lasting operation because of special sealing construction. Low operating torque of the valve prevents of the valve blocking.

ZVQ 2000, 2-way zone valves, are suitable for open/close and ZVQ 3000, 3-way zone valves, are suitable for diverting or changeover applications.

Zone valves ZVQ are motorized with actuators series AQ5 making a compact unit with high regulating accuracy and easy installation with a quick system that allows for assembly and disassembly the actuator in a simple, rapid, and secure way.



Valves you can trust - Shutting down problems, opening up solutions

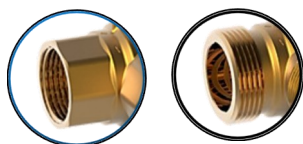
Features and options:

Valves:

- Internal or external thread
- 2-way valves
- 3-way horizontal / vertical valves
- DN15 ÷ DN25
- Low operating torque
- Quick connection to the actuator
- Tight-sealing valves prevents circulation losses
- Blow-out proof stem
- For open/close and diverting applications

Actuators:

- 2-point control / 3-point control
- Quick mounting of the actuator
- Mistake-proofing assembly of the actuator
- Compact and robust structure
- Running time 20s/90° ; 40s/90°
- Available with cable or Molex connector
- Available with or without manual control
- Flexible design with many customization options



Product range of zone valves

ZVQ 2000

2-way zone valves



ZVQ 3000HL

3-way zone valves L ball



ZVQ 3000HT

3-way zone valves T ball



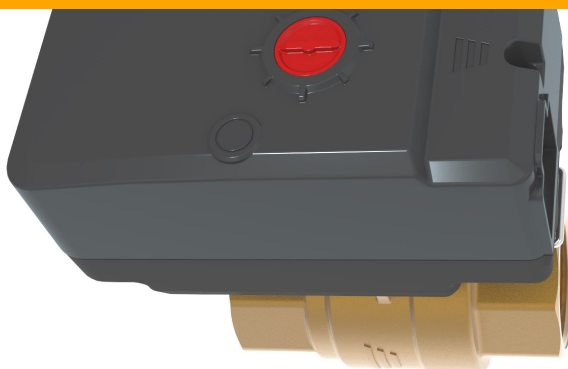
ZVQ 3000V

3-way zone valves L-L ball





- »All-in-one product
- »Compact design



- »Simplicity
- »Reliability and robustness
- »Quick mounting
- »High energy efficiency
- »High modularity

ZVQ2000 and ZVQ3000 valves are motorized with AQ5 series actuators forming compact zone units.



Actuators: Moving ideas into action

AQ5 actuators*



| Type | Control signal | Torque (Nm) | Running time | Voltage | Connection | Manual control |
|------------|----------------|-------------|--------------|---------|------------|----------------|
| AQ5F00M-2P | 2 Point | 5 Nm | 20s/90° | 230VAC | Molex | No |
| AQ5F00C-2P | 2 Point | 5 Nm | 20s/90° | 230VAC | Cable | No |
| AQ5F01M-2P | 2 Point | 5 Nm | 20s/90° | 230VAC | Molex | Yes |
| AQ5F01C-2P | 2 Point | 5 Nm | 20s/90° | 230VAC | Cable | Yes |

*Valves can also be used in combination with other actuators from the AQ5 product range.

Valve type code:

ZVQ 3120HL

L=L ball / T=T ball / L-L=L-L ball
V=vertical valve / H=horizontal valve
15=DN15 / 20=DN20 / 25=DN25 / 32=DN32
1=internal thread / 2=external thread / 3=comp.fittings
2=2-way / 3=3-way
Q=quick connection for the actuator
ZV=zone valve

AQ5 F00M-2P L

Valve position indication: L=3-wayHL, 3-wayV ; T=3-wayHT; not spec.=2-way
Control signal 2P=2-point, 3P=3-point, MC=Modulating
Connection: M=Molex, C=Cable
Manual control: 0=without manual control, 1=with manual control
Voltage: 0=230VAC, 1=24VAC, 2=24VAC/DC
Running time: F=20s/90°, G=40s/90°, H=55s/90°, I=110s/90°
AQ5=Actuator with quick connection, max.torque 5 Nm

2-way zone valves

| Type | DN | Connection | Kvs | |
|---------|----|------------|-----|--|
| ZVQ2115 | 15 | Rp 1/2" | 20 | |
| ZVQ2120 | 20 | Rp 3/4" | 45 | |
| ZVQ2125 | 25 | Rp 1" | 60 | |
| ZVQ2215 | 15 | G 3/4" | 20 | |
| ZVQ2220 | 20 | G 1" | 45 | |
| ZVQ2225 | 25 | G 1 1/4" | 60 | |

3-way zone valves L ball

| Type | DN | Connection | Kvs | |
|-----------|----|------------|-----|--|
| ZVQ3120HL | 20 | Rp 3/4" | 9 | |
| ZVQ3125HL | 25 | Rp 1" | 14 | |
| ZVQ3220HL | 20 | G 1" | 9 | |
| ZVQ3225HL | 25 | G 1 1/4" | 14 | |

3-way zone valves L-L ball

| Type | DN | Connection | Kvs | |
|----------|----|------------|-----|--|
| ZVQ3120V | 20 | Rp 3/4" | 9 | |
| ZVQ3125V | 25 | Rp 1" | 14 | |
| ZVQ3220V | 20 | G 1" | 9 | |
| ZVQ3225V | 25 | G 1 1/4" | 14 | |

3-way zone valves T ball

| Type | DN | Connection | Kvs (A-B) | Kvs (AB-B) | |
|-----------|----|------------|-----------|------------|--|
| ZVQ3125HT | 25 | Rp 1" | 16 | 8 | |
| ZVQ3132HT | 32 | Rp 1 1/4" | 25 | 12,5 | |
| ZVQ3225HT | 25 | G 1 1/4" | 16 | 8 | |
| ZVQ3232HT | 32 | G 1 1/2" | 25 | 12,5 | |

Product range of zone units

ZA5 2000-2P
2-way zone unit



ZA5 3000HL-2P
3-way zone unit L ball



ZA53000HT -2P
3-way zone unit T ball



ZA5 3000V-2P
3-way zone unit L-L ball

