

# Control Valves

Engineering Service  
Research & Development



**Global Leader of Control & Shut-off Valve**

**SeoJeon Valmac. Co., Ltd**

# Introduction

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SEOJEON VALMAC CO., LTD (<sup>SEOJEON</sup> **Vaimac**) is established in 1981 and engaged in supplying its quality products of **Control & Special Valves** for the Oil, Gas, Refinery, Petro-chemical, Steel, Pulp & Paper, Nuclear & Thermal Power plants ,. etc

<sup>SEOJEON</sup> **Vaimac** is leading company for its business products in **Korea** with its qualified equipment, manpower and technical capability to design, manufacture and test.

These products are manufactured in our modern facilities where the quality is rigidly controlled in conformance to **all applicable codes, standards and design** criteria demanded by our licensors and clients.

<sup>SEOJEON</sup> **Vaimac** quality systems are integral to all designs, procurement, manufacturing administration, and clients service functions are conducted within a comprehensive **ISO 9001** and **API Q1** quality assurance system.

We, <sup>SEOJEON</sup> **Vaimac** will keep trying in order to maintain the best quality of products, satisfaction of costs and the worldwide leader in the **Flow Control Valve and System**



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API Monogram



CE Mark



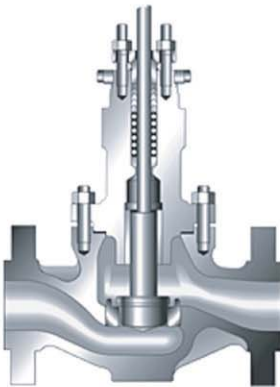
ISO 9001&14001



Fire Safety & Power Plant

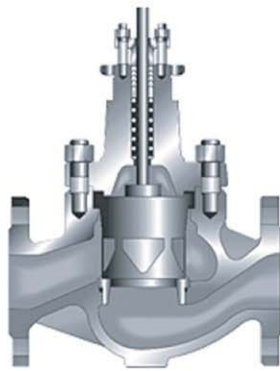
# Product Item

## Globe Control Valves



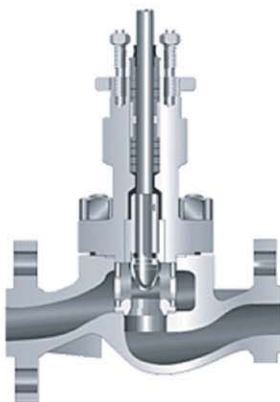
### Top Guided Single Seat Type VM-1100

<b>Fluids</b>	Water, Steam, Oil, Chemical, etc...
<b>Valve Sizes</b>	1/2"(15A)...8"(200A)
<b>Rating &amp; Classes</b>	JIS 10K...20K, ANSI 150Lb...300Lb, DIN PN10...PN25
<b>Connections</b>	Flanged, welded, Thread
<b>Materials</b>	Body Carbon Steel, Stainless Steel, Alloy, etc...
	Trim Stainless Steel, Alloy, etc...
<b>Temperatures</b>	1.4°F(-17°C)...+446°F(+230°C), Other
<b>Seat Leakages</b>	Class III,IV,V(VI: Soft Seat)
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric



### Balanced Cage Type VM-1300

<b>Fluids</b>	Water, Steam, Air, Oil, Chemical, etc...
<b>Valve Sizes</b>	1-1/2"(40A)...18"(450A)
<b>Rating &amp; Classes</b>	JIS 10K...63K, ANSI 150Lb...900Lb, DIN PN10...PN60
<b>Connections</b>	Flanged, Welded, Thread
<b>Materials</b>	Body Carbon Steel, Stainless Steel, Alloy, etc...
	Trim Stainless Steel, Alloy, etc...
<b>Temperatures</b>	1.4°F(-17°C)...+446°F(+230°C), Other
<b>Seat Leakages</b>	Class III,IV,V(VI : Soft Seat)
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric



