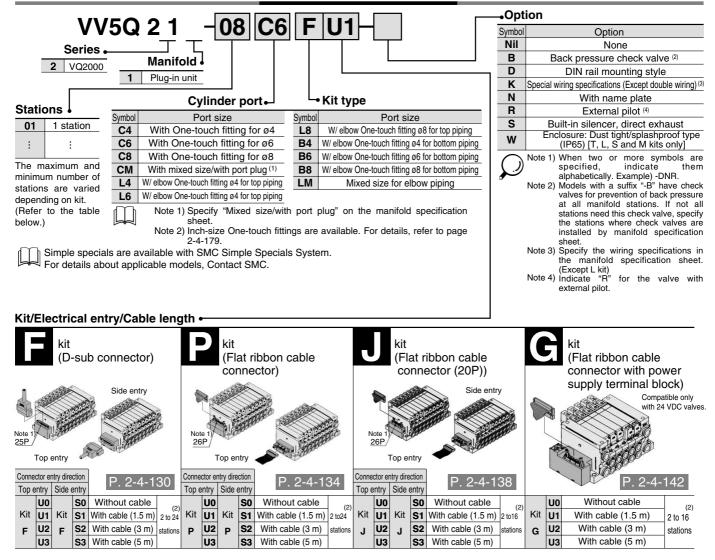


Series VQ2000 Base Mounted Plug-in Unit

How to Order Manifold



VQC

SQ

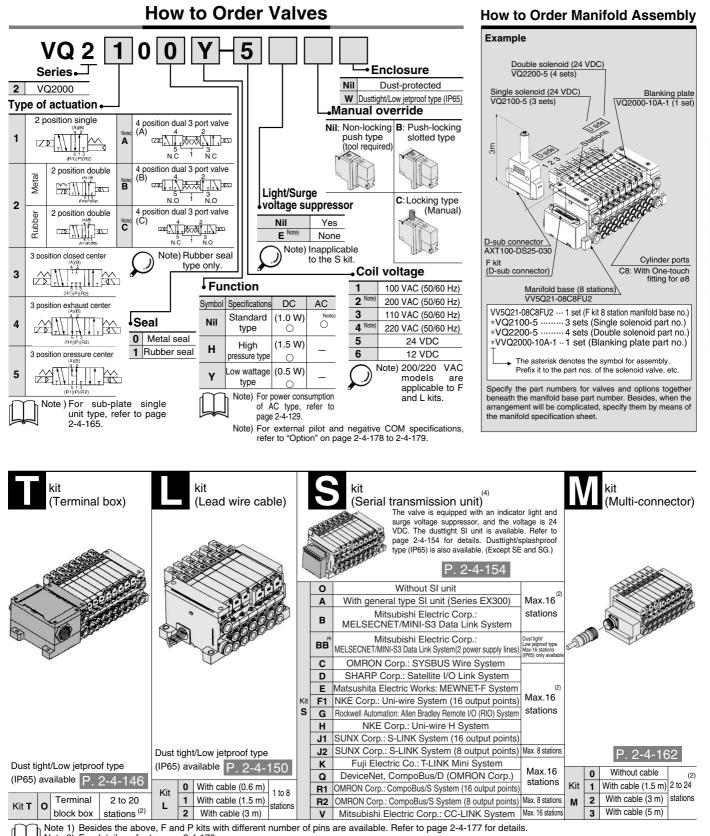
VQ0

VQ4

VQ5

VQZ

VQD



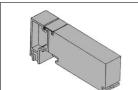
SMC

Note 2) For details, refer to page 2-4-178.

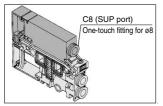
Note 3) Refer to the pages on respective kits for IP65 type. (T, L and S kits) Note 4) Kits with IP65 enclosure applicable to input/output are also available. Refer to page 2-4-162 for details. Series VQ2000

Manifold Option

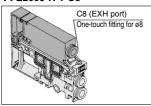
Blanking plate assembly VVQ2000-10A-1



Individual SUP spacer VVQ2000-P-1-C8



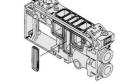
Individual EXH spacer VVQ2000-R-1-C8



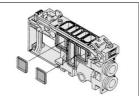
Back pressure check valve assembly [-B] VVQ2000-18A



SUP block plate VVQ2000-16A



EXH block plate VVQ2000-19A



Name plate [-N] VVQ2000-N-Station (1 to Max. stations)



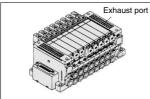
Elbow fitting assembly VVQ2000-F-L (C4, C6, C8)



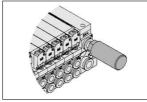
DIN rail mounting bracket [-D] VVQ2000-57A



Built-in silencer, direct exhaust [-S]



Silencer (For EXH port) AN200-KM10

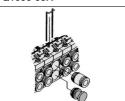


2 stations matching fitting assembly VVQ2000-52A-C10

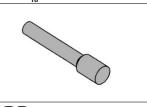


P. 2-4-210

Port plug VVQ1000-58A



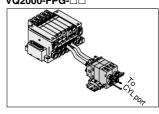
Blanking plug KQ2P- ର୍ଜ୍ଣ



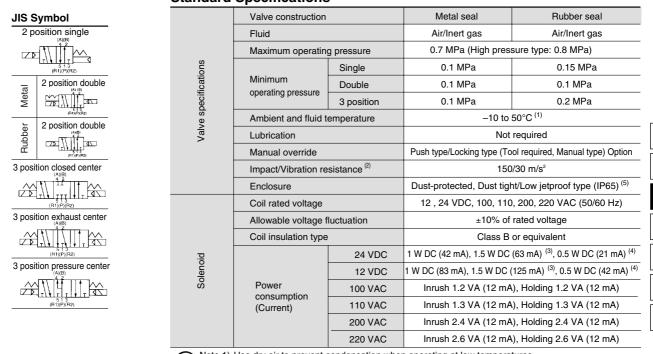


- For cylinder port fittings part no., refer to page 2-4-175.
 For replacement parts, refer to page 2-4-227.

Double check block VQ2000-FPG-



Standard Specifications



Note 1) Use dry air to prevent condensation when operating at low temperatures. Note 2) Impact resistance … No malfunction occurred when it is tested with a drop tester in the axial direction and at the right angles to the main valve and armature in both energized and deenergized states every once for each condition. (Values at the initial period)

Vibration resistance ... No malfunction occurred in a one-sweep test between 45 and 2000 Hz. Test was

performed at both energized and de-energized states in the axial direction and at Note 3) Value for high voltage type (1.5 W)

Note 4) Value for low voltage type (0.5 W)

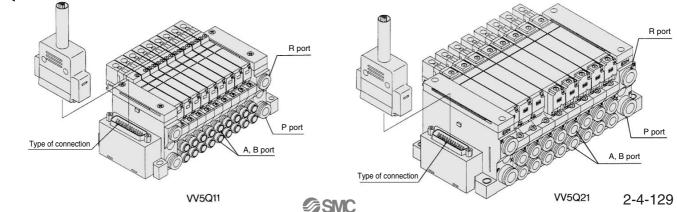
Note 5) Dusttight/Low jetproof type (IP65) is available on T, L, S and M kits of VQ2000.

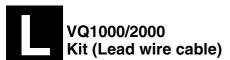
Manifold Specifications

			Po	rting specificatio	ns	(2)		5 station
Series	Base model			Port	Port size (1)		Applicable solenoid valve	weight
			Port location	1(P), 3(R)	4(A), 2(B)	stations	solenoid valve	(g)
		F kit–D-sub connector						
		P kit–Flat ribbon cable connector		C8 (ø8)	C2 (a2 0)	F, P, T kits		
		■ J kit–Flat ribbon cable connector (20P)			C3 (ø3.2)	2 to 24 stations		628
V01000		■ G kit–Flat ribbon cable connector	Side	Option Built-in	C4(ø4)	J, G, S kit	VQ1□00	(Single)
VQ1000	VV5Q11-□□□ with terminal block ■ T kit-Terminal box		Side	silencer, direct exhaust	C6 (ø6)	2 to 16 stations	VQ1⊡01	759 (Double, 3 position)
		■ L kit–Lead wire cable			M5 (M5 thread)	L kit 1 to 8 stations		
		 Skit–Serial transmission unit 						
		■ F kit–D-sub connector				/ F, P kits ∖		
		P kit–Flat ribbon cable connector				2 to 24 stations		
		■ J kit–Flat ribbon cable connector (20P)		C10 (ø10)	C4 (ø4)	/ J, G, S kit ∖		1051
	G kit-Flat ribbon cable connector	0.1	Option	C6 (ø6)	2 to 16 stations	VQ2□00	(Single)	
VQ2000	VV5Q21-000	■ T kit–Terminal box	Side	Built-in silencer,		L kit	VQ2□01	1144 (Double
		■ L kit-Lead wire cable		direct exhaust /	C8 (ø8)	1 to 8 stations		(Double, 3 position)
		Skit-Serial transmission unit				T kit		
		■ M kit–Multi-connector				2 to 20 stations		

Note 1) Inch-size One-touch fittings are also available. For details, refer to page 2-4-179.

Note 2) For details, refer to page 2-4-178.



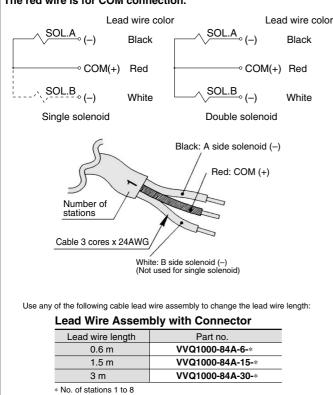


IP65 compliant

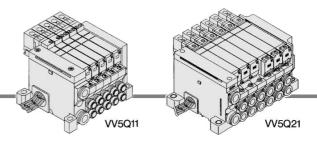
- Direct electrical entry. Models with one or more stations are available.
- (SUP) and R (EXH) ports are provided on one side for further space savings.
- Maximum stations are 8.
- Enclosure: Dusttight/Low jetproof type (IP65) compliant (Series VQ2000)

Wiring specifications: Positive COM

Three lead wires are attached to each station regardless of the type of valve which is mounted. The red wire is for COM connection.

