

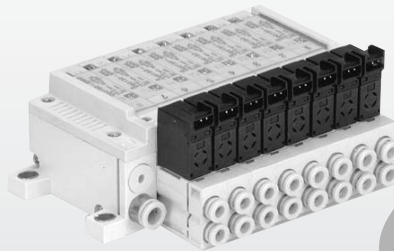
Base Mounted Metal Seal/Rubber Seal Series VQ

Space-saving profile

All pilot valves are compactly mounted on one side. The space-saving design of mounting all fittings on one side permits mounting in three directions.

Space-saving 45% less

Capacity-saving 50% less



VQ0000
(VV5Q05)

Unprecedented high speed response and long service life

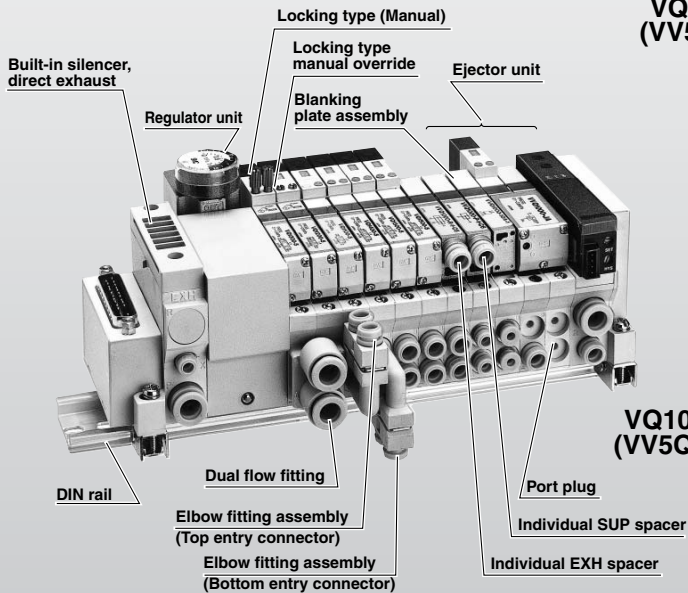
(Metal seal, single, with indicator light/surge voltage suppressor)

VQ0000	10 ms	} 200 million cycles
VQ1000	10 ms	
VQ2000	20 ms	
Dispersion accuracy ±2 ms		

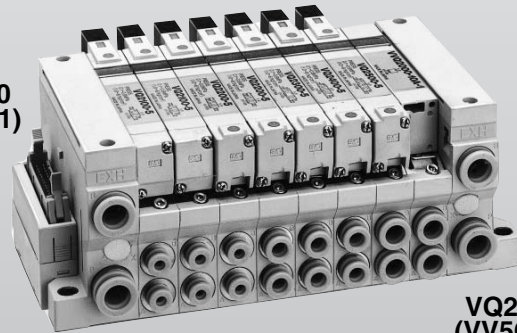
Thin compact design with large flow capacity

Model	Manifold pitch (mm)	Flow characteristics		Cylinder size
		Metal seal C [dm ³ /(s·bar)]	Rubber seal C [dm ³ /(s·bar)]	
VQ0000	10.7	0.44	0.53	Up to ø40
VQ1000	10.5	0.72	1.0	Up to ø50
VQ2000	16	2.6	3.2	Up to ø80

* Flow characteristics: 4/2 → 5/3 (A/B → R1/R2)



VQ1000
(VV5Q11)



VQ2000
(VV5Q21)

* The photo does not show an actual use example.

A variety of options

Innovative mounting methods

The non-bias, one-clamp structure permits easy valve replacement. (Plug-in unit)

Built-in One-touch fittings for easy piping.

A variety of common wiring methods are standardized.

F kit (D-sub connector) Number of pins: 15, 25 Top entry Side entry	P kit (Flat ribbon cable connector) Number of pins: 10, 16, 20, 26 Top entry Side entry	J kit (Flat ribbon cable connector) Number of pins: 20 (PC Wiring System compliant) Top entry Side entry		
G kit (Flat ribbon cable with terminal block) Number of pins: 20 	T kit (Terminal box) 	L kit (Lead wire) 	S kit (Serial transmission unit) 	M kit (Multi-connector kit) (VQ2000 only)

