

KYTOLA® Model 2914 Constant Flow Regulator is a sturdy, industrial constant flow regulator. It is designed to provide constant flow of medium volume liquid flows in applications where supply or back pressure varies.



Model 2914 equipped with model VL flow meter

- For liquid
- High performance, reliable operation
- Easy maintenance
- Optional Model VL flow meter for flow rate setting and monitoring

ISO 9001 ISO 14001

CONSTANT FLOW REGULATOR 2914

The regulator is a membrane type differential pressure controller with a built-in needle valve for flow adjustment. It is usually supplied with Model VL variable area flow meter.

FEATURES

- Two-piece stainless steel construction
- Competitively priced

TYPICAL APPLICATIONS

- Control of seal waters
- Control of flush waters
- Batching of liquids
- Water purging

OPTIONS

- High Δp model
- Thread adapters

Model 2914

Max. flow	5.3 USGPM (20 L/min) H ₂ O
Nominal flow	3.7 USGPM (14 L/min) H ₂ O
Max. differential pressure	174 psi (12 bar), *290 psi (20 bar)
Max. static pressure	363 psi (25 bar)
Pressure drop at nominal flow	44 psi (3 bar)
Max. temperature	194°F (90°C), momentary 248°F (120°C)
Body	AISI 316
Valve	AISI 316
Spring	AISI 316
Membrane	EPDM
Seals	Nitrile
Connections	G 1/2" or NPT 1/2"
Installation position	Any required
Weight	4 lbs. (1.8 kg)



*Special construction on request

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Differential Pressure

Max 174 psi (12 bar)	<i>blank</i>
Max 290 psi (20 bar)	D

Valve Size

2 mm valve for flow rates 0.5 USGPM (2 L/min) or below	2
3 mm valve for flow rates 1.3 USGPM (5 L/min) or below	3
6 mm valve for flow rates 2.6 USGPM (10 L/min) or below	6
9 mm valve for flow rates above 2.6 USGPM (10 L/min)	9

Connections

G 1/2"	<i>blank</i>
NPT 1/2"	N

Options

Without adapter	<i>blank</i>
With adapter for connecting to model VL flow meter	VL

Standard feature: leave *blank*
Special feature: choose Character

NOTE: Model 2914D has a small bypass flow through the regulator when the flow adjustment valve is shut to prevent damages of the membrane.

NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.

