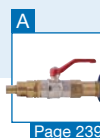


Measuring and line fittings

Vanitus Eco



- Fixed, calibrated measuring unit for accurate adjustment of the volume flow
- Fully adjustable
- With shut-off and drain function



Application For adjusting the volume flow directly, e.g. with the measuring instruments HMG 01/10/100 for hydraulic balancing.

Description Screw fitting with measuring function, angled or straight design, with fixed calibrated measuring unit for measuring and adjusting the volume flow. Fully adjustable with adjustment key. Vanitus Eco can be retrofitted as a temperature control valve (e.g. for thermoactive ceilings).

The optimum volume flow is to be determined by means of a calculation program and can then be directly measured and adjusted with the HMG series measuring instruments.

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Technical specifications

System connection

See ordering table

Nominal pressure

Max. 16 bar

Nominal diameter

DN 15, DN 20, DN 25

Operating temperature range











Medium: $T_{\max} = 120 \text{ }^{\circ}\text{C}$

Housing

Brass/gunmetal

Measuring and line fittings

Vanitus Eco

DG: V, PG: 2	Version	Nominal width	Connection	Flow rate range (m ³ /h)	Flow coefficient* (m ³ /h)			Part no.	Price €
Vanitus Eco S for small water volumes									
	Angled	DN 15	Rp $\frac{1}{2}$ x R $\frac{1}{2}$	0.006 - 0.13	0.25	1	-	481 921	
	Straight	DN 15	Rp $\frac{1}{2}$ x R $\frac{1}{2}$	0.006 - 0.13	0.25	1	-	481 971	
	Version BG with male thread at both ends					1	-	xxx 8xx	
Vanitus Eco M for medium water volumes									
	Angled	DN 15	Rp $\frac{1}{2}$ x R $\frac{1}{2}$	0.02 - 0.40	0.71	1	-	481 922	
	Straight	DN 15	Rp $\frac{1}{2}$ x R $\frac{1}{2}$	0.02 - 0.40	0.71	1	-	481 972	
	Version BG with male thread at both ends					1	-	xxx 8xx	
Vanitus Eco L for large water volumes									
	Angled	DN 15	Rp $\frac{1}{2}$ x R $\frac{1}{2}$	0.02 - 0.40	1.0	1	-	481 923	
	Straight	DN 15	Rp $\frac{1}{2}$ x R $\frac{1}{2}$	0.02 - 0.40	1.0	1	-	481 973	
	Version BG with male thread at both ends					1	-	xxx 8xx	
Vanitus Eco Lmax for large water volumes									
	Straight	DN 20	Rp $\frac{3}{4}$ x R $\frac{3}{4}$	0.06 - 1.20	2.0	1	-	481 984	
	Version BG with male thread at both ends					1	-	xxx 8xx	
Vanitus Eco XL for very large water volumes									
	Straight	DN 15	Rp $\frac{1}{2}$ x R $\frac{1}{2}$	0.71 - 2.34	2.34	1	-	782 420	
		DN 20	Rp $\frac{3}{4}$ x R $\frac{3}{4}$	2.15 - 3.96	3.54	1	-	782 530	
		DN 25	Rp1 x R1	2.60 - 5.32	6.00	1	-	782 640	
	Version BG with male thread at both ends					1	-	xxx xx6	

* The flow coefficient corresponds to the water flow in m³/h through the valve at a given valve stroke (proportional offset, e.g. 1 K or 2 K) and a differential pressure of 1 bar.

**Extra charge added to standard version in €. Replace the specified digit in the standard part number with this number when ordering.