

The Kytola® Model 3630 Constant Flow Regulator is a sturdy, industrial constant flow regulator.

It is designed to provide a constant flow of liquids in applications where supply or backpressure varies and to provide a constant flow of gases in applications where backpressure varies.



Model 3630 equipped with model L flow meter

- For liquid and gas
- High performance
- Reliable operation
- Easy maintenance
- Max. flow  
1.5 L/min H<sub>2</sub>O  
60 NL/min air (6 barg)

ISO 9001 ISO 14001

## CONSTANT FLOW REGULATOR 3630

Model 3630 is a membrane type differential pressure controller. It is supplied with Model L variable area flow meter for flow rate indication and setting.

### FEATURES

Aluminium or stainless steel construction

Vertical installation

Competitively priced

### TYPICAL APPLICATIONS

Water purging for instruments

Air purging in level measurements

Gas purging in  $\Delta p$  measurements

### OPTIONS

Thread adapters

Flow alarm

**Model 3630**

Max. flow	1.5 L/min H <sub>2</sub> O, 60 NL/min air at 6 bar(g)	Membrane plate	Nylon (PA 6) (*PVDF)
Max. diff. pressure	10 bar	Membrane	EPDM
Max. static pressure	20 bar	Mesh	PTFE
Min. pressure difference	2 bar	Seals	Nitrile (*Viton, EPDM)
Max. temperature	75°C (*80°C)	Installation position	Vertical
Body	Aluminium or stainless steel AISI 316	Connections	G 1/4" or NPT 1/4"
Spring	Stainless steel AISI 316	Weight	0.5 kg (aluminium body), 1.1 kg (AISI 316 body)

\*) Special construction on request

3630 ■ - ■ - ■ - ■ - ■

**Regulator Material**

Aluminium (not for H<sub>2</sub>O) **A**  
 AISI 316 **H**

**Connections**

G 1/4" *standard, leave empty*  
 NPT 1/4" **N**

**Flow Range**

H <sub>2</sub> O L/min	Air NL/min	
15 – 80 mL/min	0.5 – 2.5*	<b>4C</b>
0.01 – 0.13	0.5 – 6*	<b>5K</b>
0.01 – 0.2	0.5 – 7*	<b>5A</b>
0.025 – 0.325	1 – 10*	<b>5B</b>
0.05 – 0.5	2 – 14*	<b>5C</b>
0.1 – 0.75	3 – 20*	<b>8T</b>
0.1 – 1	5 – 30*	<b>8M</b>
0.2 – 1.6	10 – 50*	<b>8P</b>
Factory assigned model number for special range		<b>XX</b>

**Scale**

H<sub>2</sub>O (L/min) at +20°C **A**  
 Relative scale 1–10 **D**  
 Factory assigned model number for special scale **XX**

**Flow Tube Material**

Acrylic **A**  
 Grilamid TR55 **G**

**Special Features**

Hand knob in valve **H**  
 Viton® seals **V**

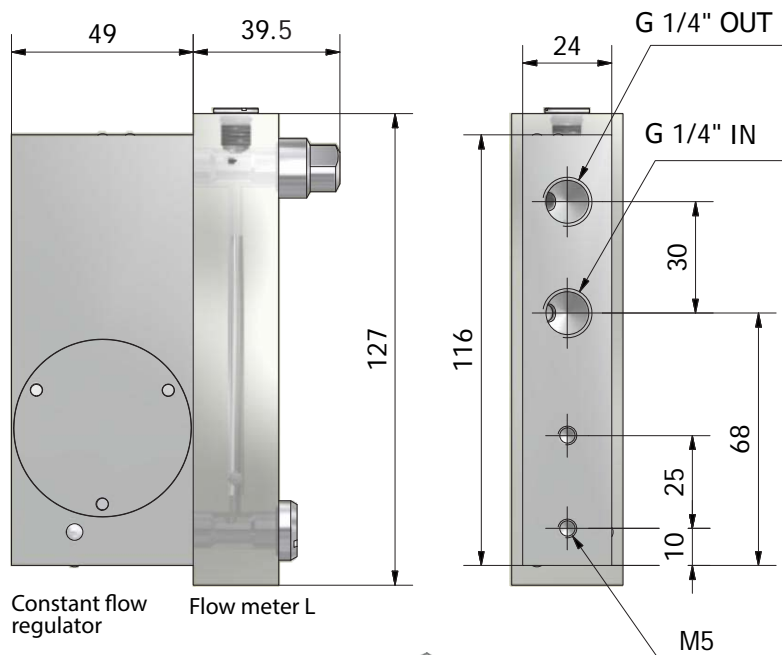
\*Example air ranges at +20°C / 1.013 bar (abs)  
 for calibration purpose only.

**NOTE:** When ordering special flow meters (range or scale or both), process conditions must be mentioned as shown in the special product code example below.

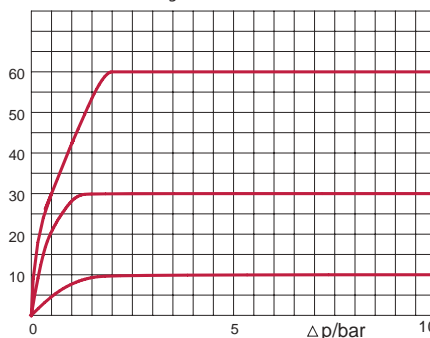
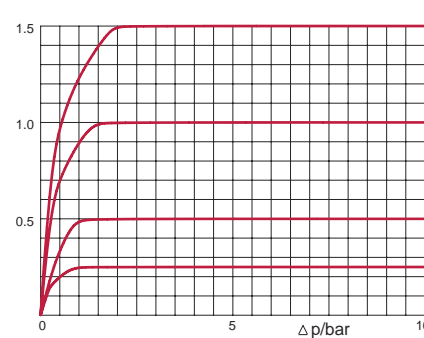
**NOTE:** The gas scale always has to be calibrated according to the actual medium, inlet pressure, and temperature. Δp over the regulator must be ≥ 2 bar.

**PRODUCT CODE EXAMPLES**

Standard product code 3630H-8TA-AHV  
 Special product code 3630A-N-XXXX-AH  
 Medium CO<sub>2</sub>  
 Max flow rate 13 NL/min  
 Min flow rate 1 NL/min  
 Inlet pressure 5 bar(g)  
 Operating temperature +20°C



NL/min Air at 6 barg

L/min H<sub>2</sub>O

PERFORMANCE

**Kytola**  
INSTRUMENTS

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