



Product Overview

The Blaze BT 1213 FCU Hook-Up is a compact, pre-assembled valve arrangement designed to simplify the installation and maintenance of Fan Coil Units (FCUs) in HVAC systems. Engineered for use with chilled or heating water, it allows efficient flow control, isolation, and flushing operations. Rated for PN 25 pressure and built with ISO 7 threaded connections, this unit ensures reliable operation under high-pressure and temperature conditions up to 100°C.

Material List

No.	Name	Material	Specification
1	Mesh	Stainless Steel	304
2	Clamping Ring	Stainless Steel	304
3	Gasket	PTFE	-
4	Valve Spool	DZR Brass	CW602N
5	Ball	DZR Brass	CW602N
6	Gasket	PTFE	-
7	Body	DZR Brass	CW602N
8	Hexagonal Nut	DZR Brass	CW602N
9	O Ring	NBR	-
10	Female Nut	DZR Brass	CW602N
11	Pin	DZR Brass	CW602N
12	Stem cover	ABS	-
13	Connecting Pin	DZR Brass	CW602N
14	Spacing Cover	ABS	-
15	Handwheel	Aluminium Alloy	-
16	Stem	Stainless Steel	304
17	Spring	Stainless Steel	304
18	Spring Seal	Brass	CW617N
19	Disc	NBR	-
20	Adjust Staff	DZR Brass	CW602N
21	Adjust Connector	DZR Brass	CW602N
22	Screw	Stainless Steel	304
23	Scale Cover	ABS	-
24	Handwheel	Aluminium Alloy	-
25	Handwheel Cover	ABS	-
26	Test Points	DZR Brass	CW602N
27	Connecting Belt	NBR	-
28	Wavy Tube	Stainless Steel	304
29	Orifice Plate	Stainless Steel	CW602N
30	Crisscross Screw	Stainless Steel	304
31	Gasket	PTFE	CW614N
32	Insulation Box	EPP	-



Disclaimer: The image shown in this data sheet is for illustration purposes only. The actual product may vary based on manufacturing standards and specifications.



Features

- Complete, compact valve assembly for FCU connections
- Supports both chilled water and hot water systems
- High pressure capacity: PN 25
- ISO 7 (BSPT) threaded pipe connections for secure installation
- Enables isolation, flushing, and commissioning of FCU
- Reduces installation time and site labor
- Compatible with vertical and horizontal FCU configurations
- Optional accessories include drain cocks, unions, strainers, and test points

Applications

- Fan Coil Unit (FCU) installations in HVAC systems
- Commercial buildings and office spaces
- Hotels, hospitals, and residential complexes
- Chilled water and hot water distribution systems
- Energy-efficient HVAC zones
- Retrofit and new construction projects

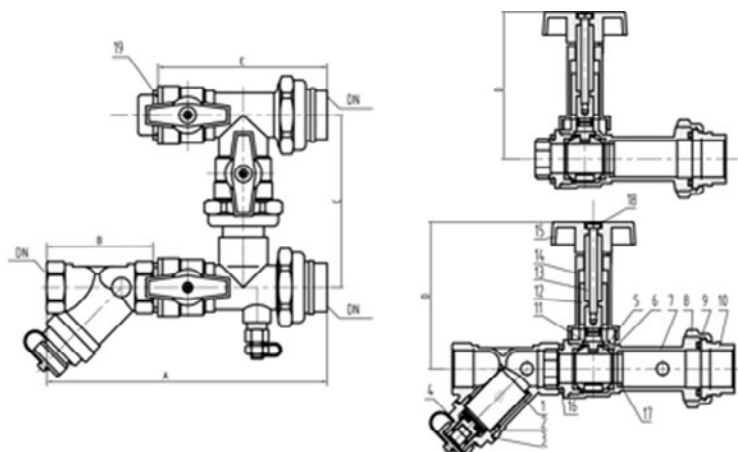
Technical Details

- Product Type: FCU Hook-Up (Valve Assembly)
- Working Pressure: PN 25
- Working Medium: Chilled or Heating Water
- Working Temperature: < 100°C
- Pipe Thread: ISO 7 (BSPT – British Standard Pipe Taper)
- Installation Orientation: Suitable for vertical or horizontal FCUs
- Components (typical): Ball valve, strainer, drain valve, union, and commissioning valve (as applicable)

Dimensions

DN	INCH	A	B	C	D	E
15	½"	168	65	160	0.14	
20	¾"	185	70	113	0.24	
25	1"	210	80	155	0.313	
32	1 1/4"	240	90	155	0.49	

Note: All dimensions are provided for informational purposes only. Please cross-check and confirm with the official technical drawings before installation or fabrication.



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