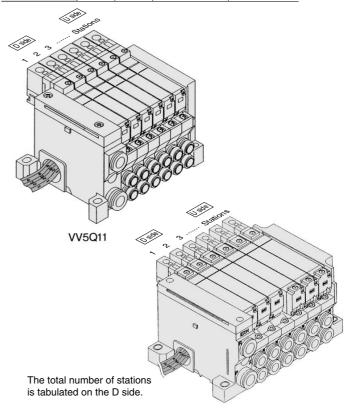




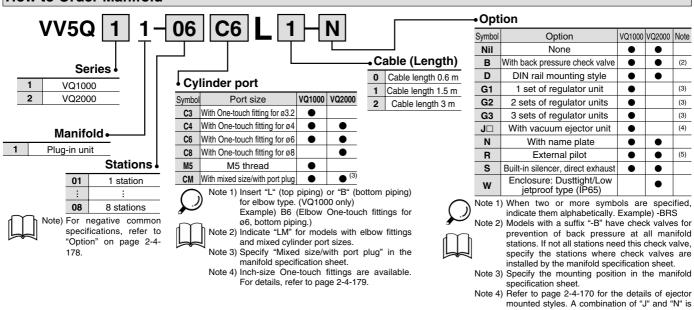


Manifold Specifications

	F	Porting sp			
Series	Port		Port size	Applicable stations	
	location	1(P), 3(R)	4(A), 2(B)	31410113	
VQ1000	Side	C8	C3, C4, C6, M5	Max. 8 stations	
VQ2000	Side	C10	C6, C8	Max. 8 stations	

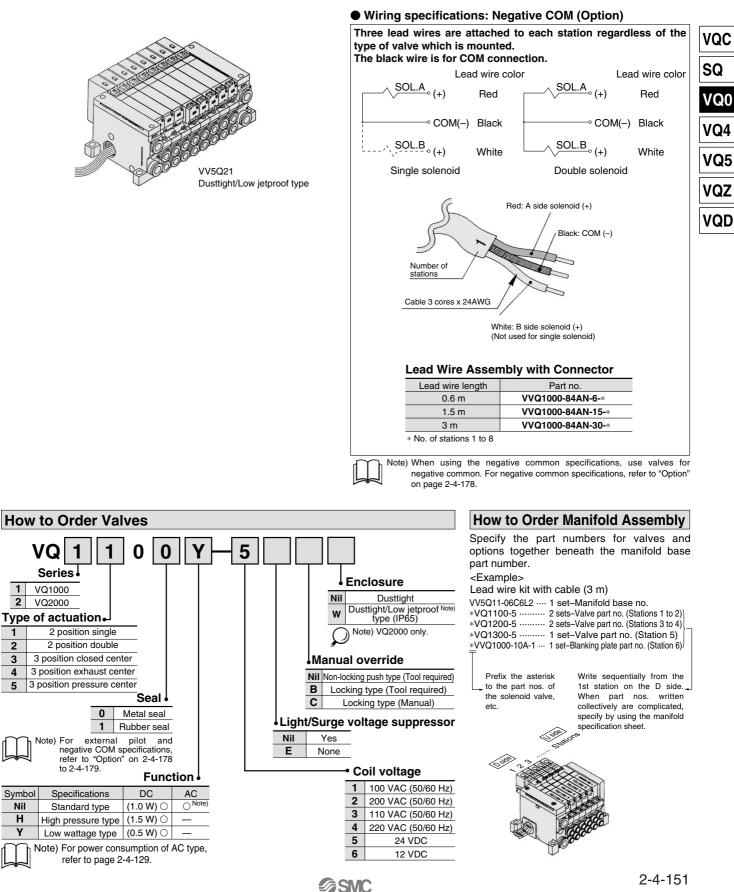


VV5Q21



unavailable Note 5) Indicate "R" for the valve with external pilot.





VQ2000

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

VQC

SQ

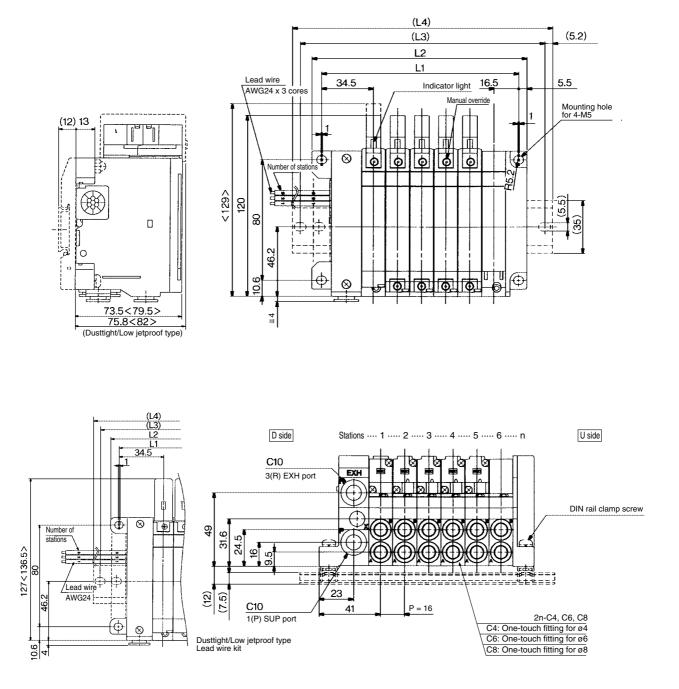
VQ0

VQ4

VQ5

VQZ

VQD

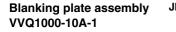


< >: AC

Dimensi	Tensions Formula L1 = 16n + 35, L2 = 16n + 47 n: Station (Maximum 8 station)							
L	1	2	3	4	5	6	7	8
L1	51	67	83	99	115	131	147	163
L2	63	79	95	111	127	143	159	175
(L3)	87.5	100	125	137.5	150	162.5	184.5	200
(L4)	98	110.5	135.5	148	160.5	173	198	210.5

Series VQ1000

Manifold Option Parts for VQ1000





blocked

D side

It is used by attaching on the manifold block for being prepared for removing a valve for maintenance reasons or planning to mount a spare valve, etc.

Individual SUP spacer VVQ1000-P-1-C6

When the same manifold is to be used for different pressures, individual SUP spacers are used as SUP ports for different pressures. (One station space is occupied.)

Block both sides of the station, for which the supply pressure from the individual SUP spacer is used, with SUP block plates. (Refer to the application ex.)

- Specify the spacer mounting position and SUP block plate position on the manifold specification SUP block plate sheet
- The block plate are used in two places for one set. (Two SUP block plates for blocking SUP station are attached to the individual SUP spacer.)
- Electric wiring is connected to the position of the manifold station where the individual SUP spacer is mounted

Individual EXH spacer VVQ1000-R-1-C6

When valve exhaust affects other stations due to the circuit configuration, this spacer is used for individual valve exhaust. (One station space is occupied.) Block both sides of the individual valve EXH station. (See example)

- Specify the mounting position, as well as the EXH block base or EXH block plate position on the manifold specification sheet. The block plate are FXH used in two places for one set. (Two EXH block EXH block plates for blocking EXH station are attached to the base assembly individual EXH spacer.) An EXH block base assembly is used in the
- blocking position when ordering an EXH spacer incorporated with a manifold no. However, do not order an EXH block base assembly because it is attached to the spacer.
- When separately ordering an individual EXH spacer, separately order an EXH block base assembly because it is not attached to the spacer.
- Electric wiring is connected to the position of the manifold station where the individual EXH spacer is mounted

SUP block plate VVQ1000-16A

When different pressures, high and low, are supplied to one manifold, a SUP block plate is inserted between the stations under different pressures.

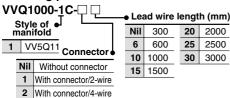
Specify the number of stations on the manifold specification sheet.

<Shut off label>

When using block plates for SUP passage, indication label for confirmation of the blocking position from outside is attached. (One label of each)

When ordering a block plate incorporated with the manifold no., a block indication label is attached to the manifold.

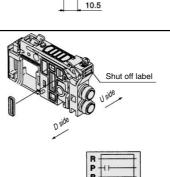
Blanking plate with connector



Blanking plate with a connector for individually outputting electricity to drive a single valve or equipment that are not on the manifold base. When "N" is suffixed to the nameplate, the plate will be

different from a standard shape Note) Electric current should be 1A or less. (Including the

mounted valves.)



Individual SUP space

Individual EXH spacer

C6 (EXH port)

Shut off label

is to be adhered.

52.2

A label indicating the SUP

passage blocking position

One-touch fitting for ø6

C6 (SUP port)

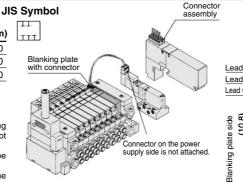
A label indicating the SUP passage

10.5

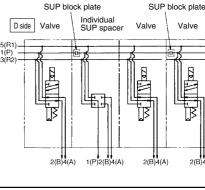
52.2 58.

blocking position is to be adhered

One-touch fitting for ø6 Shut off label



SUP passage block

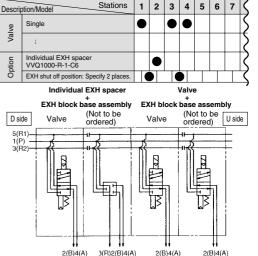


Valve U side

2(B)4(A)

58.

10.5

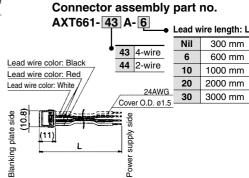








SUP/EXH passage blocked





VQC

SQ

VQ0

VQ4

VQ5

VQZ

VQD

EXH block base assembly VVQ1000-19A-🔚 (C3, C4, C6, M5)

Manifold block assembly Electrical entry

LIECI	incar er	iu y				
F1	For F kit (2 to 12 stations)/Double wiring					
F2	For F kit (13 to 24 stations)/Double wiring					
F3	For F kit (2 to 24 stations)/Single wiring					
P1	For P, G, T	, S kit (2 to 12 stations)/Double wiring				
P2	For P, G, T, S kit (13 to 24 stations)/Double wiring					
P3	For P, G, T, S kit (2 to 24 stations)/Single wiring					
L0 *	L0 kit	1				
L1 *	L1 kit	* 1 to 8 stations				
L2 *	L2 kit					

The manifold block assembly is used between stations for which exhaust is desired to be divided when valve exhaust affects other stations due to the circuit configuration. The EXH passage on the D-side is blocked in the EXH block base assembly. It is also used in combination with an individual EXH spacer for individual exhaust.

<Blocking indication label>

When blocking the EXH passage with an EXH block base assembly, indication label for confirmation of the blocking position from outside is attached. (One label for each)

When ordering a EXH block base incorporated with the manifold no., a block indication label is attached to the manifold.

Back pressure check valve assembly [-B] VVQ1000-18A

It prevents cylinder malfunction caused by other valve exhaust. Insert it into R (EXH) port on the manifold side of a valve which is affected. It is effective when a single action cylinder is used or an exhaust center type solenoid valve is used.

Note) When a check valve for back pressure prevention is desired, and is to be installed only in certain manifold stations, write clearly the part no. and specify the number of stations by using the manifold specification sheet

Name plate [-N] VVQ1000-^N_{NC} N-Station (1 to Max. stations)

It is a transparent resin plate for placing a label that indicates solenoid valve function, etc.

- Insert it into the groove on the side of the end plate and bend it as shown in the figure.
- * When the blanking plate with connector is mounted, it automatically will be "VVQ1000-NC-n" with an option symbol [-N]

Blanking plug (For One-touch fittings) KQ2P-

It is inserted into an unused cylinder port and SUP/EXH ports. Purchasing order is available in units of 10 pieces

Port plug VVQ0000-58A

The plug is used to block the cylinder port when using a 4 port valve as a 3 port valve.

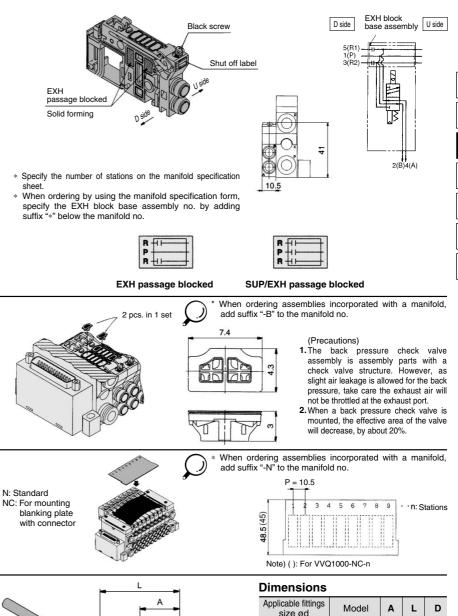
Elbow fitting assembly VVQ1000-F-L (C3, C4, C6, M5)

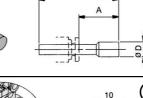
It is used for piping that extends upward or downward from the manifold.

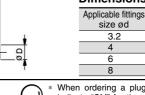
assembly no. and the mounting position and number of stations by means of the manifold specification sheet.

manifold station and a silencer on EXH port, select a silencer, AN203-KM8.

