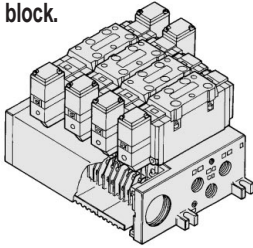


# Series VFS5000 Manifold



## Plug-in: With Terminal Block

- Since lead wires of solenoid valve are connected with the terminals on upper surface of terminal block, corresponding lead wires from power source can be wired at the bottom of terminal block.



VV5FS5 - 01T - 06 1 - 04

Series VFS5000  
Manifold  
Plug-in with  
terminal block

| Stations |             |
|----------|-------------|
| 02       | 2 stations  |
| ⋮        | ⋮           |
| 10       | 10 stations |

• Port size

| Symbol | P, EA, EB              | A, B                   |
|--------|------------------------|------------------------|
| 04     | Rc (PT) <sub>3/4</sub> | Rc (PT) <sub>1/2</sub> |
| 06     | Rc (PT) <sub>3/4</sub> | Rc (PT) <sub>3/4</sub> |
| M      | Mix                    |                        |

| Thread |         |
|--------|---------|
| —      | Rc (PT) |
| N*     | NPT     |
| T*     | NPTF    |
| F*     | G (PF)  |

| Symbol |                     |                |
|--------|---------------------|----------------|
| Symbol | Port specifications | Porting (A, B) |
| 1      | Common              | Side           |
| 2      | Common              | Bottom*        |

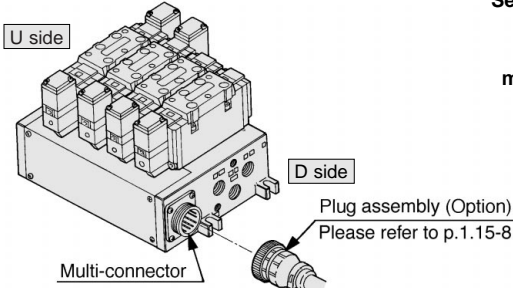
\* Option

\* Bottom ported:  
1/2Rc (PT) only.

## Plug-in: With Multi-connector

(Wiring specifications: Please refer to p.1.15-8.)

- Master connection of power and solenoid valves.
- Quick wiring permits easier installation.



VV5FS5 - 01C D - 05 2 - 04

Series VFS5000  
Manifold  
Plug-in with  
multi-connector

| Mounting direction of connector |                 |
|---------------------------------|-----------------|
| D                               | D side mounting |
| U                               | U side mounting |

| Stations |            |
|----------|------------|
| 02       | 2 stations |
| ⋮        | ⋮          |
| 08       | 8 stations |

\* Max: 8 stations.

• Port size

| Symbol | P, EA, EB              | A, B                   |
|--------|------------------------|------------------------|
| 04     | Rc (PT) <sub>3/4</sub> | Rc (PT) <sub>1/2</sub> |
| 06     | Rc (PT) <sub>3/4</sub> | Rc (PT) <sub>3/4</sub> |
| M      | Mix                    |                        |

| Thread |         |
|--------|---------|
| —      | Rc (PT) |
| N*     | NPT     |
| T*     | NPTF    |
| F*     | G (PF)  |

| Symbol |                     |                |
|--------|---------------------|----------------|
| Symbol | Port specifications | Porting (A, B) |
| 1      | Common              | Side           |
| 2      | Common              | Bottom*        |

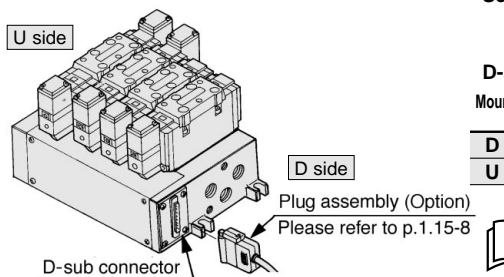
\* Option

\* Bottom ported:  
1/2Rc (PT) only.

## Plug-in: With D-sub Connector

(Wiring specifications: Please refer to p.1.15-8.)

- Wide range of interchangeability (MIL Spec. DIN connector terminal 25 pcs attached.)
- Quick wiring permits easier installation.



VV5FS5 - 01F D - 06 1 - 04

Series VFS5000  
Manifold  
Plug-in with  
D-sub connector

| Mounting direction of connector |                 |
|---------------------------------|-----------------|
| D                               | D side mounting |
| U                               | U side mounting |

| Stations |            |
|----------|------------|
| 02       | 2 stations |
| ⋮        | ⋮          |
| 08       | 8 stations |

\* Max: 8 stations.

• Port size

| Symbol | P, EA, EB              | A, B                   |
|--------|------------------------|------------------------|
| 04     | Rc (PT) <sub>3/4</sub> | Rc (PT) <sub>1/2</sub> |
| 06     | Rc (PT) <sub>3/4</sub> | Rc (PT) <sub>3/4</sub> |
| M      | Mix                    |                        |

| Thread |         |
|--------|---------|
| —      | Rc (PT) |
| N*     | NPT     |
| T*     | NPTF    |
| F*     | G (PF)  |

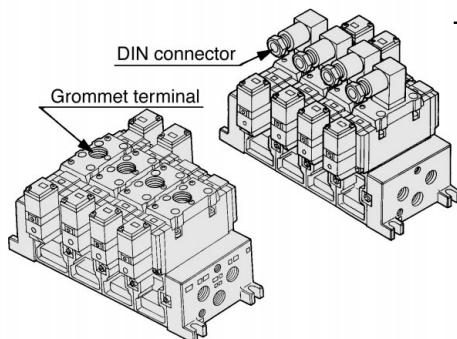
| Symbol |                     |                |
|--------|---------------------|----------------|
| Symbol | Port specifications | Porting (A, B) |
| 1      | Common              | Side           |
| 2      | Common              | Bottom*        |

\* Option

\* Bottom ported:  
1/2Rc (PT) only.

