



## Flowmaster FC PN25

955/20

### On/Off control & automatic balancing valve

**ICV Flowmaster FC automatic control & balancing valve (2 in 1) has been designed especially for the balancing and control of cooling and heating fan coil units.**

**Size: DN15 - 25, PN25**

**Thread to BS 21**

#### Use:

For water to max. 120°C

#### Tests:

Hydraulic test to BS EN 12266

Seat: According to each aperture closure pressure difference.

Body: 1.5XPN

#### Marking:

Body: ICV logo, DN, PN, and flow direction.

Actuator: ICV logo, Voltage value.

#### Materials

Cap	DZR Brass CW602N
Body	DZR Brass CW602N
Cartridge	DZR Brass CW602N
Stem	Stainless steel
Flow range	Same as cartridge for Deltamatic (DN15-25)
Max.diff.pressure	7-600KPa (HP);7-350KPa (LP)
Ambient temp	-10-50°C
Max.diff.pressure	380KPa
Weight	700g
Actuator housing	ABS
Actuator force	80-130N
Running time	100-120S
Stroke	4mm
Power supply	24V/110V/230V
Power consumption	1.1W
Protection class	IP40/IP44
Weight	110g



Expect... **AVR**

The designs, materials and specifications shown are subject to change without notice due to our continuing programme of product development.

A Member of the AVK Group

DS955201706

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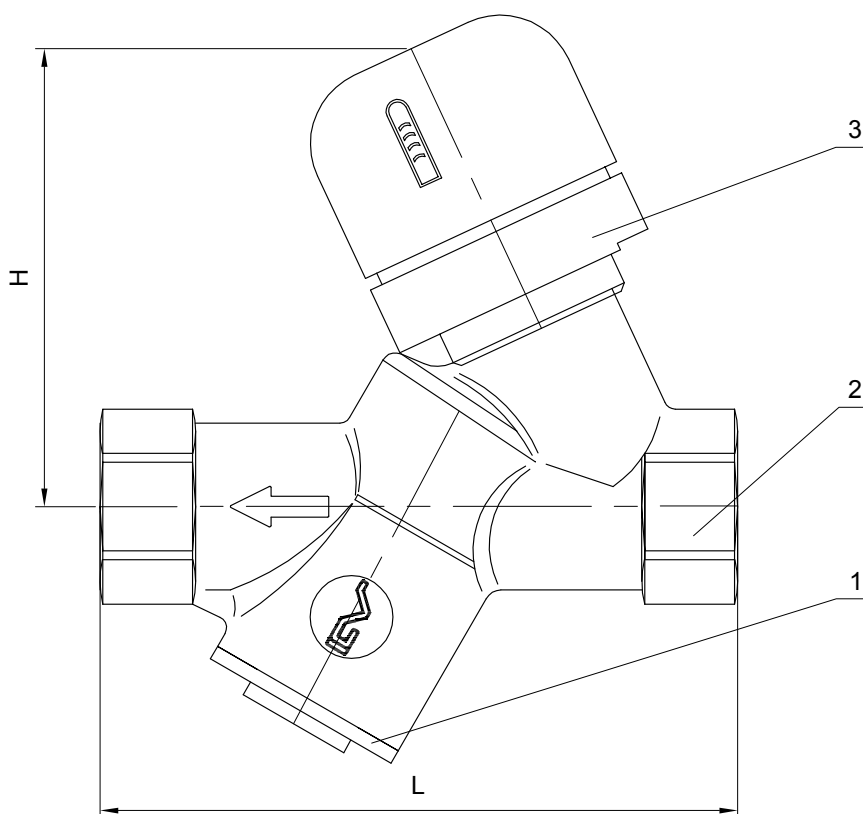
Size: DN15 - 25, PN25  
Thread to BS 21

**Component list**

1. Cap

2. Body

3. Housing



Ref.no	DN	L mm	H mm	Closing pressure KPa	Min DP KPa	Kvs m <sup>3</sup> /h	Weight Kgs
955020151-XXXX	15	110	75	380	7	4	1
955020201-XXXX	20	110	75	380	7	4	1
955020251-XXXX	25	120	75	380	7	4	1.2

XXXX-ICV Cartridges



ICV Flowmaster FC automatic control & balancing valve (2 in 1) has been designed especially for the balancing and control of cooling and heating fan coil units.

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Thread to BS 21

955 Cartridge

**Low pressure 0.007 l/s to 0.151 l/s**

Article no	Flow (l/s)	Min ΔP (kPa)
952-10 1 1150	0.007	7
952-10 1 1170	0.010	7
952-10 1 1190	0.012	7
952-10 1 1210	0.015	7
952-10 1 1230	0.021	8
952-10 1 1260	0.024	9
952-10 1 1290	0.029	10
952-10 1 1300	0.032	10
952-10 1 1320	0.036	11
952-10 1 1350	0.043	11
952-10 1 1370	0.049	12
952-10 1 1400	0.057	12
952-10 1 1430	0.067	12
952-10 1 1460	0.078	12
952-10 1 1490	0.089	13
952-10 1 1510	0.097	13
952-10 1 1540	0.111	13
952-10 1 1570	0.132	14
952-10 1 1620	0.151	14

**Low pressure 0.171 l/s to 0.260 l/s**

Article no	Flow (l/s)	Min ΔP (kPa)
952-11 1 1725	0.171	14
952-11 1 1730	0.186	14
952-11 1 1735	0.204	14
952-11 1 1740	0.222	16
952-11 1 1745	0.242	19
952-11 1 1750	0.260	21

**Low pressure 0.283 l/s to 0.680 l/s**

Article no	Flow (l/s)	Min ΔP (kPa)
952-20 1 2070	0.283	22
952-20 1 2074	0.300	22
952-20 1 2077	0.332	22
952-20 1 2082	0.371	23
952-20 1 2086	0.412	23
952-20 1 2088	0.439	23
952-20 1 2092	0.493	24
952-20 1 2094	0.509	24
952-20 1 2099	0.578	25
952-20 1 2103	0.625	26
952-20 1 2106	0.644	27
952-20 1 2109	0.680	28

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