Silencer (AN200-KB8) is interfered with fittings







010

When ordering a plug incorporated with a manifold, indicate "CM" for the port size in the manifold no., as well as, the mounting position and number of stations and cylinder port mounting positions, A and B, on the manifold specification sheet

KQ2P-23 16

KQ2P-04 16

KQ2P-06 18

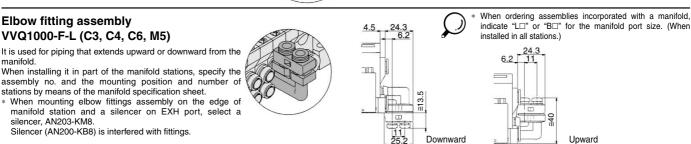
KQ2P-08 20.5 39 10

31.5 3.2

32 6

35 8

Lightly screw an M3 screw in the port plug hole and pull it for removal.



Hole



Base Mounted

Series VQ1000

Manifold Option Parts for VQ1000

DIN rail mounting bracket

VVQ1000-57A

It is used for mounting a manifold on a DIN rail. The DIN rail mounted bracket is fixed to the manifold end plate. (The specification is the same as that for the option "-D".)

1 set of DIN rail mounting bracket is used for 1 manifold (2 DIN rail mounting brackets).

Built-in silencer, Direct exhaust [-S]

This is a type with an exhaust port a top the manifold end plate. The built-in silencer exhibits an excellent noise suppression effect. (Silencing effect: 30 dB)



Note) A large quantity of drainage generated in the air source results in exhaust of air together with drainage. maintenance, refer to page 2-4-176. For

2 stations matching fitting assembly VVQ1000-52A-C8

For driving a cylinder with a large bore, valves for two stations are operated to double the flow rate. This assembly for the cylinder port is used in that case. The assembly is equipped with One-touch fittings for a ø8 bore. * The bore for the manifold no. is "CM".

- Clearly indicate the 2 station matching fitting assembly no., and specify the number of stations and positions by means of the manifold specifications.
- In 2 station matching fitting assembly, a special clip which is combined in one-piece of 2 stations is attached as a holding clip.

Silencer (For EXH port)

This silencer is to be inserted into the EXH port (Onetouch fittings) of the common exhaust type

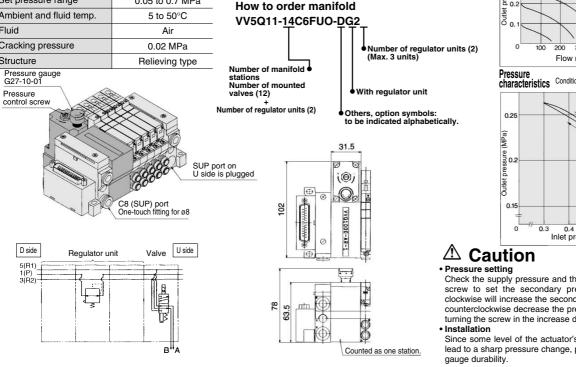
- * When mounting elbow fittings assembly (VVQ1000-F-L□) on the edge of manifold station, select a silencer, AN203-KM8
- Silencer (AN200-KM8) is interfered with fittings.

Regulator unit VVQ1000-AR-1

The regulator controls the SUP air pressure in a manifold. Supply air from D side SUP port is regulated. SUP port on U side is plugged.

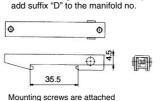
Specifications

Maximum operating pressure	0.8 MPa
Set pressure range	0.05 to 0.7 MPa
Ambient and fluid temp.	5 to 50°C
Fluid	Air
Cracking pressure	0.02 MPa
Structure	Relieving type
Duran and an and a	



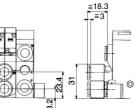
DIN rail clamp screw

Exhaust port

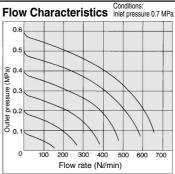


* When ordering assemblies incorporated with a manifold, add suffix "S" to the manifold no

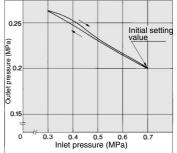
When ordering assemblies incorporated with a manifold,



Dimensions Applicable fittings size ød Effective Noise Series D Model Α L area reduction mm²) (dB) 59 22 AN200-KM8 78 20 30 VQ1000 8 AN203-KM8 32 51 16 25 14



Conditions (Initial setting) Inlet pressure 0.7 MPa Characteristics



Check the supply pressure and then turn the pressure control screw to set the secondary pressure. Turning the screw clockwise will increase the secondary pressure while turning it counterclockwise decrease the pressure. (Set the pressure by turning the screw in the increase direction.)

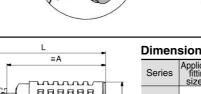
Since some level of the actuator's operational frequency may lead to a sharp pressure change, pay attention to the pressure

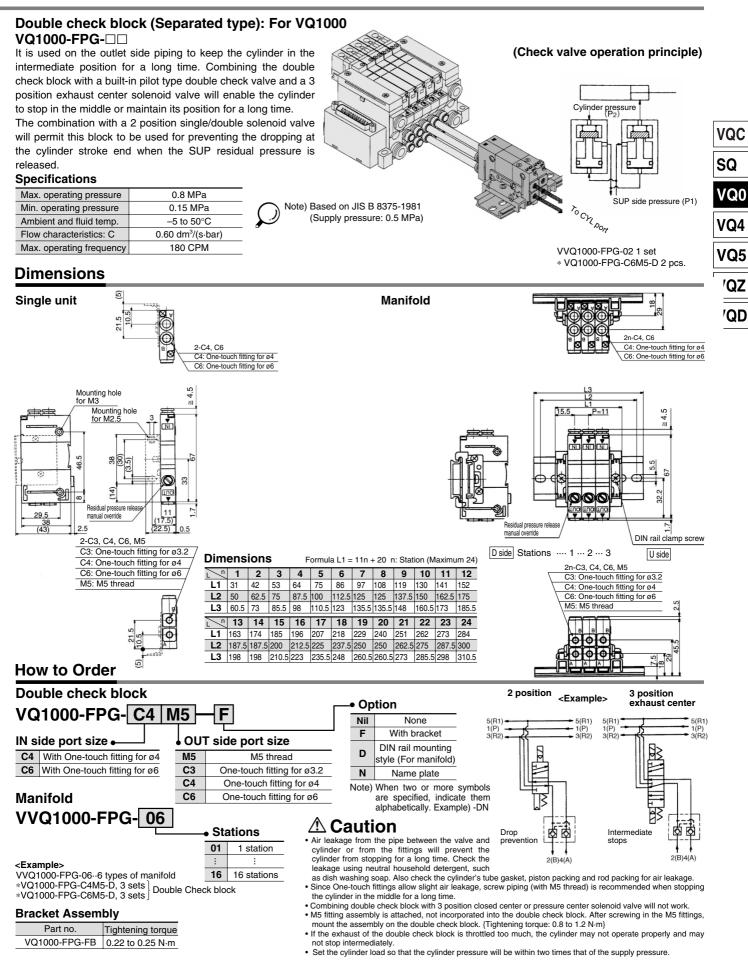


sure to specify the mounting position and number of stations by means of the manifold specification form. One unit is counted as one station and occupies a space for three stations, therefore, pay attention to the manifold size. The regulator valve unit, to which no wire is connected, valves can be mounted up to the standard max. number of stations of

How to Order Indicate an option symbol "-G"* for the manifold no. and be

each kit.

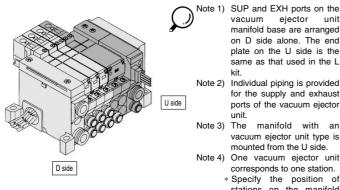




Base Mounted Series VQ1000/2000

Manifold Option/Vacuum Ejector Unit: VQ1000

A vacuum ejector unit can be mounted on the manifold base for a solenoid valve. Instead of mounting the valve and vacuum ejector unit separately, this option reduces piping, wiring and creates additional space savings.



ejector unit manifold base are arranged on D side alone. The end plate on the U side is the same as that used in the L

- Note 2) Individual piping is provided for the supply and exhaust ports of the vacuum ejector
 - manifold with an vacuum ejector unit type is mounted from the U side.
 - corresponds to one station.
 - stations on the manifold specification sheet.

Specifications

Unit no.	VVQ1000-J□-□□-A	VVQ1000-J□-□□□-B	
Nozzle diameter (mm)	0.7	1.0	
Max. suction flow rate N (//min)	11	20	
Max. vacuum pressure	-630 mmHg		
Max. operating pressure	0.8 MPa		
Standard supply pressure	0.5 MPa		
Operating temperature	5 to 50°C		

Maximum Number of Ejector Units

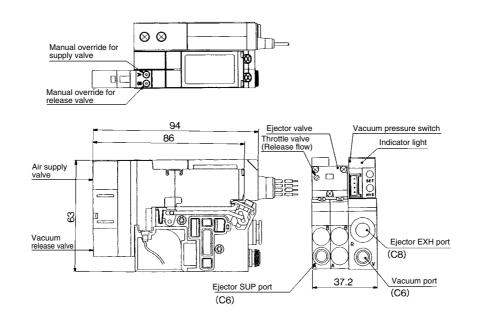
(Max. number of ejector units is subject to the number of valve stations.)

· · ·			,			
Max. number of	Max. number of mounted valves					
ejector units	F, P, T kit	S, G, J kit	L kit			
1	11(20)	7(14)	7			
2	10(16)	6(12)	6			
3	9(12)	5(10)	5			
4	8(8)	4(8)	_			
5	4(4)	3(4)	_			

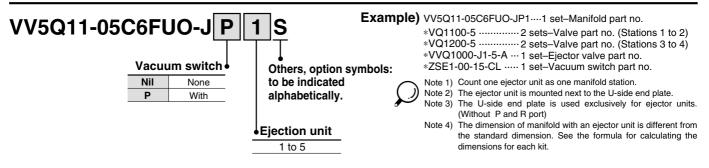


Note) The max. number of mounted valves applies to double wiring. Parenthesized numbers apply to single wiring. Please contact SMC for conditions other than the above or mixed wiring.

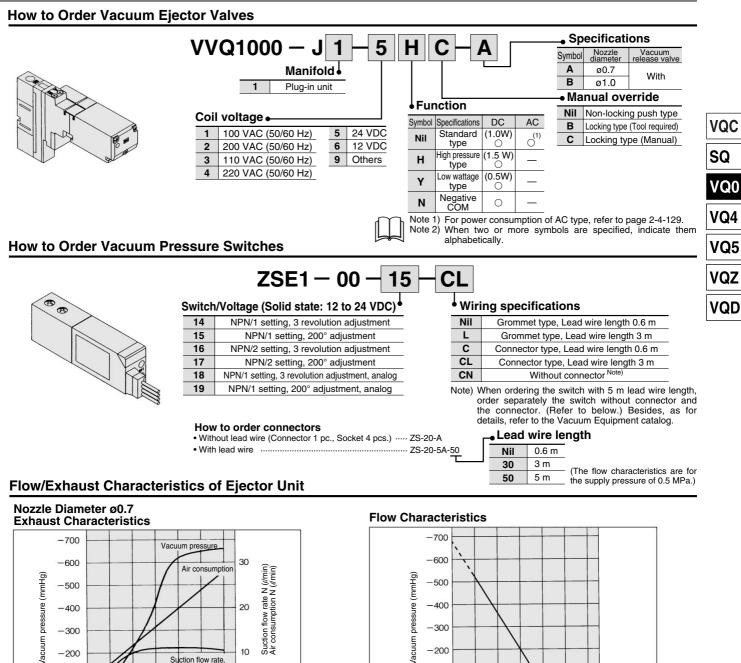
Dimensions



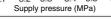
How to Order



SMC



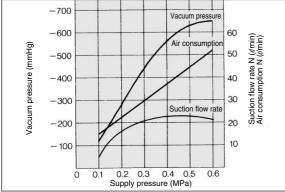
0.1 0.2 0.3 0.4 0.5 0.6

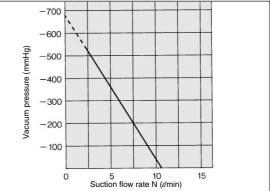


Nozzle Diameter ø1.0

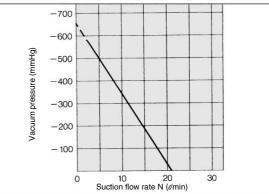
- 100

0





Flow Characteristics



Base Mounted

Series VQ2000

Manifold Option Parts for VQ2000

JIS Symbol

Blanking plate assembly VVQ2000-10A-1

It is used by attaching on the manifold block for being prepared for removing a valve for maintenance reasons or planning to mount a spare valve, etc.