## Non plug-in: Grommet Terminal/DIN Connector

- Wiring for every valve.



VV5FS5 - 10 - 05 2 - 04

Series VFS5000  
Manifold  
Non plug-in

| Stations |             |
|----------|-------------|
| 02       | 2 stations  |
| ⋮        | ⋮           |
| 10       | 10 stations |

| Port size |                        |                        |
|-----------|------------------------|------------------------|
| Symbol    | P, EA, EB              | A, B                   |
| 04        | Rc (PT) <sub>3/4</sub> | Rc (PT) <sub>1/2</sub> |
| 06        | Rc (PT) <sub>3/4</sub> | Rc (PT) <sub>3/4</sub> |
| M         | Mix                    |                        |

| Thread |         |
|--------|---------|
| —      | Rc (PT) |
| N*     | NPT     |
| T*     | NPTF    |
| F*     | G (PF)  |

| Symbol |                     |                |
|--------|---------------------|----------------|
| Symbol | Port specifications | Porting (A, B) |
| 1      | Common              | Side           |
| 2      | Common              | Bottom*        |


\* Option

\* Bottom ported:  
1/2Rc (PT) only.

# VFS5000


## Manifold Specifications

| Base style                      | Wiring                                                                                                                            | Porting      |                | Port size Rc (PT)   |           | No. of stations          | Applicable solenoid valve |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|---------------------|-----------|--------------------------|---------------------------|
|                                 |                                                                                                                                   | A, B port    | A, B port      | P, EA, EB           | A, B      |                          |                           |
| Plug-in<br><b>VV5FS5-01</b> □   | <ul style="list-style-type: none"> <li>With terminal block</li> <li>With multi-connector</li> <li>With D-sub connector</li> </ul> | Side, Bottom | Rc (PT)<br>3/4 | Rc (PT)<br>1/2, 3/4 | 2 to 10 * | VFS5□00-□F               |                           |
| Non plug-in<br><b>VV5FS5-10</b> | <ul style="list-style-type: none"> <li>DIN Connector</li> <li>Grommet terminal</li> </ul>                                         |              |                |                     |           | VFS5□10-□D<br>VFS5□10-□E |                           |

 \* With multi connector, with D sub-connector: 8 stations at max.

## Manifold Stations and Effective Area (mm<sup>2</sup>) (Cv Factor)

| Porting/No. of stations | First station | Fifth station | Tenth station |
|-------------------------|---------------|---------------|---------------|
| P → A or B              | 73.0 (4.05)   | 73.0 (4.05)   | 71.4 (3.97)   |
| A → EA, B → EB          | 88.2 (4.9)    | 88.2 (4.9)    | 88.2 (4.9)    |

 \* Port size: Rc (PT)1/2, 3/4

## How to Order Manifold

Please indicate manifold base mounting style, corresponding valve, and option parts.

<<Example>>

- Plug-in with terminal block –6 stations  
(Manifold base) VV5FS5-01T-061-04 .....1  
(2 position single) VFS5100-5FZ .....3  
(2 position double) VFS5200-5FZ .....2  
(Blanking plate) VVFS5000-10A .....1

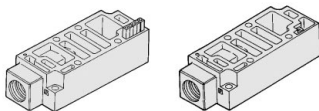
- Non plug-in - 6 stations  
(Manifold base) VV5FS5-10-061-04 .....1  
(2 position single) VFS5110-5D .....5  
(3 position exhaust center) VVFS5410-5D ..1  
(Individual EXH spacer) AXT628-9A-2 .....1

## Manifold/Option Parts Assembly

### Individual SUP spacer

An individual SUP spacer set on manifold block can form SUP port for every valve.

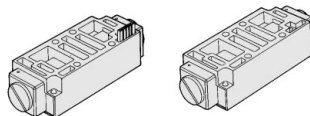
| Body     | Plug-in         | Non plug-in     |
|----------|-----------------|-----------------|
| Part No. | VVFS5000-P-04-1 | VVFS5000-P-04-2 |



### Interface speed control

Needle valve set on the manifold block can control cylinder speed by throttling exhaust.

| Body     | Plug-in        | Non plug-in    |
|----------|----------------|----------------|
| Part No. | VVFS5000-20A-1 | VVFS5000-20A-2 |

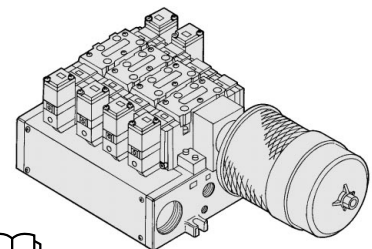


## Manifold Options

### With exhaust cleaner

#### Plug-in/Non plug-in

- Valve exhaust noise dampening: 35dB or more.
- Oil mist collection :  
Rate of collection 99.9% or more.
- Piping process reduced.

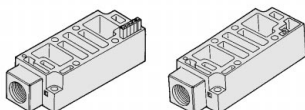


For more information, please refer to p.1.15-95

### Individual EXH spacer

An individual EXH spacer set on manifold block can form EXH port for every valve.

