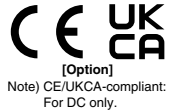


# Base Mounted Plug-in Unit

# VQ5000 Series



## How to Order Manifold

VV5Q 5 1 - 08 03 FU1 - -

| Series |        |
|--------|--------|
| 5      | VQ5000 |

| Manifold |              |
|----------|--------------|
| 1        | Plug-in unit |

| Station |           |
|---------|-----------|
| 01      | 1 station |
| .       | .         |
| .       | .         |
| .       | .         |

Minimum number of stations depends on the kit.  
(Refer to the table below.)

| Cylinder port |                        |
|---------------|------------------------|
| 03            | 3/8                    |
| 04            | 1/2                    |
| B             | Bottom ported 1/2      |
| CM            | Mixed <sup>Note)</sup> |

Note) In case of mixed specification, indicate on the manifold specification sheet.

| Thread type |      |
|-------------|------|
| Nil         | Rc   |
| F           | G    |
| N           | NPT  |
| T           | NPTF |

### Option

| Symbol                 | Option                                                            |
|------------------------|-------------------------------------------------------------------|
| Nil                    | None                                                              |
| CD1 <sup>Note 2)</sup> | Exhaust cleaner for Rc 1: D side exhaust                          |
| CD2 <sup>Note 2)</sup> | Exhaust cleaner for Rc 1 1/2: D side exhaust                      |
| CU1 <sup>Note 2)</sup> | Exhaust cleaner for Rc 1: U side exhaust                          |
| CU2 <sup>Note 2)</sup> | Exhaust cleaner for Rc 1 1/2: U side exhaust                      |
| K <sup>Note 4)</sup>   | Special wiring specifications (Except double wiring)              |
| N                      | Name plate (T kit only)                                           |
| SB <sup>Note 3)</sup>  | Direct exhaust with silencer box: Exhaust from both D and U sides |
| SD <sup>Note 2)</sup>  | Direct exhaust with silencer box: D side exhaust                  |
| SU <sup>Note 2)</sup>  | Direct exhaust with silencer box: U side exhaust                  |
| W                      | IP65 enclosure (Except F and T1 kits)                             |

Note 1) When multiple symbols are specified, indicate them by letter in the order that they appear in the table, starting from the top. Example - CU1K

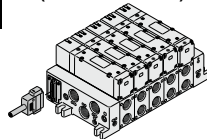
Note 2) Combination of [C5] and [S5] is not possible. Also, exhaust cleaner is not attached. Please order it separately.

Note 3) Available only with F, L and T1 kits.

Note 4) Specify the wiring specifications on the manifold specification sheet. (Except L kit)

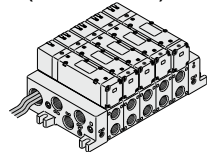
### Kit/Electrical entry/Cable length

#### F Kit (D-sub connector)



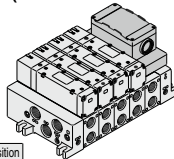
| Connector entry direction |        | Without cable      | 1 to 12 stations |
|---------------------------|--------|--------------------|------------------|
| D side                    | U side |                    |                  |
| FD0                       | FU0    |                    |                  |
| FD1                       | FU1    | Cable length 1.5 m |                  |
| FD2                       | FU2    | Cable length 3 m   |                  |
| FD3                       | FU3    | Cable length 5 m   |                  |

#### L Kit (Lead wire cable)



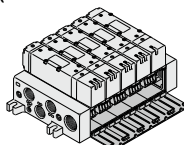
| Connector entry direction |        | IP65 compatible    | 1 to 12 stations |
|---------------------------|--------|--------------------|------------------|
| D side                    | U side |                    |                  |
| LD0                       | LU0    | Cable length 0.6 m |                  |
| LD1                       | LU1    | Cable length 1.5 m |                  |
| LD2                       | LU2    | Cable length 3 m   |                  |

#### T Kit (Terminal block box kit)



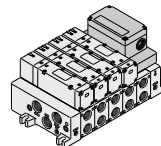
| Box mounting position |        | IP65 compatible    | 2 to 12 stations <sup>Note)</sup> |
|-----------------------|--------|--------------------|-----------------------------------|
| D side                | U side |                    |                                   |
| TD                    | TU     | Terminal block box |                                   |

#### T1 Kit (Individual terminal block kit)



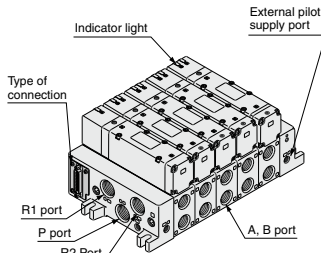
| Unit mounting position |        | IP65 compatible        | 2 to 12 stations <sup>Note)</sup> |
|------------------------|--------|------------------------|-----------------------------------|
| D side                 | U side |                        |                                   |
| SD0                    | SU0    | Without SI Unit        |                                   |
| SDQ                    | SUQ    | DeviceNet <sup>®</sup> |                                   |
| SDV                    | SUV    | CC-LINK System         |                                   |

#### S Kit (Serial transmission unit)



The valve voltage is 24 VDC and it is equipped with light/surge voltage suppressor.

