



Valve Unit VA-11

Automatic Valve Valve Unit VA-11 Series

FLOM's standard automatic valve series for general use. Useful in a variety of applications from general analysis, to fractionating high-speed analytical applications.

Features

- multiple flow patterns can be adapted to your specific analytical setup
- can be setup with a variety of flow diameters from micro-analysis to fractionating applications
- can be configured with inert materials for fluid contact areas
- useful for UHPLC chromatography
- over 300 different types of valve heads available ^{*1}

Product name	Valve Unit
Part number	VA-11
Automatic control	Direct drive by DC motor
Switching Modes	2 port switching, rotary
Manual Input	Position change, position, reset
Remote input/output	Drive Input: position change, position selection, home position reset, CPU reset Status Output: port position, Error
Voltage range	AC100~240V 50/60Hz
Dimensions (mm)	144(H) x 79(W) x 285(D) (excluding protuberances)
Weight	2.3kg

^{*} The specifications and product design may change without prior notice.

^{*} Due to continual product improvements, latest models may differ somewhat from the pictures/descriptions in the User's Manual and the FLOM catalog.

^{*} For custom specifications, contact FLOM.

Part number	VA-11-385	VA-11-386	VA-11-65	VA-11-66	VA-11-68	VA-11-76
Application	superfast 6 port analytical	superfast 6 port analytical	6 port analytical	6 port analytical	6 port analytical	6 port analytical
Description	super hi pressure SS	durable ceramic, hi pres SS	Standard Hi Pres SS	Standard inert	Standard SS, M8	Inert, M8
Path position	 6 port 2 position					
Max pressure	125MPa (18000psi)	104MPa (15000psi)	35MPa (5000psi)	20MPa (2900psi)	10MPa (1450psi)	10MPa (1450psi)
Wetted materials	SS, high pressure polymer	SS, PEEK, Ceramic	SS, PEEK	PEEK (SS exterior)	SS, PEEK	PEEK (SS exterior)
Tube OD	1/16"	1/16"	1/16"	1/16"	3.0mm, 1/8"	3.0mm, 1/8"
Path diameter	0.25mm (0.01")	0.4mm (0.016")	0.6mm (0.024")	0.6mm (0.024")	2.0mm (0.079")	2.0mm (0.079")
Order code	SAV-VA-11-385	SAV-VA-11-386	SAV-VA-11-65	SAV-VA-11-66	SAV-VA-11-68	SAV-VA-11-76

Part number	VA-11-213	VA-11-140	VA-11-120	VA-11-127	VA-11-108
Application	4 port analytical	4 port analytical	Dual 3 port 2 way	1-8 rotary	1-12 rotary
Description	Standard high pressure SS	Standard inert	Standard SS	Low pressure, inert, M8	Standard SS
Path position	 4 port 2 position		 Dual 3 port 2 way	 8 port selector	 12 port selector
Max pressure	35MPa (5000psi)	20MPa (2900psi)	20MPa (2900psi)	5MPa (725psi)	15MPa (2175psi)
Wetted materials	SS, PEEK	PEEK (SS exterior)	SS, PEEK	SS, PEEK	SS, PEEK
Tube OD	1/16"	1/16"	1/16"	1/8"	1/16"
Path diameter	0.6mm (0.024")	0.6mm (0.024")	0.6mm (0.024")	1.4mm (0.055")	0.6mm (0.024")
Order code	SAV-VA-11-213	SAV-VA-11-140	SAV-VA-11-120	SAV-VA-11-127	SAV-VA-11-108

Part number	VA-11-249	VA-11-141	VA-11-67	VA-11-74	VA-11-69	VA-11-77
Application	1-4 rotary	1-4 rotary	1-6 rotary	1-6 rotary	1-6 rotary	1-6 rotary
Description	Standard SS	Standard Inert	Standard hi pres SS	Standard Inert	Lo pres SS, M8	Lo pres inert, M8
Path position	 4 port selector		 6 port selector			
Max pressure	20MPa (2900psi)	20MPa (2900psi)	40MPa (5800psi)	15MPa (2175psi)	5MPa (725psi)	5MPa (725psi)
Wetted materials	SS, PEEK	PEEK (SS exterior)	SS, PEEK	PEEK (SS exterior)	SUS, PEEK	PEEK (SS exterior)
Tube OD	1/16"	1/16"	1/16"	1/16"	3.0mm, 1/8"	3.0mm, 1/8"
Path diameter	0.6mm (0.024")	0.8mm (0.031")	0.8mm (0.031")	0.8mm (0.031")	2.0mm (0.079")	2.0mm (0.079")
Order code	SAV-VA-11-249	SAV-VA-11-141	SAV-VA-11-67	SAV-VA-11-74	SAV-VA-11-69	SAV-VA-11-77

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