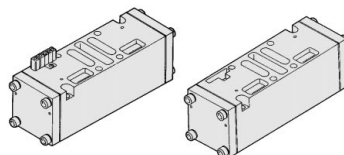
| Body     | Plug-in         | Non plug-in     |
|----------|-----------------|-----------------|
| Part No. | VVFS5000-R-04-1 | VVFS5000-R-04-2 |



### Double check spacer

The concurrent use of double check spacer with built-in double check valve can stop the cylinder at mid-position and hold for a long time without being affected by the air leakage across spool seals.

| Body     | Plug-in        | Non plug-in    |
|----------|----------------|----------------|
| Part No. | VVFS5000-22A-1 | VVFS5000-22A-2 |



### SUP block disk

When supplying manifold with more than two different pressures, high and low, insert a block plate in between stations subjected to different pressures.

| Body     | Plug-in    | Non plug-in |
|----------|------------|-------------|
| Part No. | AXT628-12A |             |

### EXH block disk

When valve exhaust affects the other stations on the circuit or when the reverse pressure valve is used to standard manifold valve, insert EXH block plate in between stations to separate valve exhaust.

| Body     | Plug-in      | Non plug-in |
|----------|--------------|-------------|
| Part No. | AXT512-14-1A |             |




EXH block disk

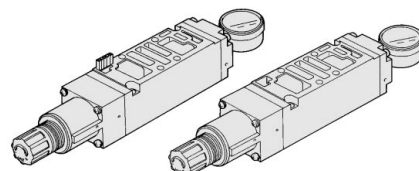


SUP block disk

### Interface regulator

 Interface regulator set on manifold block can regulate the pressure to each valve. Refer to p.1.15-6 for flow characteristic.

| Body         | Plug-in         | Non plug-in     |
|--------------|-----------------|-----------------|
| P regulation | ARBF5050-00-P-1 | ARBF5050-00-P-2 |
| A regulation | ARBF5050-00-A-1 | ARBF5050-00-A-2 |
| B regulation | ARBF5050-00-B-1 | ARBF5050-00-B-2 |



### Blank plate

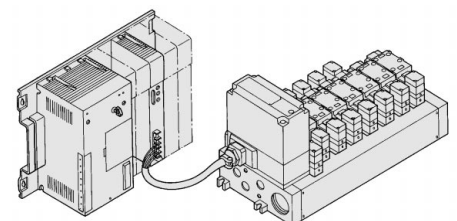
When disassembling valve for maintenance purposes or when spare manifold stations are required, install a blank plate on the manifold block.

| Body     | Plug-in      | Non plug-in |
|----------|--------------|-------------|
| Part No. | VVFS5000-10A |             |

### With serial interface unit

#### Plug-in

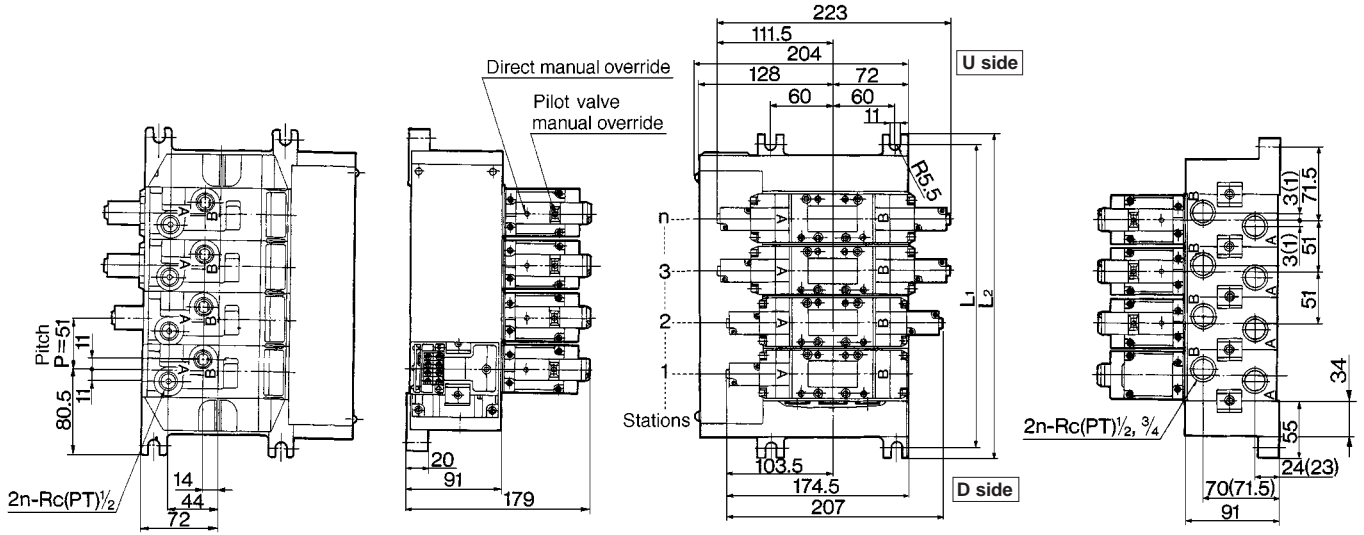
- Solenoid valve wiring process reduced considerably.
- Disperse installation possible.  
Manifold solenoid valve: 8 stations max, 32 positions (512 solenoids).
- Maintenance and inspection are easy.