Individual SUP spacer VVQ2000-P-1-C8

When the same manifold is to be used for different pressures, individual SUP spacers are used as SUP ports for different pressures. (One station space is occupied.)

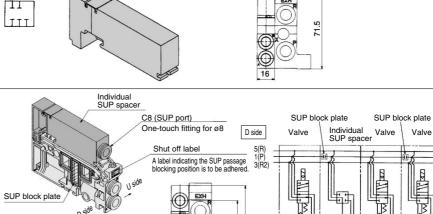
Block both sides of the station, for which the supply pressure from the individual SUP spacer is used, with SUP block plates. (Refer to the application ex.)

- Specify the spacer mounting position and SUP block plate position on the manifold specification sheet. The block plate are used in two places for one set. (Two SUP block plates for blocking SUP station are attached to the individual SUP spacer.)
- Electric wiring is connected to the position of the manifold station where the individual SUP spacer is mounted

Individual EXH spacer VVQ2000-R-1-C8

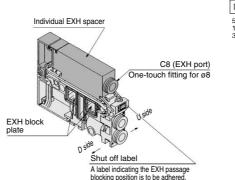
When valve exhaust affects other stations due to the circuit configuration, this spacer is used for individual valve exhaust. (One station space is occupied.) Block both sides of the individual valve EXH station (See example)

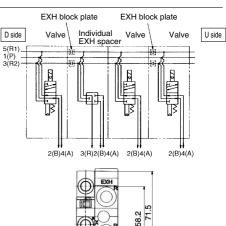
- Specify the mounting position, as well as the EXH block base or EXH block plate position on the manifold specification sheet. The block plates are used in two places for one set. (Two EXH block plates for blocking EXH station are attached to the individual EXH spacer.)
- Electric wiring is connected to the position of the manifold station where the individual EXH spacer is mounted



80

EXH





1(P)2(B)4(A)

2(B)4(A)

2(B)4(A)

2(B)4(A)

U side

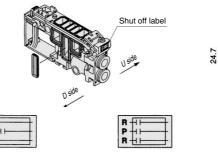
SUP block plate VVQ2000-16A

When different pressures, high and low, are supplied to one manifold, a SUP block plate is inserted between the stations under different pressures

* Specify the number of stations on the manifold specification sheet

<Blocking indication label>

When using block plates for SUP passage, indication label for confirmation of the blocking position from outside is attached. (One label of each)



When ordering a block plate incorporated

SUP/EXH passage blocked

with the manifold no., a block indication label is attached to the manifold.

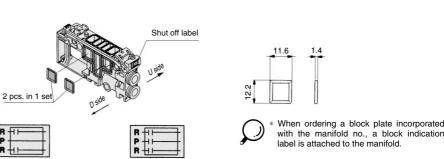
EXH block plate VVQ2000-19A

The EXH block plate is used between stations for which exhaust is desired to be divided when valve exhaust affects other stations due to the circuit configuration. It is also used in combination with an individual EXH spacer for individual exhaust.

Specify the number of stations on the manifold specification sheet.

<Blocking indication label>

When blocking the EXH passage with an EXH block plate, an indication label for confirmation of the blocking position from outside is attached. (One label for each)



EXH passage blocked

SUP passage blocked



When ordering a block plate incorporated with the manifold no., a block indication



Base Mounted Plug-in Unit Series VQ2000

VQC

SQ

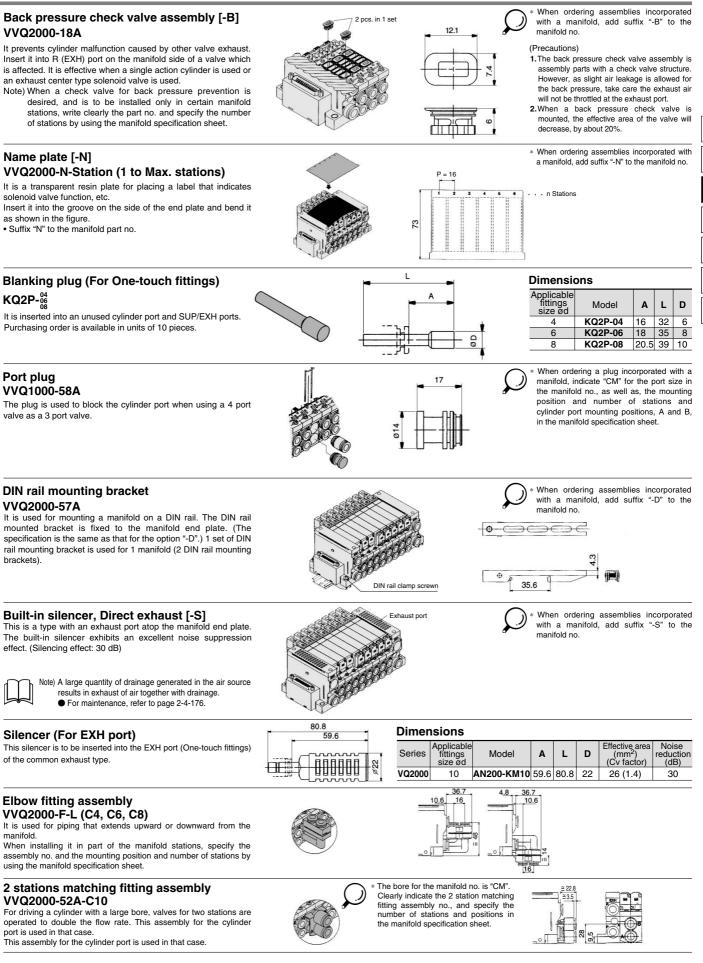
VQ0

VQ4

VQ5

VQZ

VQD



SMC

Series VQ2000

Manifold Option

<Check valve operation principle> Double check block (Separated type) VQ2000-FPG-00-0 It is used on the outlet side piping to keep the cylinder in the intermediate position for a long time. Combining the double check block with a built-in pilot type double check valve and a 3 position exhaust center solenoid valve will enable the cylinder to stop in the middle or Cylinder side (P2) maintain its position for a long time. The combination with a 2 position single/double solenoid valve will 17 prevent the dropping at the cylinder stroke end when the SUP residual pressure is released. Specifications Max. operating pressure 0.8 MPa To CYL port 0.15 MPa Min. operating pressure SUP side pressure (P1) –5 to 50°C Note) Based on JIS B 8375-1981 Ambient and fluid temp. -3.0 dm³/(s·bar) (Supply pressure: 0.5 MPa) Flow characteristics: C 180 c.p.m Max. operating frequency Dimensions Manifold Single unit ŝ ស្ល 5 0,0,0 Ø Æ A Ð 2-Rc 1/8, 1/4, C6, C8 .¢ C6: One-touch fitting assembly for ø6 **B** C8: One-touch fitting assembly for ø8 2-Rc1/8, 1/4, C6, C8 C8) C6: One-touch fitting assembly for ø6 8 C8: One-touch fitting assembly for ø8 (≅9.5) (For C6, 0 (≅9.5) (For C6, DIN rail 2-M4 mounting P = 22 4.5 clamp screw 23 hole 2-M6 mounting ল্ব হাল hole è ᇵᇥ ۲ 5.5 69.5 (40) 6.5 28 õ 2 39. \$ ٩ ۲ 南 **1** 도국 도국 5112 5112 is is 2 dual pressure r وتعا leie. ليرتعا 10.5 80 Manual override 8 22 20.5 (≅9.5) (For C6, D side Stations ... 1 ····· 2 ···· 3 ··· n U side (33) 58 22 Residual pressure release 2-Rc1/8, 1/4, C6, C8 (For C6. (41.5) (59.5) (≊9. manual override C6: One-touch fitting assembly for ø6 C8: One-touch fitting assembly for ø8 2-Rc 1/8, 1/4, C6, C8 C6: One-touch fitting assembly for ø6 C8: One-touch fitting assembly for ø8 Ð Ô Dimensions Formula L1 = 22n + 24 n: Station <u>1 2</u> 4 5 6 7 8 9 10 11 12 13 14 15 16 3 L1 46 68 90 112 134 156 178 200 222 244 266 288 310 332 354 376 L2 75 87.5 112.5 137.5 162.5 175 200 225 250 262.5 287.5 312.5 337.5 362.5 375 400 (1.5) L3 85.5 98 123 148 173 185.5 210.5 235.5 260.5 273 298 323 348 373 385.5 410.5

How to Order

						
Double check block					<example></example>	
VQ2000-FPG 01 01 F					5(R1) 1(P) 3(R2) 5(R1) 1(P) 3(R2) 5(R1) 1(P) 3(R2) 5(R1) 5(R1)	5(R1) 1(P) 3(R2) 5(R1) 1(P) 3(R2)
IN side port size			-• Op	tion		
•001	side port size		Nil	None	비년	
01 Rc 1/8 01	Rc 1/8		_	DIN rail mounting style		
02 Rc 1/4 02	Rc 1/4		D	(For manifold)		
C6 One-touch fitting for Ø6 C6	One-touch fitting for ø6		F	With bracket	TS	
C8 One-touch fitting for Ø8 C8	One-touch fitting for ø8		N	Name plate		
Manifold		Note)		two or more symbols are	Drop 🖸 🙆	Intermediate
VVQ2000-FPG - 06			specifi alphab	ied, indicate them etically.	prevention	stops
	\land Cauti	on	•	,	↓ 2(B)4(A)	7 f 2(B)4(A)
Stations			etween t	the valve and cylinder or from	.,.,	is attached, not incorporated
01 1 station				n stopping for a long time. C		ck block. After screwing in the
: :		ng neutra	al house	ehold detergent, such as		the assembly on the double
<ordering example=""> 16 16 stations</ordering>	washing soap.	cylinder's	tube o	asket, piston packing and	check block. d rod [Tightening torque: 0	8 to 1 2 N.ml
VVQ2000-FPG-066 stations manifold	packing for air lea	akage.	-			-
*VQ2000-FPG-C6C6-D: 3 sets	• • • • · · · · · · · · · · · · · · · ·			nt air leakage, screw piping	(wid)	roper tightening torque (N·m) 7 to 9
*VQ2000-FPG-C8C8-D: 3 sets Double che	for a long time.	ommende	a wnen s	topping the cylinder in the m	Rc 1/8	12 to 14
Bracket Assembly		ble check	block v	vith 3 position closed cent		double check block is throttled

Combining double check block with 3 position closed center or pressure center solenoid valve will not work.

 If the exhaust of the double check block is throttled too much, the cylinder may not operate properly and may not stop intermediately.

and may not stop intermediately.Set the cylinder load so that the cylinder pressure will be within two times that of the supply pressure.

Part no.

VQ2000-FPG-FB 0.8 to 1.0 N·m

Tightening torque



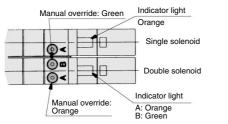
▲ Precautions 1

Be sure to read before handling. For Safety Instructions and Solenoid Valve Precautions, refer to page 2-9-2.

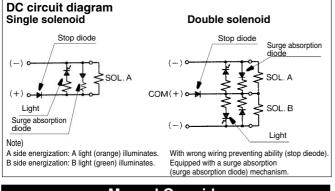
Light/Surge Voltage Suppressor

A Caution

The lighting positions are concentrated on one side for both single solenoid type and double solenoid type. In the double solenoid type, A side and B side energization are indicated by two colors which match the colors of the manual overrides.



