

### APPLICATION

The EQUA® series is used as bi-directional manual balancing valve in heating and cooling systems. Combination valve to replace the traditional ball valve. Specifically suited for isolation and balancing the terminal unit such as a radiant panel within a zone.

### SPECIFICATION

Working Pressure: PN16 up to 40°C, PN10 up to 70°C

Working Temperature: -15°C to 110°C

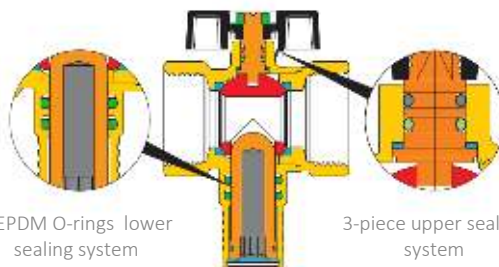
Size Range: ½" – 1"

Connections: Standard female & male according to UNI ISO 228/1

- Features:
- Visual Control System
  - 3 Seals: 1 PTFE ring - high pressure and 2 EPDM O-rings - low pressure
  - Patented Technology
  - 5 Years Warranty

- Material:
- Body, Stem, Ball & Pivot: Nickel-plated Brass CW617N(Pb<2.2%)
  - O-ring on the stem: HNBR
  - O-ring under the stem/Pivot: EPDM Peroxide
  - Nut: Zinc-plated steel
  - Locking Seeger: CK75

Compliance: Internal surfaces nickel-free, comply with European drinking water regulations



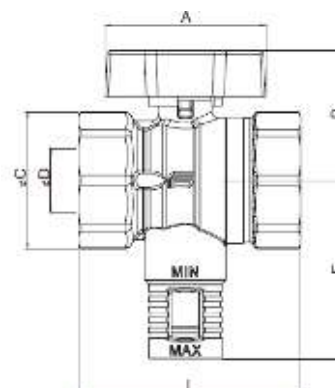
HEX key not included

- DN15/20 6mm
- DN25 8mm



### DIMENSIONS AND PRODUCT CODES

Valve Dimensions Per Product Code and Size			
Product Code	4E21R404	4E21R405	4E21R405
Nominal Diameter mm	15R	20R	25R
Size (inches)	1/2"	3/4"	1"
Ø D Bore mm	10	10	15.8
A mm	47	47	47
B mm	32	32	38
Ø C mm	27	33	40
L mm	47	54	65
E mm	40	40	53
CH mm	6	6	8
Kv Max. Pos.	5	5.2	11



### PERFORMANCE

Kv values (derived from fluid-dynamic software simulation)			
	DN15	DN20	DN25
MIN	0.37	0.36	0.61
Pos. 2	2.12	2.06	3.7
Pos. 3	3.76	3.63	6.66
Pos. 4	5.0	4.69	9.66
MAX	n.a.	5.2	11.0

