



- NENUTEC is proud to offer the NVMZ motorized zone Valve. These valve are mainly use in the HVAC system to regulate the flow of water and steam in response to the demand of a controller.
- Complete range from DN 15 to DN 25
- 2 Way Normally Closed, Normally Open and 3 Way Mixing
- Forged brass body
- Bubble-tight shutoff conserves energy and accurately controls zone temperature for increased comfort
- High close-off pressure actuator satisfies demanding requirements of high-rise buildings and high-pressure pumping systems
- PN 16 or 232 PSI system operating pressure

Specifications

Valve Body Pressure Rating	232 psig (PN16 or 1,600 kPa) Meets Requirements of ANSI B16.15, Class 250		
Fluid / Ambient Temperature Limits	2 to 105 °C water at an Ambient Temperature of 40 °C		
Shipping & Storage Temperature Limits	-40 to 70 °C (-40 to 158 °F)		
Body Sizes, KV, Maximum Close off Pressure	Body Sizes	Flow Coefficients	Close Off Pressure (Kpa)
	DN 15	KV 1.6	414
	DN 20	KV 3.5	276
	DN 25	KV 5.5	208
Service	Chilled and Hot Water, up to 50% Glycol Solutions		
Motor	Synchronous		
Power Consumption	7 VA		
Valve Power Stroke	Power Stroke: 9 to 11 seconds Spring Return Stroke: 4 to 5 seconds		
Seat Leakage	0.05%		
Pipe Connection	BSP or NPT		
Body Materials	Body Stem Paddle Seal	Forged Brass Stainless Steel synthetic rubber EPT EPT	
Certification	CE and ISO 9000 (EN...requirements)		
Model Selection	See Tables 1		
Shipping Weights	1187 g (2.6lbs) maximum for complete assembly		

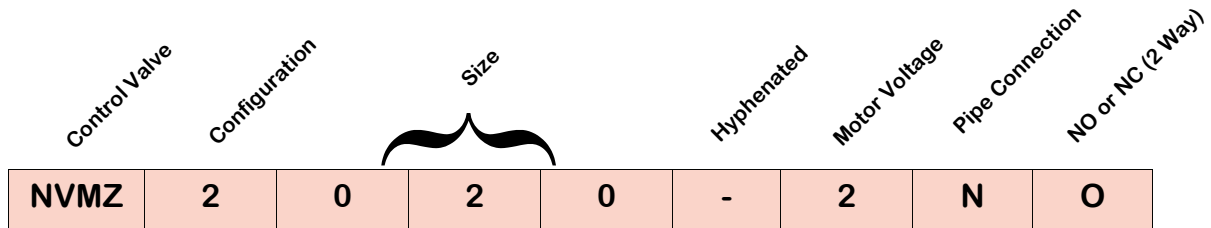


Table 1—Valve Code Number Designations

Valve Body Type
NVMZ = NENUTEC Motorised Zone Valve
Configuration
2 = 2-way 3 = 3-way
Valve Size
015 = DN 15 020 = DN 20 025 = DN 25
Motor Voltage
1 = AC 24 2 = AC 230
Pipe Connection
N = NPT B = BSP
Normal Open or Closed (For 2 Way Configuration Only)
O = Normally Open C = Normally Closed

Manual Operating Lever

All NVMZ Series motorised Valves are equipped with a manual operating lever. This lever:

- Allows the valve to be opened for system flushing before it is put into operation
- Prevents damage to the seating paddle on 3-way valves, and allows flushing of the system by maintaining the valve in the mid-position
- Resets to normal position the first time the valve is powered up

Head Office

TELIMA AG / NENUTEC
Schachenstrasse 80, Ch-8645, Jona, Switzerland
Tel: +41 55 224 4060 Fax: +41 55 224 4069
Email: info@telima.ch
website: www.nenutec.com

Asia/Pacific

NENUTEC Asia Pacific
32 Upper Serangoon View
#15-42 Singapore 534 209
Tel: +65 6489 1815 Fax: +65 6489 1816
Email: nenutec@singnet.com.sg