(DWG shows a VQ1000 case.)



Manual Override

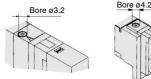
\land Warning

Without an electric signal for the solenoid valve the manual override is used for switching the main valve.

Push type is standard. (Tool required)

Option: Locking type (Tool required/Manual)

Push type (Tool required)



Push down on the manual override button with a small screwdriver until it stops. Release the screwdriver and the manual override will return.

button with a small screwdriver or

with your fingers until it stops. Turn clockwise by 90° to lock it. Turn it counterclockwise to release it.

VQ1000

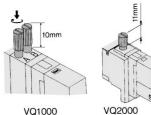
VQ2000 ■ Locking type (Tool required) <Option> Push down on the manual override



VQ1000

VQ2000

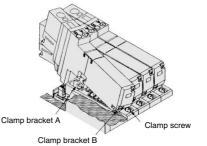
■ Locking type (Manual) <Option>



Push down on the manual override button with a small screwdriver or with your fingers until it stops. Turn clockwise by 90° to lock it. Turn it counterclockwise to release it.

How to Mount/Remove Solenoid Valve

\land Caution



Removing

1. Loosen the clamp screw until it turns freely. (The screw is captive.)

2. Lift the coil side of the valve body while pressing down slightly on the screw head and remove it from the clamp bracket B. When the screw head cannot be pressed easily, gently press the area near the manual override of the valve.

Mounting

- **1.** Press down on the clamp screw. \rightarrow Clamp bracket A opens. Diagonally insert the hook on the valve end plate side into clamp B.
- 2. Press the valve body downward. (When the screw is released, it will be locked by clamp bracket A.)
- 3. Tighten the clamp screw. (Proper tightening torque: VQ1000, 0.25 to 0.35 N·m; VQ2000, 0.5 to 0.7 N·m.)

▲ Caution

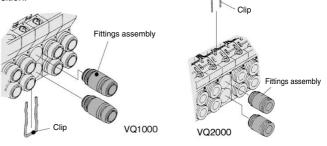
Dust on the sealing surface of the gasket or solenoid valve can cause air leakage

Replacement of Cylinder Port Fittings

A Caution

The cylinder port fittings are a cassette for easy replacement. The fittings are blocked by a clip inserted from the top of manifold. Remove the clip with a screwdriver to remove fittings.

For replacement, insert the fitting assembly until it strikes against the inside wall and then reinsert the clip to the specified position.



Applicable tubing O.D.	Fitting assembly part no.				
Applicable tubing O.D.	VQ1000	VQ2000			
Applicable tubing ø3.2	VVQ1000-50A-C3	—			
Applicable tubing ø4	VVQ1000-50A-C4	VVQ1000-51A-C4			
Applicable tubing ø6	VVQ1000-50A-C6	VVQ1000-51A-C6			
Applicable tubing ø8	-	VVQ1000-51A-C8			
M5	VVQ1000-50A-M5	_			

* Refer to "Option" on pages 2-4-172 to 2-4-173 for other types of fittings.

▲ Caution

- 1. Use caution that O-rings must be free from scratches and dust. Otherwise, air leakage may result.
- 2. After screwing in the fittings, mount the M5 fitting assembly on the manifold base. {Tightening torque: 0.8 to 1.2 N·m}
- 3. Purchasing order is available in units of 10 pieces.

Do not apply excessive torque when turning the locking type manual override. (0.1 N·m or less)



Base Mounted

Series VQ1000/2000

A Precautions 2

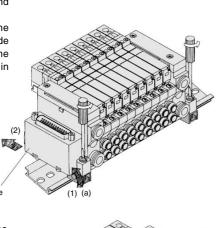
Be sure to read before handling. For Safety Instructions and Solenoid Valve Precautions, refer to page 2-9-2.

Mounting/Removing from the DIN Rail

\land Caution

Removing

- Loosen the clamp screw on side (a) of the end plate on both sides.
- 2. Lift side (a) of the manifold base and slide the end plate in the direction of (2) shown in the figure to remove.

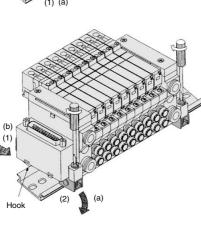


Mounting

1. Hook side (b) of the manifold base on the DIN rail.

End plate

- Press down side (a) and mount the end plate on the DIN rail. Tighten the clamp screw on side (a) of the end
 - plate. The proper tightening torque for screws is 0.4 to 0.6 N·m.



Enclosure IP65

A Caution

Wires, cables, connectors, etc. used for models conforming to IP65 should also have enclosures equivalent to or of stricter than IP65.

Built-in Silencer Replacement Element

A Caution

A silencer element is incorporated in the end plate on both sides of the A dirty and choked element may reduce cylinder speed or cause malfunction. Clean or replace the dirty element.

Element Part No.

Type	Element part no.				
туре	VQ1000	VQ2000			
Built-in silencer, direct exhaust	VVQ1000-82A-1	VVQ2000-82A-1			

* The minimum order quantity is 10 pcs.

Remove the cover from the top of the end plate and remove the old element with a screwdriver, etc.

How to Calculate the Flow Rate

For obtaining the flow rate, refer to pages 2-1-8 to 2-1-11.



Option

Special Wiring Specifications

In the internal wiring of F kit, P kit, J kit, G kit, T kit and S kit, double wiring (connected to SOL. A and SOL. B) is adopted for each station regardless of the valve and option types. Mixed single and double wiring is available as an option.

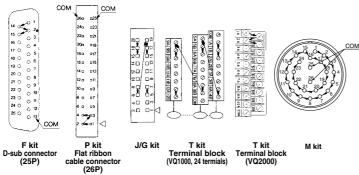
1. How to Order

Indicate an option symbol "-K", for the manifold no. and be sure to specify the mounting position and number of stations of the single and double wiring by means of the manifold specification sheet.



2. Wiring specifications

With the A side solenoid of the 1st station as no.1 (meaning, to be connected to no.1 terminal), without making any terminals vacant.



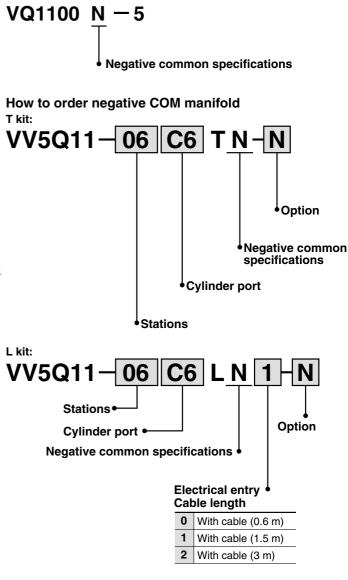
3. Max. number of stations

The maximum number of stations depends upon the number of solenoids. Assuming one for a single and two for a double, determine the number of stations so that the total number is not more than the max. number given in the following table.

Kit	F kit (l conn	D-sub ector)		P kit (Flat ribbon cable connector)			J kit (Flat ribbon cable connector)	G kit (Flat ribbon cable with terminal block)
Туре	F s□ 25P	F ^U SA 15P	P	P	P ^U sB 16P	P	J	G
Max. points	24	14	24	18	14	8	16	16
	T kit (Terminal block)				S kit	M kit		
Kit		(Te	rminal	block)		(Se	erial transmission)	(Circular connector)
		(Ter 2 rows minal b	rminal of locks	block) 3 rc termin	ows of al bloc	(Se ks	erial transmission)	(Circular connector)
Kit Type Max. points		(Ter 2 rows ninal b 16	rminal of locks	block) 3 rc termin	ows of al bloc 24	(Se ks	,	, ,

Negative Common Specifications

Specify the valve model no. as shown below for negative COM specification. The manifold no. shown below is for the T and L kits. For other kits the standard manifold can be used. For negative COM S or G kit, please contact SMC.



Base Mounted Plug-in Unit Series VQ1000/2000

External Pilot Specifications

When the supply air pressure is lower than the required minimum operating pressure (0.1 to 0.2 MPa) for the solenoid valve (or when the valve is used for vacuum), specify an external pilot model. Order a manifold or valve by suffixing the external pilot specification, "R".

The X-port of the manifold base is equipped with One-touch fittings for external pilot.

VQ1000: C4 (One-touch fitting for ø4) VQ2000: C6 (One-touch fitting for ø6)

How to order manifold VV5Q11-08C6FU1-R S

Others, option symbols: to be indicated alphabetically.

How to order valves

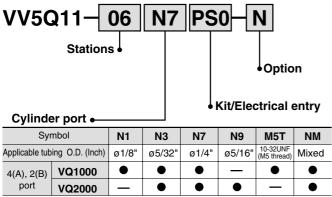
VQ1100 <u>R</u> − 5

External pilot specifications

Note 1) When low wattage type is also desired, specify as "RY". Note 2) In this valve pilot exhaust is connected to the EA passage of the manifold. Therefore, it is not possible to supply air from EXH port, nor vacuum from ports other than SUP port.

Inch-size One-touch Fittings

The valve with inch-size One-touch fittings is shown below.



Note) When inch-size fittings are selected for the cylinder port, use inch size fittings for both P and R port.

1(P), 3(R) port si	ze
VQ1000	ø5/16" (N9)
VQ2000	ø3/8" (N11)

VQC
SQ
VQ0
VQ4
VQ5
VQZ
VQD

Base Mounted

Series VQ1000/2000

Option

DIN Rail Mounting

Each manifold can be mounted on a DIN rail. Order it by indicating a DIN rail mounting option symbol, "-D". In this case, a DIN rail which is approx. 30 mm longer than the manifold with the specified number of stations is attached.

When DIN rail is unnecessary (DIN rail mounting brackets only are attached.) Indicate the option symbol, -DO, for the manifold no.

Example)

VV5Q11-08C6FU1-D0S

Others, option symbols: to be indicated alphabetically.

• When using DIN rail longer than the manifold with specified number of stations Clearly indicate the necessary number of stations next to the option symbol "-D" for the manifold no.

Example)

VV5Q11-08C6FU1-D09S

DIN rail for 9 stations

Others, option symbols: to be indicated alphabetically.

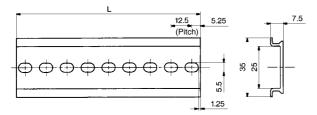
• When changing the manifold style into a DIN rail mounting style.

Order brackets for mounting a DIN rail. (Refer to "Option" on pages 2-4-168 and 2-4-173.)

No. VVQ1000-57A (For VQ1000) VVQ2000-57A (For VQ2000) 2 pcs. per one set.

When ordering DIN rail only DIN rail no.: AXT100-DR-

As for \Box , specify the number from the DIN rail table. For L dimension, refer to the dimensions of each kit.



