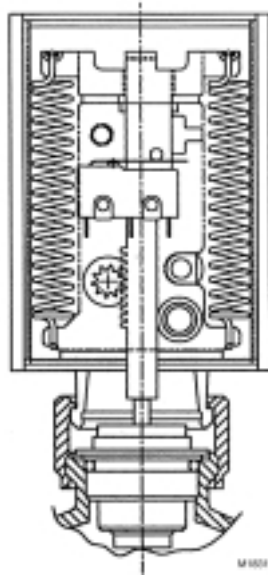


## PowerTrack™—Motorized Zone Valves



Pre-balance valve



Patented long life rack and pinion design with built in balancing valve.

PowerTrack is the first linear zone valve with a built-in balancing plug that permits pre-balancing for each zone.

- Rack and pinion linear design, no linkages to break.
- Fast acting, 10-12 seconds to open, 4 seconds to close.
- Low power consumption, 8 valves 40 VA transformer.
- External valve position indicator.
- Quiet operation, no water hammer.
- Built-in tamper resistant balancing valve for pre-balancing.
- High torque, constant speed synchronous motor.
- Cooler running, longer life motor with heavy duty gearbox.
- Operator can be replaced without draining system.
- Manual opening feature.
- Replaceable valve cartridge.
- Large adjustable flow 1/2 in. and 3/4 in.  $C_v$  5.8; 1 in. 7.0  $C_v$ ; 1-1/4 in.  $C_v$  7.0.
- Motor CSA recognized.
- 4 wire operator with auxiliary switch.
- 2 wire without switch, 12 in. leads.
- Compatible with most programmable thermostats.
- Bronze casting; brass/stainless trim. 3 year limited warranty.
- USA Patent Nos. 5,529,282; D369,650; 5,941,500; 6,032,924
- UK Patent No. 2,052,382
- Normally open valves, add NO to product numbers. i.e. MZV 525NO.

Application: Residential or commercial zoning for hot water heating or chilled water air conditioning systems, fan coil units or indirect water heater service.

Motor Ratings: 24 Vac; 60 Hz

Maximum Water Pressure: 125 psi; 862 kPa

Maximum Temperature: 115 C; 240 F

Material: Bronze

ORDER NUMBER	Size	Weight	Maximum Shutoff Pressure	Auxiliary Switch
MZV524-T	1/2 in. - NPT.	1.9 lb; 0.8 kg	20 psi	no
MZV524E-T				yes
MZV525	3/4 in.-sweat	1.7 lb; 0.8 kg		no
MZV525-T	3/4 in.- NPT	2.0 lb; 0.9 kg		yes
MZV525E	3/4 in.-sweat	1.7 lb; 0.8 kg		
MZV525E-T	3/4 in.- NPT	2.0 lb; 0.9 kg		
MZV526	1 in.-sweat		17.5 psi	no
MZV526-T	1 in.- NPT	2.5 lb; 1.4 kg		
MZV526E	1 in.-sweat	2.0 lb; 0.9 kg		yes
MZV526E-T	1 in.- NPT	2.5 lb; 1.4 kg		
MZV527	1 1/4 in.-sweat	2.2 lb; 1 kg		no
MZV527E				yes