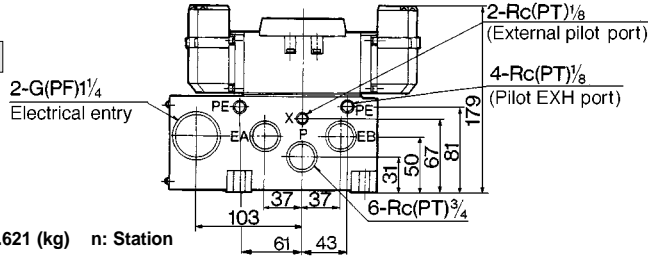


## Manifold Plug-in/Non Plug-in

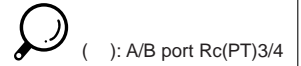
### Plug-in (with terminal block): VV5FS5-01T- Station 1- Port size



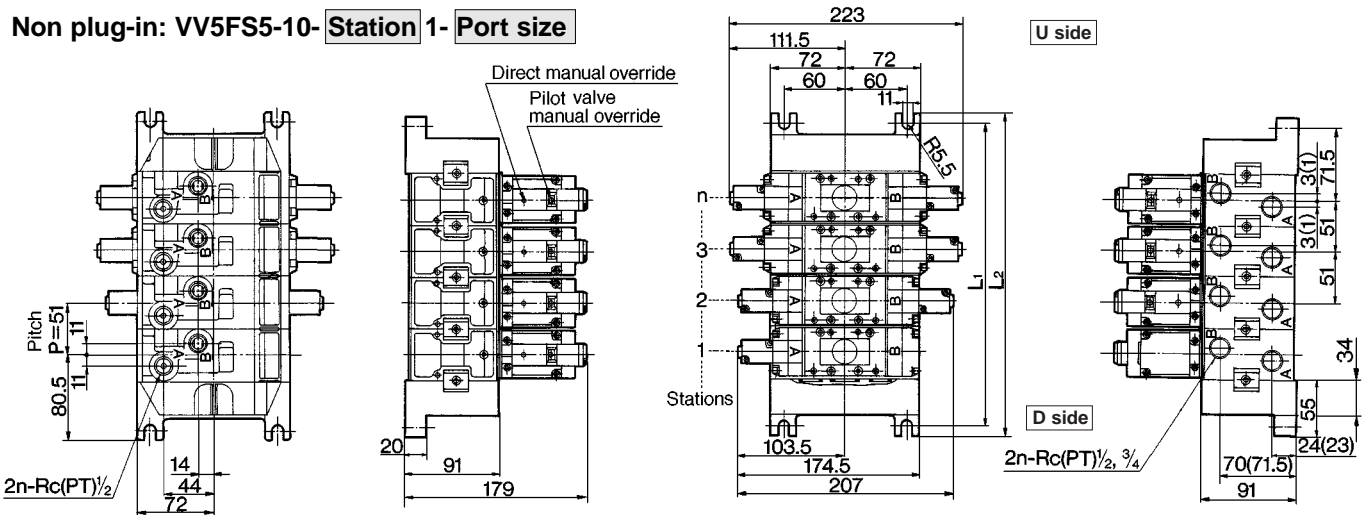
### Bottom ported: VV5FS5-01T- Station 2- Port size



General formula of weight/Manifold  $M=0.911n+1.621$  (kg) n: Station

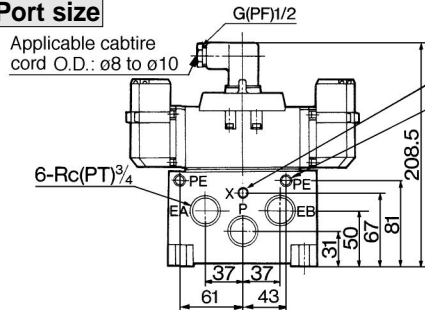


### Non plug-in: VV5FS5-10- Station 1- Port size

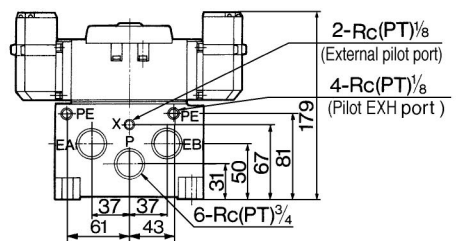


### VV5FS5-10- Station 2- Port size

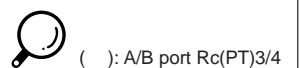
#### DIN connector



#### Grommet with terminal



General formula of weight/Manifold  $M=0.811n+1.231$  (kg) n: Station



| L  | n   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10 | Equation             |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----------------------|
| L1 | 194 | 245 | 296 | 347 | 398 | 449 | 500 | 551 | 602 |    | $L1=51 \times n+92$  |
| L2 | 212 | 263 | 314 | 365 | 416 | 467 | 518 | 569 | 620 |    | $L2=51 \times n+110$ |