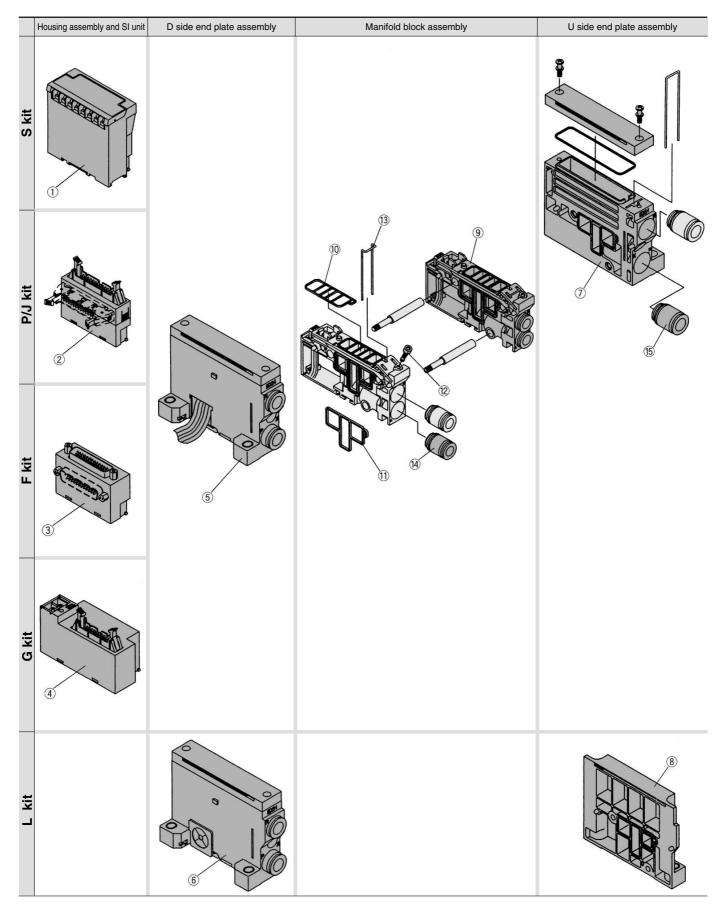
L Dimension

L Dime	nsio	n						L = 1	2.5 x n	+ 10.5
No.	1	2	3	4	5	6	7	8	9	10
L dimension	23	35.5	48	60.5	73	85.5	98	110.5	123	135.5
No.	11	12	13	14	15	16	17	18	19	20
L dimension	148	160.5	173	185.5	198	210.5	223	235.5	248	260.5
No.	21	22	23	24	25	26	27	28	29	30
L dimension	273	285.5	298	310.5	323	335.5	348	360.5	373	385.5
No.	31	32	33	34	35	36	37	38	39	40
L dimension	398	410.5	423	435.5	448	460.5	473	485.5	498	510.5

Series VQ

Exploded View: VQ2000/Plug-in Unit

(F, P, J, L, G, S kit)



