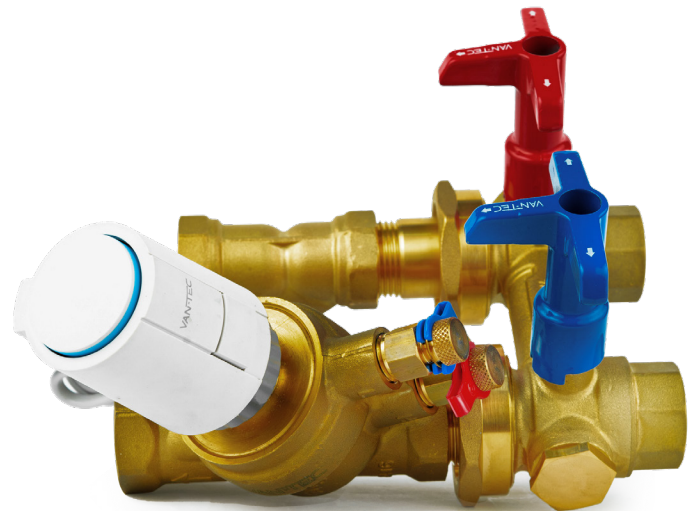


## VA813C ULTRA COMPACT FCU KIT (HOOK-UP) DZR PN25

The prefabricated and tested unit supplied complete and ready for installation.



### THE FCU KIT INCLUDES THE FOLLOWING COMPONENTS:



#### Hookup

A complete connection set to ensure efficient installation of the FCU unit.



#### PICV

(Pressure Independent Control Valve): A valve that maintains precise and consistent water flow, independent of system pressure fluctuations.



#### Actuator

An automatic control device for operating the valve, ensuring accurate flow management. On-Off, modulating or feedback actuators are available.



#### Flexible Hoses

Easy connection for supply and return.

### FEATURES AND BENEFITS

- ✓ The Hook-Up is compact and lightweight. Pressure independent control valve PICV.
- ✓ On-Off, modulating or feedback actuators. Built in flow measuring orifice.
- ✓ Stainless steel braided flexible hoses for supply and return connection 30cm as standard length.
- ✓ The standardized components with guaranteed tested performance Simple on-site connection.
- ✓ Fast connection of one complete assembly Comprising of two ball valves.
- ✓ Allows easy back flushing, forward flushing and isolation.
- ✓ Can be adapted to 1/2", 3/4" and 1" end connections.

- ✓ Full bore T-handle for supply and return bypass.
- ✓ The position of the T-handle gives clear Y-Strainer with Drain.
- ✓ High-quality corrosion-resistant materials. PTFE and EPDM seals for excellent sealing performance.
- ✓ Easy installation and maintenance. Designed for long service life.
- ✓ Suitable for HVAC systems and water control.
- ✓ All valves are subject to both a pressure test as well as a flow limitation test, in accordance to BSRIA. This provides reassurance of performance and accuracy.

## Technical Data

### Hydrostatic test Pressure

Shell- 37.5 bar

Seat- 27.5 bar

Nominal pressure: Max 2.5MPa

Nominal size: DN15-DN25

Operating Temperature: -20°~+120°C

Fluid: Hot or Cold Water

## Material Specification

No.	Name	Qty	Material	Remark
1	Body	1	DZR CZ132	
2	Bonnet	2	DZR CZ132	
3	Ball	2	HPb57-3	
4	Seat	4	PTFE	
5	Small Seat	4	PTFE	
6	Adapter	1	DZR CZ132	
7	O-Ring	2	EPDM	
8	Straight connector	1	DZR CZ132	
9	Union nut	2	CW617N	
10	O-Ring	1	EPDM	
11	Long tail piece	1	DZR CZ132	
12	Short tail piece	1	DZR CZ132	
13	Stem	1	DZR CZ132	
14	O-Ring	1	EPDM	
15	Screw	2	Q235A	
16-1	Handle	1	Aluminum Alloy	
16-2	Handle	1	Aluminum Alloy	
17	Strainer	1	DZR CZ132	

## Spare Parts

Valve T handle, 2 PCS

Drain valve handle

White rubber part for drain cap

Strainer mesh

## Dimensions in mm

Size	DN15	DN20	DN25
Thread	1/2"	3/4"	1"
L	149	152	186
L1	55	37.5	55
L2	120	101	121
L3	25	25	95.5
L4	86	87.7	105.2
B	80	80	80
D	64	64	64
H	81	82.5	82.5
E	18	19.5	19.5

