



BLAZE

FCU Hook Up

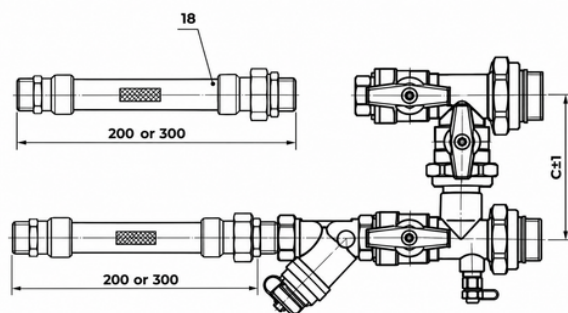
Model : BT 1213

Description:

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.

Specifications :

Size	½" to 4" (DN15–DN100)
Max. Working Pressure	25 bar (363 psi)
Working Temperature	< 100°C
Medium	Chilled or Heating Water
Body Material	Brass
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, & Commissioning Valve (as applicable)



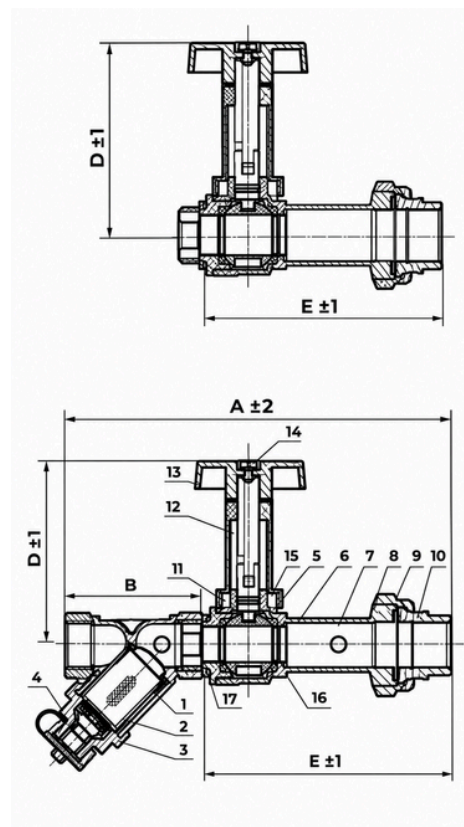
Applications :

- Fan Coil Unit (FCU) Installations in HVAC Systems
- Commercial Buildings & Office Spaces
- Hotels, Hospitals, & Residential Complexes
- Chilled Water & Hot Water Distribution Systems
- Energy-efficient HVAC Zones
- Retrofit & New Construction Projects

Dimensions :

DN	INCH	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
15	½"	170	65	100	96	105
20	¾"	185	70	113	96	112
25	1"	210	80	130	98	127
32	1¼"	240	90	130	100	177

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



BLAZETECH SYSTEMS LTD.

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Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

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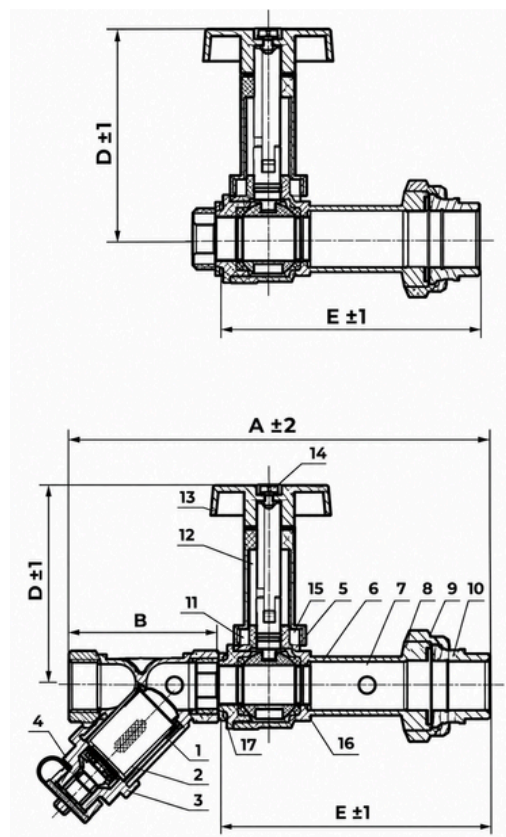
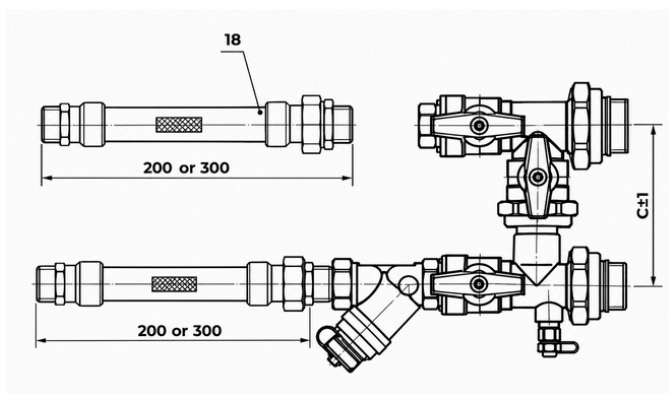
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Material Specifications :

No.	Name	Material
1	Mesh	Stainless Steel 304
2	Clamping Ring	Stainless Steel 304
3	Gasket	P.T.F.E
4	Valve Spool	DZR Brass CW602N
5	Ball	DZR Brass CW602N
6	Gasket	P.T.F.E
7	Body	DZR Brass CW602N
8	Hexagonal Nut	DZR Brass CW602N
9	O Ring	N.B.R

No.	Name	Material
10	Female Nut	DZR Brass CW602N
11	Pin	DZR Brass CW602N
12	Stem Cover	ABS
13	Handwheel	Aluminum Alloy
14	Stem	Stainless Steel 304
15	Gland Nut	DZR Brass CW602N
16	Orifice Plate	DZR Brass CW602N
17	Gasket	P.T.F.E
18	Flexible Tube	Stainless Steel 304

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