	-	sembly and S			Description	
lo.	Manifo		Part no.		Description	
ļ	(SA k		1(-XP) ⁽¹⁾ [EX32		General type SI unit (Series EX300)	
	(SB k		81(-XP) ⁽¹⁾ [EX12		SI unit for MELSECNET/MINI-S3 Data Link System (Mitsubishi Electric)	
ļ	(SBB				SI unit for MELSECNET/MINI-S3 Data Link System (2 power supply lines) (Mitsubishi Electric Corp.)	
	(SC k	· ·	(1(-XP) ⁽¹⁾ [EX12		SI unit for SYSBUS Wire System (OMRON Corporation)	
ļ	(SD k	· ·	11(-XP) ⁽¹⁾ [EX12		SI unit for Satellite I/O Link System (SHARP Corporation)	11
ļ	(SE k	,			SI unit for MEWNET-F System (Matsushita Electric Works, Ltd.)	
	(SF1k		/1(-XP) ⁽¹⁾ [EX12		SI unit for 16 point Uni-wire System (NKE Corporation)	\vdash
-	(SG k	/			SI unit for Allen Bradley Remote I/O (RIO) System (Rockwell Automation, Inc.)	S
	(SH k	kit) EX120-SUF	11(-XP) ⁽¹⁾ [EX12	23-SUH1] ⁽²⁾	SI unit for 16 point Uni-wire H System (NKE Corporation)	
	(SJ1 k	kit) EX120-SSL	.1(-XP) ⁽¹⁾ [EX12	23-SSL1] (2)	16 point S-LINK System (SUNX Corporation)	V
	(SJ2 k	kit) EX120-SSL	2(-XP) ⁽¹⁾ [EX12	23-SSL2] (2)	8 point S-LINK System (SUNX Corporation)	V
	(SK k	kit) EX120-SFL	J1(-XP) ⁽¹⁾ [EX12	23-SFU1] (2)	T-LINK Mini System (Fuji Electric Co., Ltd.)	
Ī	(SQ k		1 [EX124-SDN		SI unit for DeviceNet, CompoBus/D (OMRON Corporation)	V
Ī	(SR1 I		61(-XP) ⁽¹⁾ [EX12	-	SI unit for 16 point Compo Bus/S System (OMRON)	
t	(SR2	,	S2(-XP) ⁽¹⁾ [EX12	-	SI unit for 8 point Compo Bus/S System (OMRON)	V
ł	(SV k		J1(-XP) ⁽¹⁾ [EX12	-	SI unit for CC-LINK System (2 power supply systems) (Mitsubishi Electric Corporation)	V
+	P ^v _s ki		. , .		Flat ribbon cable housing assembly \Box = Number of pins: 26, 20, 16, 10	
┝						
-	J ^U ski				Flat ribbon cable housing assembly	
-	G ki				Flat ribbon cable housing assembly with terminal block	V
	Fski		0		D-sub connector housing assembly \Box = Number of pins: 25, 15	
		XP" for dust-protected			kit is usable only for dust tight/low jetproof type (IP65).	
	-	t/Low jetproof type (II		Note 4) Top (entry connector for FU and PU while side entry connector for FS and PS.	
		nd Plate As				
		end plate asse	-			
	VVQ2	2000-3A-1-	□-□			
		cal entry	ТТ			
1			🚽 🖵 Opti	ion		
_	F	For F kit			Note 1) When both options are specified, indicate as RS.	
-	Р	For P kit	Nil		mmon EXH Note 1) When both options are specified, indicate as not.	
-	J	For J kit	R ⁽¹⁾		xternal pilot included.	
-	L	For L kit	S (1)) Built-in sile	Note 3) Separately place an order for (1), (2), (3), and (4).	
	G	For G kit	<u> </u>		For Dusttight/Low jetproof type (IP65), please consult with	
	S	For S kit			SMC.	
		and Diata Ae	eombly>			
		Ind Plate As			> 1-2a_ \	
		End Plate As end plate asse		or F/P/G/S	s kits)	
7) L	J side (end plate asse			s kits)	
Dι	J side (mbly no. (F	ion		
Dι	J side (end plate asse	mbly no. (F	i on Cor	mmon EXH Note 1) The (B's fitting assembly is included.	
Ĵι	J side (end plate asse	mbly no. (F	i on Cor Ex	mmon EXH Note 1) The ^(f) 's fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not	
) ('	J side (VVQ2	end plate asse 2000-2A-1-	mbly no. (F	i on Cor Ex Built-in siler	mmon EXH Note 1) The ⁽⁵⁾ 's fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not	
) '	J side (VVQ2	end plate asse	mbly no. (F	i on Cor Ex Built-in siler	mmon EXH Image: Note 1) The (b)'s fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dusttight/Low jetproof type (IP65), please consult with	
) נ י	J side (VVQ2 J side (end plate asse 2000-2A-1- end plate asse	mbly no. (F Opti Nii R S embly no. (F	i on Cor Ex Built-in siler	mmon EXH Image: Note 1) The ^(f) / ₅ 's fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4).	
) () () (J side (VVQ2 J side (VVQ2	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I	mbly no. (F	ion Cor Ex Built-in siler For L kit)	mmon EXH ternal pilot ncer, direct exhaust Note 1) The ⁽⁵⁾ 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1, 2, 3, and 4. For Dusttight/Low jetproof type (IP65), please consult with SMC.	
) () /a	J side (VVQ2 J side (VVQ2 nifold	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse	embly no. (F	ion Cor Ex Built-in siler For L kit)	mmon EXH Image: Note 1) The (b)'s fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dusttight/Low jetproof type (IP65), please consult with	
) () () () ()	J side (VVQ2 J side (VVQ2 nifold	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I	embly no. (F	ion Cor Ex Built-in siler For L kit)	mmon EXH ternal pilot ncer, direct exhaust Note 1) The ⁽⁵⁾ 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1, 2, 3, and 4. For Dusttight/Low jetproof type (IP65), please consult with SMC.	
) () //a	J side (VVQ2 J side (VVQ2 nifold Manifo	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse old block asser	embly no. (F Nil R S embly no. (F S embly> Tie-r nbly no.	ion Cor Ex Built-in siler For L kit)	mmon EXH Image: Note 1) The (b)'s fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached Separately place and (1) (2), (3), (3), (3), (3), (3), (3), (3), (3	
) () //a	J side VVQ2 J side VVQ2 nifold Manifo VVQ2	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse old block asser 2000-1A-	embly no. (F Nil R S embly no. (F S embly> Tie-r nbly no.	ion Cor Ex Built-in siler For L kit)	mmon EXH Image: Note 1) The (5's fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached	
) () /a	J side VVQ2 J side VVQ2 nifold Manifo VVQ2	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse old block asser	embly no. (F Nil R S embly no. (F S embly> Tie-r nbly no.	ion Cor Ex Built-in siler For L kit)	mmon EXH Note 1) The ⁽⁵⁾ 's fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached Enclosure Port size Nil	
) () //a	J side (VVQ2 J side (VVQ2 nifold Manifo VVQ2 Electric	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse old block asser 2000-1A- cal entry •	embly no. (F Nil B embly no. (F E embly > Tie-ro nbly no.	ion Cor Built-in siler For L kit) od (2 pcs.) and	mmon EXH Image: Note 1) The ⁽⁵⁾ 's fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached Enclosure • Port size Nil One-touch fitting for ø4 Nil	
) () /a)	J side VVQ2 J side VVQ2 nifold Manifo VVQ2 Electric F1	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse old block asser 2000-1A- cal entry •	mbly no. (F Nil B mbly no. (F mbly > Tie-ro nbly no. 	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring	Immon EXH Note 1) The ^(b) 's fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Enclosure • Port size Nil C4 One-touch fitting for ø4 C6 One-touch fitting for ø6	
) () /a	J side VVQ2 J side VVQ2 nifold Manifo VVQ2 Electric F1 F2	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- cal entry • F kit for 2 to F kit for 13 to	embly no. (F Nil B embly no. (F E embly > Tie-ro nbly no.	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring uble wiring	mmon EXH Note 1) The ^(§) 's fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached Enclosure Quantization Note 3 • Port size Nii Dusttight/Low jetproof type (IP65) • C4 One-touch fitting for ø4 Note 7, P, J, G kits are available with "Nii" only. M kit is available with [W] only. M kit is available with [W] only.	
) () //a	J side VVQ2 J side VVQ2 nifold Manifo VVQ2 Electric F1	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- cal entry • F kit for 2 to F kit for 13 to	mbly no. (F Nil R S mbly no. (F mbly > Tie-ro nbly no. 	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring uble wiring gle wiring	Immon EXH Note 1) The ⁽¹⁵⁾ 's fitting assembly is included. ternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Enclosure • Port size Note 7 One-touch fitting for ø4 C4 One-touch fitting for ø6 Note 7, J, G kits are available with "Nii" only. M kit is available with [W] only. S, L, T kits are selectable, depending	
) () //a	J side VVQ2 J side VVQ2 nifold Manifo VVQ2 Electric F1 F2 F3	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I Block Asse bld block asser 2000-1A- cal entry • F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to	mbly no. (F Nil R S mbly no. (F S mbly>Tie-r nbly no. 	ble wiring ble wiring ble wiring ble wiring ble wiring	Immon EXH Note 1) The ^(b) 's fitting assembly is included. Iternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size • Enclosure C4 One-touch fitting for ø4 C8 One-touch fitting for ø8	
) () //a	J side VVQ2 J side VVQ2 Nifold Manifo VVQ2 Electric F1 F2 F3 P1	end plate asse 2000-2A-1- end plate asse 2000-2A-1-l Block Asse bld block asser 2000-1A- cal entry F kit for 2 to F kit for 2 to	mbly no. (F Nil S mbly no. (F mbly > Tie-ro nbly no. = 12 stations/Doul 24 stations/Doul 24 stations/Jound 24 stations/Jound 25 stations/Jound 24 stations/Jound 24 stations/Jound	on Cor Built-in siler or L kit) od (2 pcs.) and ble wiring ble wiring gle wiring Double wiring Double wiring	Immon EXH Note 1) The ^(§) 's fitting assembly is included. Iternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Enclosure • Port size • Mil Dusttight/Low jetproof type (IP65) • C4 One-touch fitting for ø4 Note 7, P, J, G kits are available with "Nii" only. • Kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type.	
) () /a	J side (VVQ2 J side (VVQ2 nifold Manifo VVQ2 Electric F1 F3 P1 P2	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse d block asser 2000-1A- F kit for 2 to F kit for 2 to S kit for 1 3 to F kit for 2 to F kit for 2 to K kit for 2 to S kit for 1 3 to K kit for 2 to K kit for	mbly no. (F Nil S mbly no. (F mbly > Tie-ro nbly no. = 12 stations/Doul 24 stations/Doul 24 stations/Jound 24 stations/Jound 25 stations/Jound 24 stations/Jound 24 stations/Jound	on Cor Built-in siler or L kit) od (2 pcs.) and ble wiring ble wiring ble wiring Double wiring Double wiring Double wiring	Immon EXH Note 1) The ^(§) 's fitting assembly is included. Iternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Enclosure • Port size • Mil ① Dusttight/Low jetproof type (IP65) C4 One-touch fitting for ø4 Note F, P, J, G kits are available with "Nii" only. Kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type.	
) () //a	J side VVQ2 J side VVQ2 nifold Manifo VVQ2 Electric F1 F2 F3 P1 P2 P3	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- cal entry • F kit for 2 to F kit for 2 to Kit for 2 to C R, S kit for L O kit	mbly no. (F Nil S mbly no. (F mbly no. (F mbly no. (F mbly no. 	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring ble wiring ble wiring Double wiring Double wiring Double wiring Single wiring 8)	Immon EXH Immon EXH Immon EXH Immon EXH ternal pilot Note 1) The fully is fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for 1), 2), 3, and 4. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Enclosure • Enclosure • Enclosure • C4 One-touch fitting for ø4 • C8 Note 7) G kits are available with "Nil" only. M kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type. • Fitting Assembly> • For cylinder port	
) () /a)	J side over the second	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- cal entry • F kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to C K kit for 13 to F K kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to Kit for 13 to F kit for 2 to C K kit for 13 to F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to Kit for 2 to Kit for 2 to Kit for 2 to Kit for 2 to F kit for 2 to	mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Jong 2 to 12 stations/ 3 to 24 stations/ 2 to 24 stations/ 1 to 24 stations/ 1 to 24 stations/ 2 to 24 stations/ 1 to 24 stations/ 2 to 24 stations/ 1 to 24 stations/ 2 to 24 stations/ 2 to 24 stations/ 1 to 24 stations/ 2 to 24 stations/ 2 to 24 stations/ 1 to 24 stations/ 1 to 24 stations/ 2 to 24 stations/ 1 to 24	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and od (2 pcs.) and ble wiring uble wiring le wiring le wiring Double wiring Single wiring 8) 8)	Immon EXH	
) (, 1a)	J side VVQ2 J side VVQ2 nifold Manifo VVQ2 Electric F1 F2 F3 P1 P2 P3 L0 L1	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- cal entry • F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to C R kit for 1 to F kit for 2 to C R kit for 1 to C R kit for 1 to F kit for 2 to C R kit for 1 to C R kit for 2 to C R k	mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Sing 2 to 24 stations/ 3 to 24 stations/ - Stations (1 to Stations (1 to	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring uble wiring gle wiring Double wiring Double wiring Single wiring 8) 8)	Immon EXH Note 1) The ^(§) 's fitting assembly is included. Iternal pilot Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Enclosure • Port size • Mil ① Dusttight/Low jetproof type (IP65) C4 One-touch fitting for ø4 Note F, P, J, G kits are available with "Nii" only. Kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type.	
	J side of VVQ2 J side of VVQ2 nifold Manifo VVQ2 Electric F1 F2 F3 P1 P2 P3 L0 L1 L2 T1 T3	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to Kit for 2 to F kit for 2 to Kit for 2 to Cal entry • A G, S kit for L0 kit L1 kit L2 kit T kit for 2 to T kit for 2 to	mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Jour 2 to 12 stations/I 3 to 24 stations/I 3 to 24 stations/I 3 to 24 stations/I 0 Stations (1 to 0 Stations(1 to 20 stations/Doul 20 stations/Doul 20 stations/Doul 20 stations/Doul	on Cor Ex Built-in siler or L kit) od (2 pcs.) and ble wiring ble wiring gle wiring Double wiring Double wiring Single wiring 8) 8) 8) ble wiring gle wiring	Immon EXH ternal pilot ncer, direct exhaust Note 1) The ^(§) 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size • C4 One-touch fitting for ø4 C6 • C4 One-touch fitting for ø8 • Fitting Assemblys (1) Fitting assembly part no. (For cylinder port) • VQ1000-51A- • Port size • Port size • Port size	
	J side of VVQ2 J side of VVQ2 Nifold Manifo VVQ2 Electric F1 F2 F3 P1 P2 P3 L0 L1 L1 T3 M1	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to K kit for 1 3 to F kit for 2 to K kit for 2 to C R, J, G, S kit for L0 kit L1 kit L2 kit T kit for 2 to T kit for 2 to K kit for 2 to	mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/I 12 stations/I 2 to 12 stations/I 10 Stations (1 to 3 Stations (1 to 3 Stations (1 to 3 Stations/I to 3 ostations/Doul 20 stations/Doul 20 stations/Doul	on Cor Ex Built-in siler or L kit) od (2 pcs.) and ble wiring ble wiring Double wiring Double wiring Double wiring Ble wiring 8) 8) 8) ble wiring gle wiring ble wiring	mmon EXH ternal pilot ncer, direct exhaust Note 1) The ⁽⁵⁾ 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1, (2), (3), and (4). For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size <u>C4</u> One-touch fitting for ø4 C6 One-touch fitting for ø8 Note) F, P, J, G kits are available with ^(W) only. K kit is available with ^(W) only. S, L, T kits are selectable, depending upon the manifold type. Fitting Assembly> (1) Fitting assembly part no. (For cylinder port) VVQ1000-51A- • Port size • Note) Purchasing order is available	
	J side over the second	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse d block asser 2000-1A- cal entry • F kit for 2 to F kit for 2 to F, J, G, S kit for P, J, G, S kit for L0 kit L1 kit L2 kit T kit for 2 to T kit for 2 to T kit for 2 to T kit for 2 to M kit for 13 to	mbly no. (F Nill Sembly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Jou 2 to 12 stations/ 3 to 24 stations/ 1 to 20 stations (1 to 3 stations (1 to 3 stations (1 to 3 stations/Doul 20 stations/Doul 20 stations/Doul 20 stations/Doul 20 stations/Doul	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring ble wiring ble wiring ble wiring ble wiring Single wiring 8) 8) 8) ble wiring gle wiring gle wiring ble wiring uble wiring	Immon EXH	