SV5FS52, #5

SY

SYJ

SX

VK

VZ

VF

VFR

VP7

VP4

VQ

VQ4

VQZ

VQD

VZS

VFS

VS

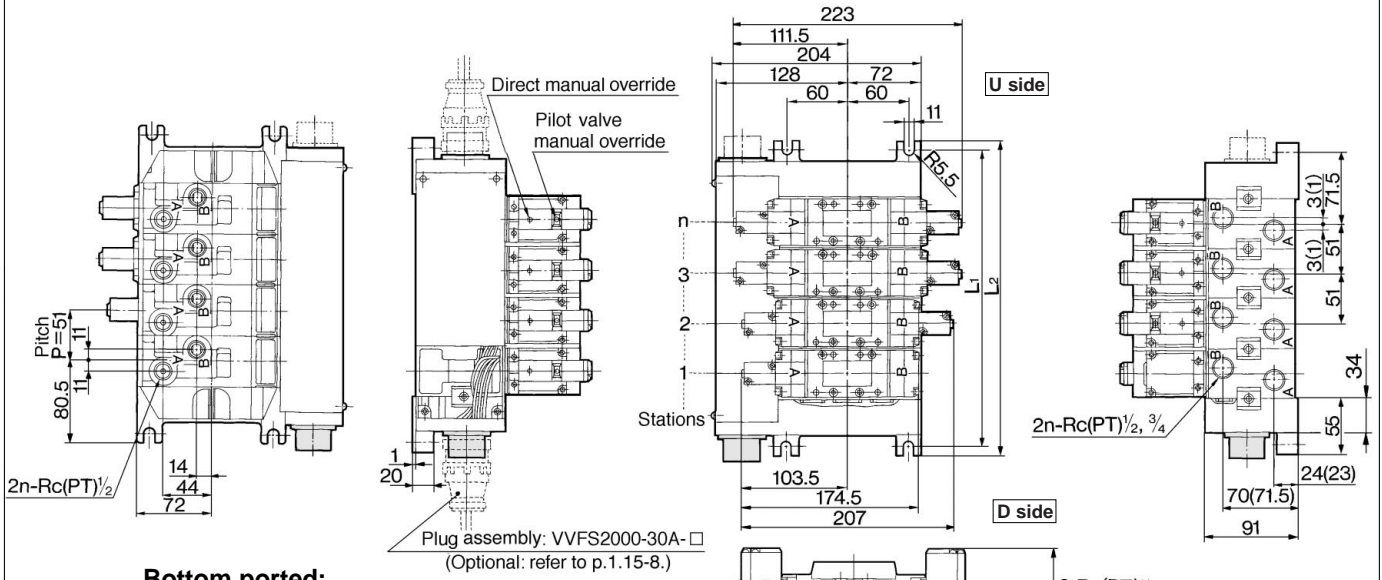
VS7

# VFS5000



## Manifold Plug-in with Multi-Connector/With D-Sub Connector

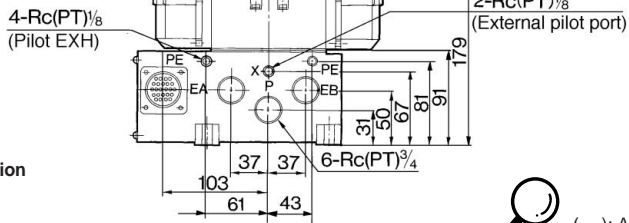
Plug-in with multi-connector: VV5FS5-01CD-Station 1-Port size, VV5FS5-01CU-Station 1-Port size



Bottom ported:  
VV5FS5-01<sup>CD</sup>/<sub>CU</sub> - Station - Port size

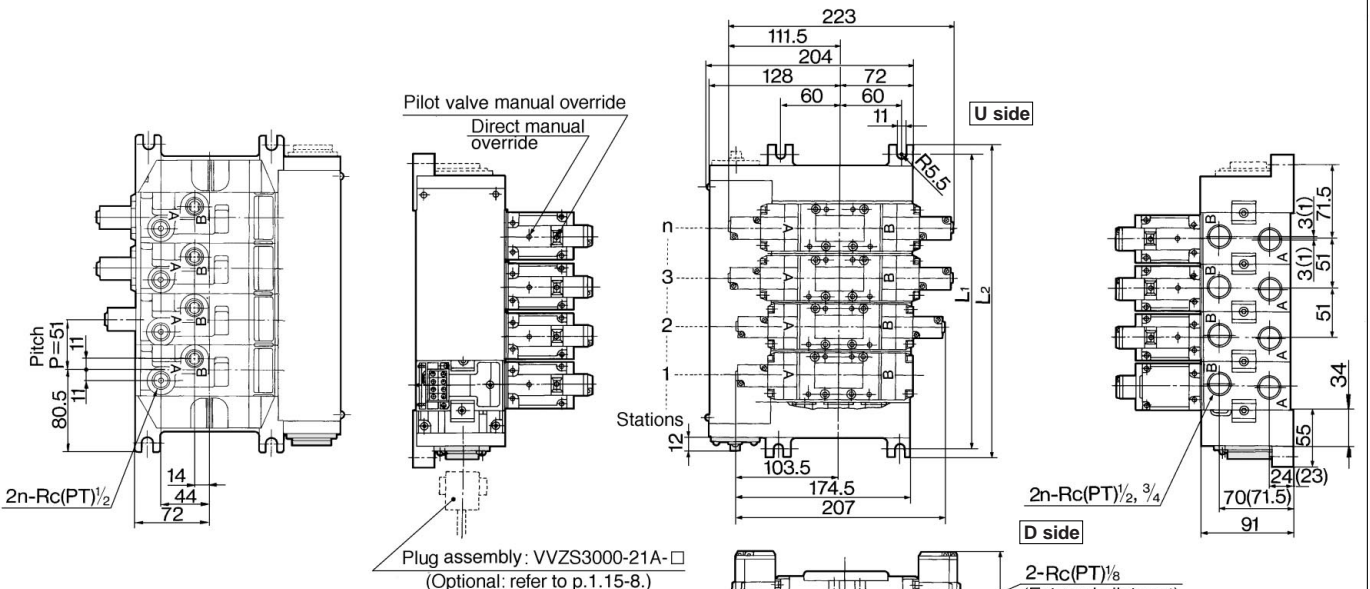
General formula of weight/Manifold  $M=0.916n+1.709$  (kg) n: Station

\* Refer to p.1.15-8 for wiring specifications.



( ): A/B port Rc(PT)3/4

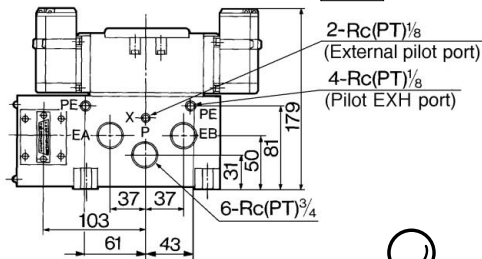
Plug-in with D-sub connector: VV5FS5-01FD-Station 1-Port size, VV5FS5-01FU-Station 1-Port size



Bottom ported:  
VV5FS5-01<sup>FD</sup>/<sub>FU</sub> - Station 2 - Port size

General formula of weight/Manifold  $M=0.3916n+1.633$  (kg) n: Station

\* Refer to p.1.15-8 for wiring specifications.