IP65 compatible

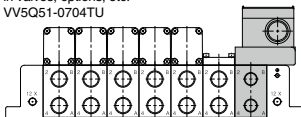


Note) Figure shows VV5Q51-0504FD0.

### S, T kit

When mounting a terminal block box or serial unit, be aware that they take up 2 stations of the manifold. In the drawing below, you can see that the 8 manifold stations, 6 stations are available to be used for built-in valves, options, etc.

VV5Q51-0704TU



Note) For the T kit and S kit, one station is required to mount the terminal block box or SI Unit, so the minimum number of stations is 2 stations.

# Base Mounted

## Plug Lead Unit: C Kit (Connector Kit)

# VQ5000 Series



[Option]  
Note) CE/UKCA-compliant:  
For DC only.

### How to Order Manifold

**VV5Q 5 5 - 08 03 C -**

**Series**  
5 VQ5000

**Manifold**  
5 Plug lead unit

**Stations**  
01 1 station  
12 12 stations

**Cylinder port**  
03 3/8  
04 1/2  
B Bottom ported 1/2  
CM Mixed

**Thread type**  
Nil Rc  
F G  
N NPT  
T NPTF

**Kit type**  
**C** Kit (Connector)

**CE/UKCA-compliant**  
Nil —  
Q CE/UKCA-compliant

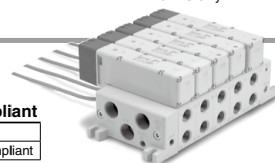
**Option**

| Symbol | Option                                                            |
|--------|-------------------------------------------------------------------|
| Nil    | None                                                              |
| CD1    | Exhaust cleaner for Rc 1: D side exhaust                          |
| CD2    | Exhaust cleaner for Rc 1 1/2: D side exhaust                      |
| CU1    | Exhaust cleaner for Rc 1: U side exhaust                          |
| CU2    | Exhaust cleaner for Rc 1 1/2: U side exhaust                      |
| SB     | Direct exhaust with silencer box: Exhaust from both U and D sides |
| SD     | Direct exhaust with silencer box: D side exhaust                  |
| SU     | Direct exhaust with silencer box: U side exhaust                  |
| W      | IP65 enclosure                                                    |

Note 1) Combination of [CU] and [SB] is not possible. Also, exhaust cleaner is not attached. Please order it separately.

**Refer to page 520 (Grommet type) for wiring specifications.**

**C** Connector kit Max. 12 stations



### How to Order Valves

**VQ 5 1 5 0 - 5 G -**

**Series**  
5 VQ5000

**Type of actuation**  
1 2-position single  
2 2-position double  
3 3-position closed center  
4 3-position exhaust center  
5 3-position pressure center  
6 3-position double check

**Seal**  
0 Metal seal  
1 Rubber seal

**Function**  
Nil Note 1) Standard (0.95 W)  
Y Note 2) Low wattage type (0.4 W)  
R Note 3) External pilot

**CE/UKCA-compliant**  
Nil —  
Q CE/UKCA-compliant  
Note) CE/UKCA-compliant:  
For DC only.

**Enclosure**  
Nil Dust-protected  
W Dust-tight/ Water-jet-proof (IP65)

**Manual override**  
Nil: Non-locking push type (Tool required)  
B: Locking type (Tool required)  
C: Locking type (Manual)

**Light/Surge voltage suppressor**  
Nil Yes  
E Without light, with surge voltage suppressor

**Electrical entry**  
G Lead wire length 0.6 m  
H Lead wire length 1.5 m

**Coil voltage**  
1 100 VAC (50/60 Hz)  
2 200 VAC (50/60 Hz)  
3 110 VAC (50/60 Hz)  
4 220 VAC (50/60 Hz)  
5 24 VDC  
6 12 VDC

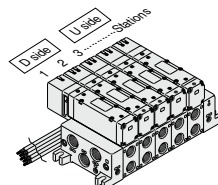
### How to Order Manifold Assembly

Specify the part numbers for valves and options together beneath the manifold base part number.

**<Example>**  
Connector kit  
VV505-05042C(-Q)-...1 set—Manifold base part no.  
\*VQ5150-5G1(-Q)-...2 sets—Valve part no. (Stations 1 and 2)  
\*VQ5250-5G1(-Q)-...2 sets—Valve part no. (Stations 3 and 4)  
\*VQ5350-5G1(-Q)-...1 set—Valve part no. (Station 5)

Prefix the asterisk to the part nos. of the valve etc.

Enter in order starting from the first station on the D side. When entry of part numbers becomes complicated, indicate in the manifold specification sheet.



Note 1) When the unit is energized continuously, refer to "Specific Product Precautions 1" on page 519.  
Note 2) In addition, only DC is available with Y.  
Note 3) For details about external pilot specifications, refer to page 513.  
Note 4) When multiple symbols are specified, indicate them alphabetically.