) () /a)	J side of VVQ2 J side of VVQ2 Nifold Manifo VVQ2 Electric F1 F2 F3 P1 P2 P3 L0 L1 L1 T3 M1	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse d block asser 2000-1A- cal entry • F kit for 2 to F kit for 2 to F, J, G, S kit for P, J, G, S kit for L0 kit L1 kit L2 kit T kit for 2 to T kit for 2 to T kit for 2 to T kit for 2 to M kit for 13 to	mbly no. (F Nil B smbly no. (F smbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/I 2 to 12 stations/I 2 to 12 stations/I 2 to 24 stations/ 2 to 24 stations/ 3 to 24 stations/ 1 to 25 stations (1 to 3 Stations (1 to 3 Stations (1 to 3 Stations (1 to 3 Stations/Doul 20 stations/Doul 20 stations/Doul 20 stations/Doul	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring ble wiring ble wiring ble wiring ble wiring Single wiring 8) 8) 8) ble wiring gle wiring gle wiring ble wiring uble wiring	mmon EXH Image: Second state of the condition of the conditis of the condition of the conditis of the condition o	
	J side of VVQ2 J side of VVQ2 Nifold Manifo VVQ2 Electric F1 F2 F3 L0 L1 L2 T1 T3 M1 M2 M3	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to K kit for 2 to F kit for 2 to C R, J, G, S kit for L C kit L 2 kit L 2 kit T kit for 2 to M kit for 13 to M kit for 13 to M kit for 2 to	mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Joul 3 to 24 stations/ 10 12 stations/ 1 to 24 stations/ 2 to 24 stations/ 3 to 24 stations/ 1 to 24 stations (1 to 3 stations (1 to 3 stations/I to 2 0 stations/Dou 20 stations/Dou 20 stations/Dou 20 stations/Dou 20 stations/Dou 24 stations/Dou 24 stations/Dou	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring gle wiring Double wiring Double wiring Double wiring Bouble wiring Single wiring 8) 8) ble wiring gle wiring gle wiring gle wiring gle wiring	mmon EXH ternal pilot neer, direct exhaust Note 1) The ⁽¹⁵⁾ 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size <u>C4</u> One-touch fitting for ø4 C6 One-touch fitting for ø8 Note 1) The ⁽¹⁵⁾ 's fitting assembly part no. (For cylinder port) Note 3) Separately place an order is available in units of 10 pieces. (1) Port size <u>C4</u> One-touch fitting for ø4 C6 One-touch fitting for ø8 Note 9, P, P, J, G kits are available with "Nil" only. M kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type. • Fitting Assembly> (M Fitting assembly part no. (For cylinder port) VVQ1000-51A- One to pluchasing order is available • Port size • Port size • Sitting assembly part no. (For P, R ports)	
	J side of VVQ2 J side of VVQ2 Nifold Manifo VVQ2 Electric F1 F2 F3 L0 L1 T1 T3 M1 M2 M3 <repl< td=""><td>end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to Kit for 2 to A G, S kit for L0 kit L1 kit L2 kit T kit for 2 to M kit for 13 to M kit for 13 to M kit for 2 to</td><td>mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/I to 3 to 24 stations/I 15 stations (1 to 3 Stations (1 to 3 Stations/I to 3 stations/Doul 20 stations/Doul 20 stations/Doul 21 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul</td><td>ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring gle wiring Double wiring Double wiring Double wiring Bouble wiring Single wiring 8) 8) ble wiring gle wiring gle wiring gle wiring gle wiring</td><td>mmon EXH ternal pilot neer, direct exhaust Note 1) The ⁽¹⁵⁾'s fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size <u>C4</u> One-touch fitting for ø4 C6 One-touch fitting for ø8 Note 1) The ⁽¹⁵⁾'s fitting assembly part no. (For cylinder port) Note 3) Separately place an order is available in units of 10 pieces. (1) Port size <u>C4</u> One-touch fitting for ø4 C6 One-touch fitting for ø8 Note 9, P, P, J, G kits are available with "Nil" only. M kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type. • Fitting Assembly> (M Fitting assembly part no. (For cylinder port) VVQ1000-51A- One to pluchasing order is available • Port size • Port size • Sitting assembly part no. (For P, R ports)</td><td></td></repl<>	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to Kit for 2 to A G, S kit for L0 kit L1 kit L2 kit T kit for 2 to M kit for 13 to M kit for 13 to M kit for 2 to	mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/I to 3 to 24 stations/I 15 stations (1 to 3 Stations (1 to 3 Stations/I to 3 stations/Doul 20 stations/Doul 20 stations/Doul 21 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring gle wiring Double wiring Double wiring Double wiring Bouble wiring Single wiring 8) 8) ble wiring gle wiring gle wiring gle wiring gle wiring	mmon EXH ternal pilot neer, direct exhaust Note 1) The ⁽¹⁵⁾ 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size <u>C4</u> One-touch fitting for ø4 C6 One-touch fitting for ø8 Note 1) The ⁽¹⁵⁾ 's fitting assembly part no. (For cylinder port) Note 3) Separately place an order is available in units of 10 pieces. (1) Port size <u>C4</u> One-touch fitting for ø4 C6 One-touch fitting for ø8 Note 9, P, P, J, G kits are available with "Nil" only. M kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type. • Fitting Assembly> (M Fitting assembly part no. (For cylinder port) VVQ1000-51A- One to pluchasing order is available • Port size • Port size • Sitting assembly part no. (For P, R ports)	
	J side of VVQ2 J side of VVQ2 Nifold Manifo VVQ2 Electric F1 F2 F3 L0 L1 T1 T3 M1 M2 M3 <repl< td=""><td>end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to K kit for 2 to F kit for 2 to C R, J, G, S kit for L C kit L 2 kit L 2 kit T kit for 2 to M kit for 13 to M kit for 13 to M kit for 2 to</td><td>mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/I to 3 to 24 stations/I 15 stations (1 to 3 Stations (1 to 3 Stations/I to 3 stations/Doul 20 stations/Doul 20 stations/Doul 21 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul</td><td>ion Cor Ex Built-in siler for L kit) od (2 pcs.) and ble wiring gle wiring Double wiring Double wiring Double wiring Bouble wiring Single wiring 8) 8) ble wiring gle wiring gle wiring gle wiring gle wiring</td><td>mmon EXH ternal pilot neer, direct exhaust Mote 1) The ⁽⁵⁾'s fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size C4 One-touch fitting for ø4 C6 One-touch fitting for ø8 Net 9, P, P, J, G kits are available with "Nil" only. Kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type. Fitting Assembly> (I) Fitting assembly part no. (For cylinder port) VVQ1000-51A- O Note) Purchasing order is available Mote) Purchasing order is available VQ2000-51A-C10</td><td></td></repl<>	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to K kit for 2 to F kit for 2 to C R, J, G, S kit for L C kit L 2 kit L 2 kit T kit for 2 to M kit for 13 to M kit for 13 to M kit for 2 to	mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/I to 3 to 24 stations/I 15 stations (1 to 3 Stations (1 to 3 Stations/I to 3 stations/Doul 20 stations/Doul 20 stations/Doul 21 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul	ion Cor Ex Built-in siler for L kit) od (2 pcs.) and ble wiring gle wiring Double wiring Double wiring Double wiring Bouble wiring Single wiring 8) 8) ble wiring gle wiring gle wiring gle wiring gle wiring	mmon EXH ternal pilot neer, direct exhaust Mote 1) The ⁽⁵⁾ 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size C4 One-touch fitting for ø4 C6 One-touch fitting for ø8 Net 9, P, P, J, G kits are available with "Nil" only. Kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type. Fitting Assembly> (I) Fitting assembly part no. (For cylinder port) VVQ1000-51A- O Note) Purchasing order is available Mote) Purchasing order is available VQ2000-51A-C10	
	J side of VVQ2 J side of VVQ2 Nifold Manifo VVQ2 Electric F1 F2 F3 L0 L1 T1 T3 M1 M2 M3 <repl< td=""><td>end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to Kit for 2 to A G, S kit for L0 kit L1 kit L2 kit T kit for 2 to M kit for 13 to M kit for 13 to M kit for 2 to</td><td>mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/I to 3 to 24 stations/I 15 stations (1 to 3 Stations (1 to 3 Stations/I to 3 stations/Doul 20 stations/Doul 20 stations/Doul 21 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul</td><td>ion Cor Ex Built-in siler for L kit) od (2 pcs.) and ble wiring gle wiring Double wiring Double wiring Double wiring Bouble wiring Single wiring 8) 8) ble wiring gle wiring gle wiring gle wiring gle wiring</td><td>mmon EXH ternal plot neer, direct exhaust Mote 1) The ^(h)'s fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dustlight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size • Ca One-touch fitting for ø4 Ca One-touch fitting for ø6 Ca One-touch fitting for ø8 • VUQ1000-51A- Ca One-touch fitting assembly part no. (For cylinder port) • Fitting assembly part no. (For P, R ports) • VVQ1000-51A- Ca One-touch fitting of 0 • Fitting assembly part no. (For P, R ports) • Fitting assembly part no. (For P, R ports) • Fitting assembly part no. (For P, R ports) • VVQ2000-51A-C10</td><td></td></repl<>	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to Kit for 2 to A G, S kit for L0 kit L1 kit L2 kit T kit for 2 to M kit for 13 to M kit for 13 to M kit for 2 to	mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. (F mbly no. 12 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/I to 3 to 24 stations/I 15 stations (1 to 3 Stations (1 to 3 Stations/I to 3 stations/Doul 20 stations/Doul 20 stations/Doul 21 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul 24 stations/Doul	ion Cor Ex Built-in siler for L kit) od (2 pcs.) and ble wiring gle wiring Double wiring Double wiring Double wiring Bouble wiring Single wiring 8) 8) ble wiring gle wiring gle wiring gle wiring gle wiring	mmon EXH ternal plot neer, direct exhaust Mote 1) The ^(h) 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dustlight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size • Ca One-touch fitting for ø4 Ca One-touch fitting for ø6 Ca One-touch fitting for ø8 • VUQ1000-51A- Ca One-touch fitting assembly part no. (For cylinder port) • Fitting assembly part no. (For P, R ports) • VVQ1000-51A- Ca One-touch fitting of 0 • Fitting assembly part no. (For P, R ports) • Fitting assembly part no. (For P, R ports) • Fitting assembly part no. (For P, R ports) • VVQ2000-51A-C10	
	J side of VVQ2 J side of VVQ2 nifold Manifo VVQ2 Electric F1 F2 F3 P1 P2 P3 L0 L1 L2 T1 T3 M1 M2 Kepla Repla No.	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I Block Asse bl block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to S kit for 1 P, J, G, S kit for L0 kit L1 kit L2 kit T kit for 2 to M kit for 1 to M kit for 1 to acement Part Part no.	mbly no. (F Nill R S mbly no. (F mbly no. (F mbly no. (F mbly no. 	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring le wiring gle wiring ble wiring ble wiring ble wiring ble wiring ble wiring ble wiring ble wiring ble wiring the wiring ble wiring ble wiring mifold Blc	mmon EXH ternal plidt neer, direct exhaust Mote 1) The ^(h) 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for ①, ②, ③, and ④. For Dusttight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size • One-touch fitting for ø4 C4 One-touch fitting for ø8 • Port size • Citting Assembly • Citting Assembly • Citting Assembly • Fitting assembly part no. (For cylinder port) VVQ1000-51A- • Port size • Port size • Distight/Low jetproof type (IP65) Note)? Note) Purchasing order is available in units of 10 pieces. • Fitting assembly part no. (For cylinder port) VVQ2000-51A- • Port size • Note) • Fitting assembly part no. (For P, R ports) VVQ2000-51A- • Port size • One Purchasing order is available in units of 10 pieces. • Fitting assembly part no. (For P, R ports) VVQ2000-51A- • Applicable tubing ø1	
	J side of VVQ2 J side of VVQ2 nifold Manifo VVQ2 Electric F1 F2 F3 P1 P2 P3 L0 L1 L2 T1 T3 M1 M2 SRepla Repla No. 10 V0	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- cal entry • F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to C K K tor P, J, G, S kit for L0 kit L1 kit L1 kit L2 kit T kit for 2 to M kit for 2 to A kit for 2 to M kit for 2 to A kit for 2 to M kit for 2 to M kit for 2 to A kit for 2 to M kit for 2 to A kit for 2 to	mbly no. (F Nil R S embly no. (F Embly> Tie-ro nbly no. 	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring uble wiring gle wiring ble wiring ble wiring ble wiring ble wiring gle wiring ble wiring gle wiring ble wiring dle wiring ble wiring ble wiring fle wiring ble wiring ble wiring ble wiring ble wiring ble wiring fle wiring ble wiring	mmon EXH ternal pilot neer, direct exhaust Note 1) The ^(h) 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dustlight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Enclosure • Port size • Enclosure • Q One-touch fitting for ø4 C6 One-touch fitting for ø8 • Note) P. P. J. G kits are available with "Nil" only. M kit is available with [W] only. S, L, T kits are selectable, depending upon the manifold type. • Fitting Assembly> • Port size • Port size • W Q1000-51A- • Port size • Port size • Note) Purchasing order is available in units of 10 pieces. • Sitting assembly part no. (For Cylinder port) VVQ1000-51A- • Port size • Port size • Note) Purchasing order is available in units of 10 pieces. • Sitting assembly part no. (For P, R ports) VVQ2000-51A-C10 • Applicable tubing ø10 • Applicable tubing ø10 • Applicable tubing ø10	
	J side of VVQ2 J side of VVQ2 nifold Manifo VVQ2 Electric F1 F2 F3 P1 P2 P3 L0 L1 L2 T1 T1 T3 M1 M2 M3 <repla Repla</repla 	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I Block Asse bl block asser 2000-1A- F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to S kit for 1 P, J, G, S kit for L0 kit L1 kit L2 kit T kit for 2 to M kit for 13 to M kit for 13 to M kit for 2 to Acement Part Part no. VVQ2000-80A-1 VVQ2000-80A-2	mbly no. (F Nil R S mbly no. (F mbly no. (F mbly no. (F mbly no. (F mbly no. 	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring ble wiring Double wiring Double wiring Double wiring Ble wiring ble wiring gle wiring gle wiring ble wiring mifold Blc Materia HNBR HNBR	mmon EXH ternal pilot neer, direct exhaust Mote 1) The ^(h) 's fitting assembly is included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dustlight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Port size • Call One-touch fitting for a4 CG One-touch fitting for a8 • Note 1) The ^(h) 's fitting assembly part no. (For cylinder port). VVQ1000-51A- • Fitting assembly part no. (For cylinder port). VVQ1000-51A- • Port size • Mill is available upon the manifold type. • Fitting assembly part no. (For cylinder port). VVQ1000-51A- • One-touch fitting assembly part no. (For P, R ports). VVQ2000-51A- • Port size • Note) Purchasing order is available in units of 10 pieces. • Number • Note) Purchasing order is available in units of 10 pieces.	
	J side (VVQ2 J side (VVQ2 nifold Manifo VVQ2 Electric F1 F2 F3 P1 P2 P3 L0 L1 L2 T1 T3 M1 M2 M3 <repla Repla No. () () () () () () () () () () () () ()</repla 	end plate asse 2000-2A-1- end plate asse 2000-2A-1-I d Block Asse bld block asser 2000-1A- cal entry • F kit for 2 to F kit for 2 to F kit for 2 to F kit for 2 to C K K tor P, J, G, S kit for L0 kit L1 kit L1 kit L2 kit T kit for 2 to M kit for 2 to A kit for 2 to M kit for 2 to A kit for 2 to M kit for 2 to M kit for 2 to A kit for 2 to M kit for 2 to A kit for 2 to	mbly no. (F Nil R S embly no. (F Embly> Tie-ro nbly no. 	ion Cor Ex Built-in siler For L kit) od (2 pcs.) and ble wiring uble wiring gle wiring ble wiring ble wiring ble wiring ble wiring gle wiring ble wiring gle wiring ble wiring dle wiring ble wiring ble wiring fle wiring ble wiring ble wiring ble wiring ble wiring ble wiring fle wiring ble wiring	mmon EXH Image: Second structure included. ternal pilot Note 1) The ^(h) 's fitting assembly and SI unit of F/P/J/G/S kit are not included. Note 2) The housing assembly and SI unit of F/P/J/G/S kit are not included. Note 3) Separately place an order for (1), (2), (3), and (4). For Dustlight/Low jetproof type (IP65), please consult with SMC. d lead wire assembly for extensions are attached • Enclosure • Port size • Enclosure • Q Note 1) The (^h / ₂) (H) (H) (H) (H) (H) (H) (H) (H) (H) (H	

<Housing Assembly and SI Unit> Housing assembly and SI unit no.