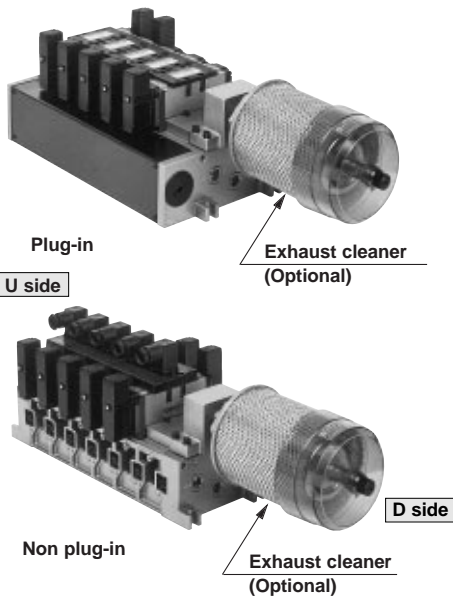
( ): A/B port Rc(PT)3/4

| L  | n | 2   | 3   | 4   | 5   | 6   | 7   | 8   | Equation             |
|----|---|-----|-----|-----|-----|-----|-----|-----|----------------------|
| L1 |   | 194 | 245 | 296 | 347 | 398 | 449 | 500 | $L1=51 \times n+92$  |
| L2 |   | 212 | 263 | 314 | 365 | 416 | 467 | 518 | $L2=51 \times n+110$ |

Plug-in SV5FS52, #5 changed.

## Manifold with Exhaust Cleaner

- Serves to protect working environment.
- Valve exhaust noise dampening: 35dB or more.
- Collection rate of drainage and oil mist: 99.9% or more.
- Piping process reduced.



### Manifold Specifications

| Manifold Model             | Plug-in: <b>VV5FS5-01</b> □                                         | Non plug-in: <b>VV5FS5-10</b>                              |
|----------------------------|---------------------------------------------------------------------|------------------------------------------------------------|
| Wiring                     | With terminal block<br>With multi-connector<br>With D-sub connector | DIN connector<br>Grommet terminal                          |
| Applicable valve           | VFS5□00-□F                                                          | VFS5□10-□D, VFS5□10-□E                                     |
| Porting Rc (PT)            | Common SUP, Common EXH                                              |                                                            |
|                            | A, B port<br>P, EA, EB port                                         | Side: 1/2, 3/4, Bottom: 1/2 (Option)<br>P: 3/4, EXH: 1 1/2 |
| No. of stations            | 2 to 10 <sup>(1)</sup>                                              |                                                            |
| Applicable exhaust cleaner | AMC810-14 (Connecting port 1 1/2 Rc (PT)) <sup>(2)</sup>            |                                                            |

Note 1) With multi connector, or with D-sub connector: 8 stations max.  
Note 2) Exhaust cleaner: Not attached.

### How to Order

VV5FS5-10-06-1-04-CD

Series VFS5000  
Manifold

#### Base style

|     |                              |
|-----|------------------------------|
| 01T | Plug-in with terminal block  |
| 01C | Plug-in with multi-connector |
| 01F | Plug-in with D-sub connector |
| 10  | Non plug-in                  |

#### Connector mounting direction

| Symbol | With connector  | Applicable base |
|--------|-----------------|-----------------|
| —      | None            | 01T, 10         |
| D      | D-side mounting | 01C, 01F        |
| U      | U-side mounting | 01C, 01F        |

#### Stations

|    |             |
|----|-------------|
| 02 | 2 stations  |
| ⋮  | ⋮           |
| 10 | 10 stations |

Base style 01T, 10: 2-10 stations  
Base style 01C, 01F: 2-8 stations

| Symbol | Exhaust cleaner mounting direction |
|--------|------------------------------------|
| CD     | D side   D side mounting           |
| CU     | U side   U side mounting           |

#### Thread

|    |         |
|----|---------|
| —  | Rc (PT) |
| N* | NPT     |
| T* | NPTF    |
| F* | G (PF)  |

\* Option

#### Port size

| Symbol | P       | A, B        |
|--------|---------|-------------|
| 04     | Rc (PT) | Rc (PT) 1/2 |
| 06     | 3/4     | Rc (PT) 3/4 |
| M      |         | Mix         |

\* Bottom ported: Only Rc(PT) 1/2

#### Symbol

| Symbol | Port specifications |        | Porting (A, B) |
|--------|---------------------|--------|----------------|
|        | P                   | EA, EB |                |
| 1      | Common              | Common | Side           |
| 2      |                     |        | Bottom*        |

\* Option

Please indicate manifold base mounting style, corresponding valve, and option parts.

<<Example>> • Plug-in with terminal block (6 stations)

|                     |                      |   |
|---------------------|----------------------|---|
| (Manifold base)     | VV5FS5-01T-061-04-CD | 1 |
| (2 position single) | VFS5100-5FZ          | 3 |
| (2 position double) | VFS5200-5FZ          | 2 |
| (Blank plate)       | VVFS5000-10A         | 1 |
| (Exhaust cleaner)   | AMC810-14            | 1 |

• Non plug-in (6 stations)

|                     |                     |   |
|---------------------|---------------------|---|
| (Manifold base)     | VV5FS5-10-061-04-CU | 1 |
| (2 position single) | VFS5110-5E          | 3 |
| (2 position double) | VFS5210-5E          | 2 |
| (Blank plate)       | VVFS5000-10A        | 1 |
| (Exhaust cleaner)   | AMC810-14           | 1 |

### ⚠ Precautions

When using exhaust cleaner, mount it downwards.