VQC

SQ

VQ0

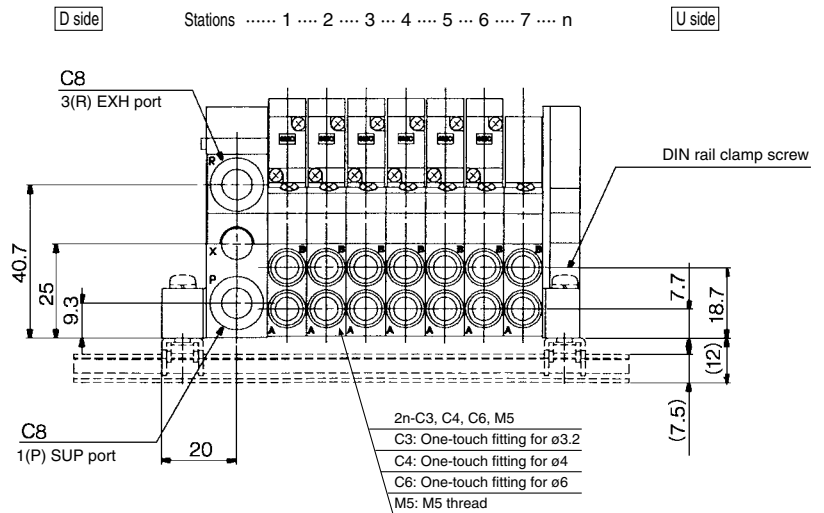
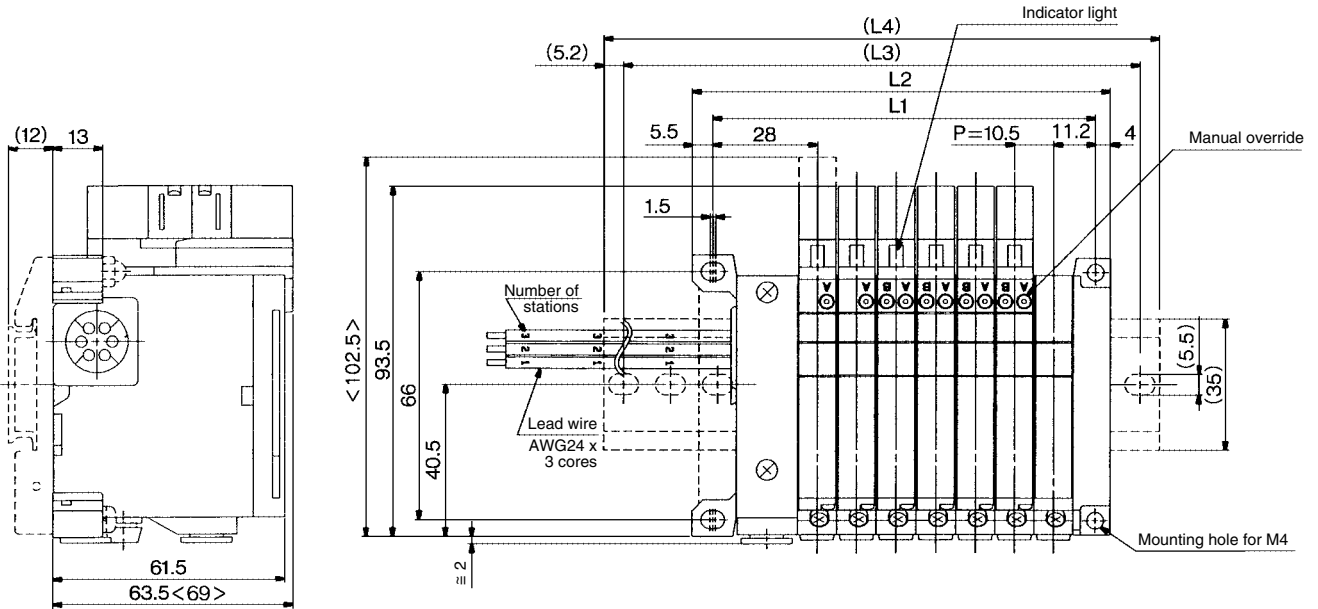
VQ4

VQ5

VQZ

VQD

The broken lines indicate DIN rail mounting style [-D].



< >: AC

Dimensions

Formula L1 = 16n + 35, L2 = 16n + 47 n: Station (Maximum 8 stations)

L	n	1	2	3	4	5	6	7	8
L1		39	49.5	60	70.5	81	91.5	102	112.5
L2		48.5	59	69.5	80	90.5	101	111.5	122
(L3)		75	87.5	87.5	100	112.5	125	137.5	150
(L4)		85.5	98	98	110.5	123	135.5	148	160.5

Vacuum ejector unit style: Formula L1 = 10.5n + 28.5 + (Number of ejector units x 26.7)

L2 = 10.5n + 38 + (Number of ejector units x 26.7)

L4 is L2 plus about 30.