### Cage Guided Single Seat Type VM-1400

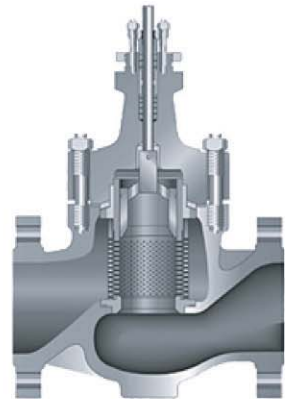
<b>Fluids</b>	Water, Steam, Air, Oil, Chemical, etc...
<b>Valve Sizes</b>	1/2"(15A)...3"(80A)
<b>Rating &amp; Classes</b>	JIS 10K...40K, ANSI 150Lb...600Lb, DIN PN10...PN40
<b>Connections</b>	Flanged, welded, Thread
<b>Materials</b>	Body Carbon Steel, Stainless Steel, Alloy, etc...
	Trim Stainless Steel, Alloy, etc...
<b>Temperatures</b>	1.4°F (-17°C)...+446°F(+230°C), Other
<b>Seat Leakages</b>	Class III,IV,V(VI : Soft Seat)
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric



# Globe Control Valves

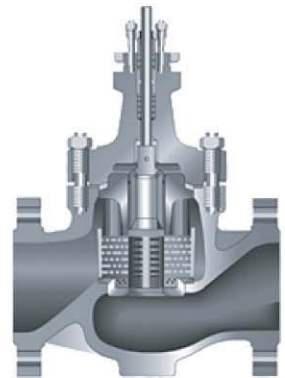
## Multi Hole, Multi Stage Cage Type VM-1320

<b>Fluids</b>	Water, Steam, Air, Oil, Chemical, etc...
<b>Valve Sizes</b>	1-1/2"(40A)...18"(450A)
<b>Rating &amp; Classes</b>	JIS 10K...63K, ANSI 150Lb...2500Lb, DIN PN10...PN250
<b>Connections</b>	Flanged, welded, Thread
<b>Materials</b>	Body Carbon Steel, Stainless Steel, Alloy, etc...
	Trim Stainless Steel, Alloy, etc...
<b>Temperatures</b>	1.4°F(-17°C)...+446°F(+230°C), Option:...+1,050°F(+565°C)
<b>Seat Leakages</b>	Class III,IV,V(VI : Soft Seat)
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric



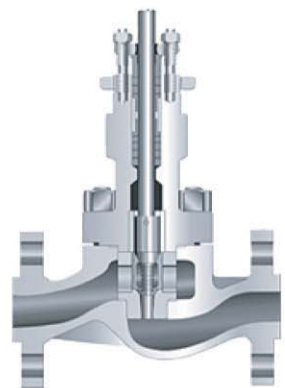
## Anti-Cavitation CREA® Type VM-1330

<b>Fluids</b>	Water, Steam, Air, Oil, Chemical, etc...
<b>Valve Sizes</b>	1-1/2"(40A)...18"(450A)
<b>Rating &amp; Classes</b>	JIS 10K...63K, ANSI 150Lb...2500Lb, DIN PN10...PN250
<b>Connections</b>	Flanged, welded, Thread
<b>Materials</b>	Body Carbon Steel, Stainless Steel, Alloy, etc...
	Trim Stainless Steel, Alloy, etc...
<b>Temperatures</b>	1.4°F(-17°C)...+446°F(+230°C), Option:...+1,050°F(+565°C)
<b>Seat Leakages</b>	Class III,IV,V
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric



## SIMPAC® Single Seat Type VM-1410

<b>Fluids</b>	Water, Steam, Air, Oil, Chemical, etc...
<b>Valve Sizes</b>	1/2"(15A)...3"(80A)
<b>Rating &amp; Classes</b>	JIS 10K...63K, ANSI 150Lb..900Lb, DIN PN10...PN60
<b>Connections</b>	Flanged, welded, Thread
<b>Materials</b>	Body Carbon Steel, Stainless Steel, Alloy, etc...
	Trim Stainless Steel, Alloy, etc...
<b>Temperatures</b>	1.4°F(-17°C)...+446°F(+230°C), Other
<b>Seat Leakages</b>	Class III,IV,V(VI : Soft Seat)
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric



# Product Item

## Globe Control Valves



### Cryogenic Type VM-1500

<b>Fluids</b>	Liquid Nitrogen, Liquid Oxygen, Liquid Natural Gas, etc...
<b>Valve Sizes</b>	1/2"(15A)...18"(450A)
<b>Rating &amp; Classes</b>	JIS 10K...63K, ANSI 150Lb...2500Lb, DIN PN10...PN250
<b>Connections</b>	Flanged, Welded, Thread
<b>Materials</b>	Body Stainless Steel, Alloy, etc... Trim Stainless Steel, Alloy, etc...
<b>Temperatures</b>	-320°F(-196°C)...+446°F(+232°C), Other
<b>Seat Leakages</b>	Class III,IV,V(Soft:VI)
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric



### Bellow-Seal Type VM-1600

<b>Fluids</b>	Air, Oil, Gas, Chemical, etc...
<b>Valve Sizes</b>	1/2"(15A)...18"(450A)
<b>Rating &amp; Classes</b>	JIS 10K...20K, ANSI 150Lb...300Lb, DIN PN10...PN25
<b>Connections</b>	Flanged, Welded, Thread
<b>Materials</b>	Body Carbon Steel, Stainless Steel, Alloy, etc... Trim Stainless Steel, Alloy, etc...
<b>Temperatures</b>	1.4°F(-17°C)...+1050°F(+565°C),Option:...+1650°F(+899°C)
<b>Seat Leakages</b>	Class III,IV,V(Soft:VI)
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric



### Three-Way(Mixing & Divert) Type VM-3100 & VM-3200

<b>Fluids</b>	Water, Steam, Air, Oil, Gas, Chemical, etc...
<b>Valve Sizes</b>	1/2"(15A)...16"(400A)
<b>Rating &amp; Classes</b>	JIS 10K...40K, ANSI 150Lb...600Lb, DIN PN10...PN40
<b>Connections</b>	Flanged, Welded, Thread
<b>Materials</b>	Body Carbon Steel, Stainless Steel, Alloy, etc... Trim Stainless Steel, Alloy, etc...
<b>Temperatures</b>	1.4°F(-17°C)...+446°F(+230°C), Other
<b>Seat Leakages</b>	Class III,IV,V(Soft:VI)
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric

# Globe Control Valves

## Micro Flow Type VM-4100

<b>Fluids</b>	Water, Steam, Air, Gas, Chemical, etc...	
<b>Valve Sizes</b>	1/4"(6A)...1"(25A)	
<b>Rated Cv</b>	Rated Cv 0.1...0.00008	
<b>Rating &amp; Classes</b>	JIS 10K...63K, ANSI 150Lb...2500Lb, DIN PN10...PN250	
<b>Connections</b>	Flanged, Welded, Thread	
<b>Materials</b>	Body	Carbon Steel, Stainless Steel, Alloy, etc...
	Trim	Stainless Steel, Alloy, etc...
<b>Temperatures</b>	23°F(-5°C)...+446°F(+230°C)	
<b>Seat Leakages</b>	Class III,IV,V(Soft:VI)	
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric	



## Diaphragm Style Type VM-5100

<b>Fluids</b>	Metal-Reactive Media, Environmentally Critical Media, Anti-Adhesive Wetted, Corrosion Chemical, etc...	
<b>Valve Sizes</b>	1/2"(15A)...4"(100A)	
<b>Rating &amp; Classes</b>	JIS 10K, ANSI 150Lb, DIN PN10...PN16	
<b>Connections</b>	Flanged	
<b>Materials</b>	Body	Cast Iron, Carbon Steel, Stainless Steel, PVDF, etc...
	Lining	PFA, PTFE, PFA, Rubber
	Diaphragm	PTFE, PEA, Rubber
<b>Temperatures</b>	-76°F(-60°C)...+356°F(+180°C)	
<b>Seat Leakages</b>	Class V,VI	
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric	



## Angle Pattern Type VM-7300

<b>Fluids</b>	Water, Steam, Air, Gas, etc...	
<b>Valve Sizes</b>	1/2"(15A)...16"(400A)	
<b>Rating &amp; Classes</b>	JIS 10K...63K, ANSI 150Lb...2500Lb, DIN PN10...PN250	
<b>Connections</b>	Flanged, welded	
<b>Materials</b>	Body	Carbon Steel, Stainless Steel, Alloy, etc...
	Trim	Stainless Steel, Alloy, etc...
		-1.4°F(-17°C)...+446°F(+230°C)
<b>Temperatures</b>	Option:...+1050°F(+565°C)...+ 1650°F(+899°C)	
<b>Seat Leakages</b>	Class III, IV,V	
<b>Actuators</b>	Multi Spring Diaphragm, Pneumatic, Electric	