\* Refer to p.5.3-1 for Exhaust Cleaner details.

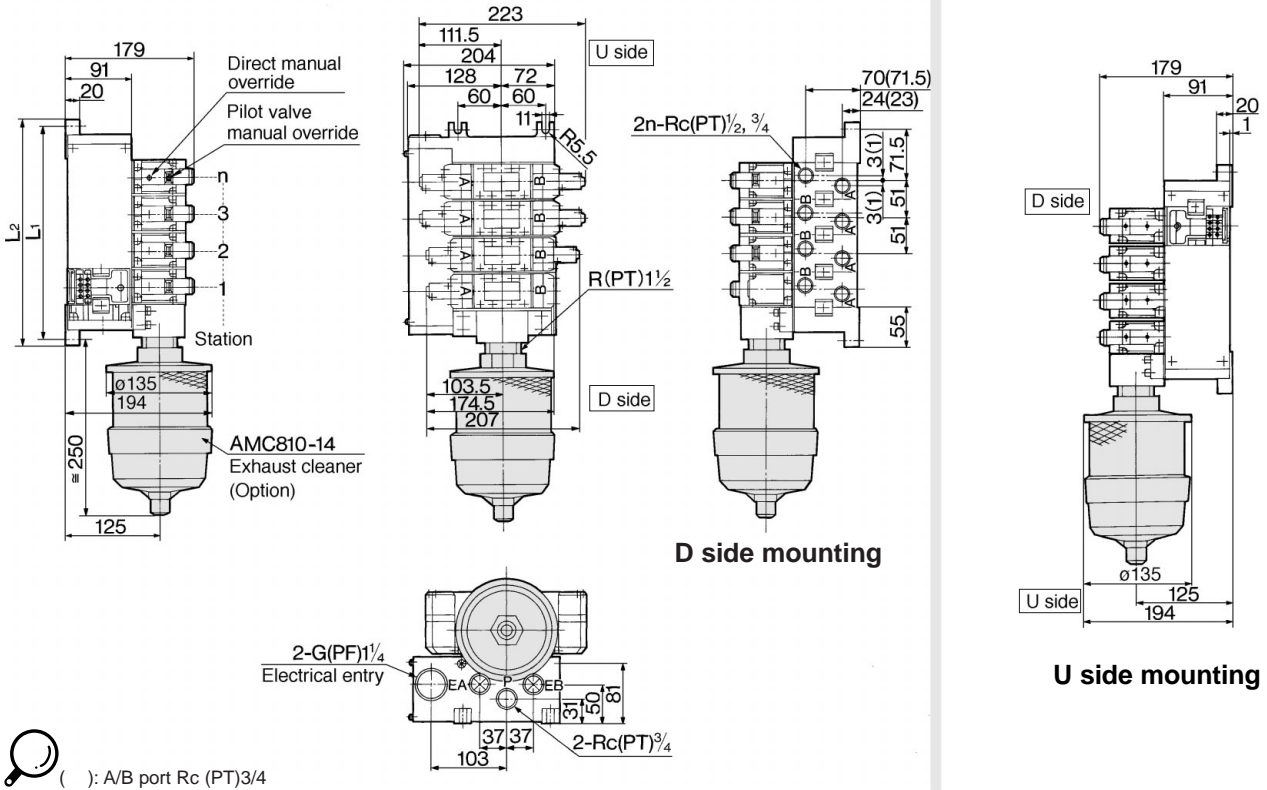
SY  
SYJ  
SX  
VK  
VZ  
VF  
VFR  
VP7  
VP4  
VQ  
VQ4  
VQZ  
VQD  
VZS  
VFS  
VS  
VS7

# VFS5000

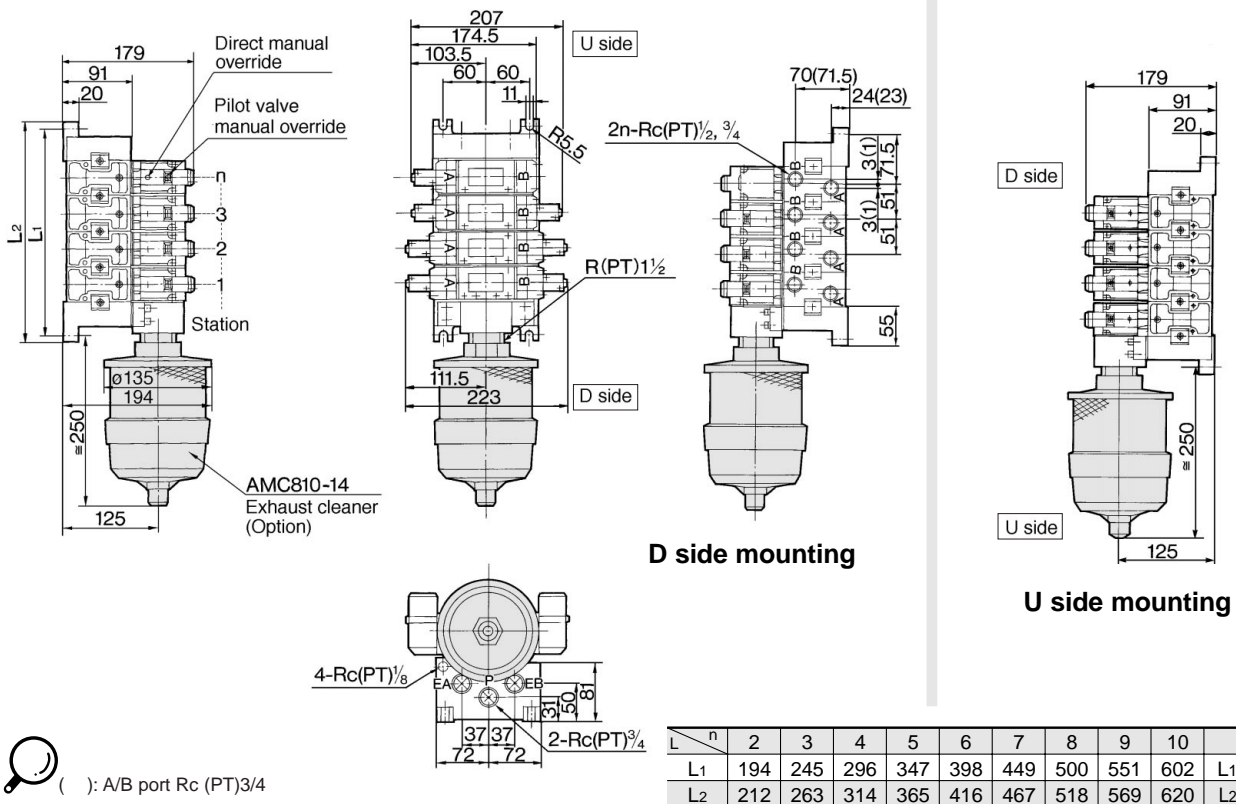


## Manifold with Exhaust Cleaner Plug-in/Non Plug-in

Plug-in: VV5FS5-01T- Station 1- Port size -  $\frac{CD}{CU}$



Non plug-in: VV5FS5-10- Station 1- Port size -  $\frac{CD}{CU}$



n: Station

| L \ n | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | Equation             |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|
| L1    | 194 | 245 | 296 | 347 | 398 | 449 | 500 | 551 | 602 | $L1=51 \times n+92$  |
| L2    | 212 | 263 | 314 | 365 | 416 | 467 | 518 | 569 | 620 | $L2=51 \times n+110$ |

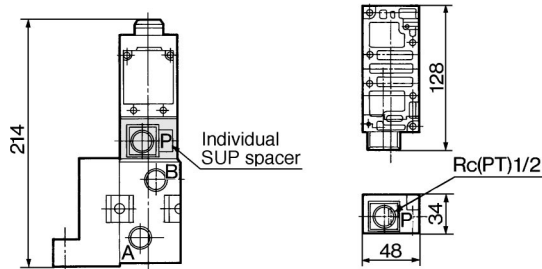


Manifold with exhaust cleaner ———— SV5FS52, #6

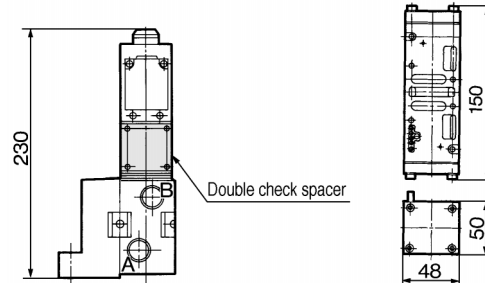


## Manifold Option Parts Plug-in/Non Plug-in

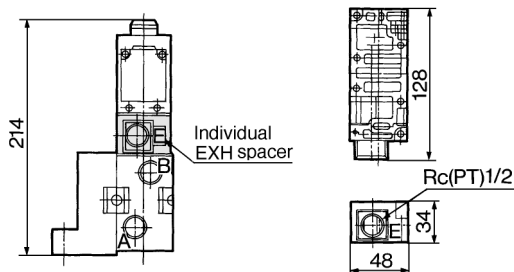
**Individual SUP spacer:**  
**VVFS5000-P-04-1 (Plug-in)**  
**VVFS5000-P-04-2 (Non plug-in)**



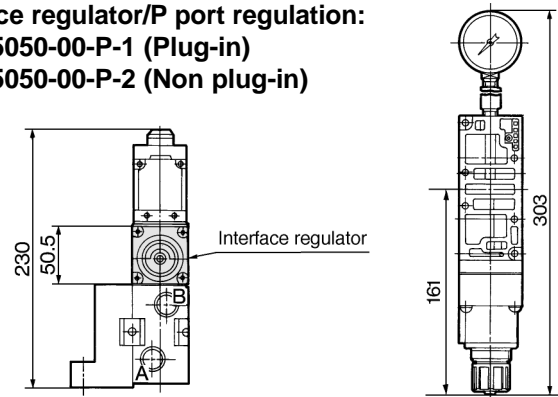
**Double check spacer:**  
**VVFS5000-22A-1 (Plug-in)**  
**VVFS5000-22A-2 (Non plug-in)**



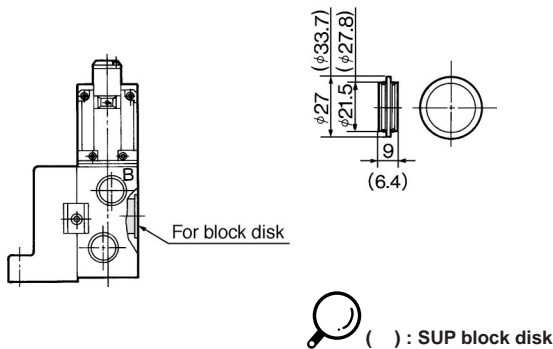
**Individual EXH spacer:**  
**VVFS5000-R-04-1 (Plug-in)**  
**VVFS5000-R-04-2 (Non plug-in)**



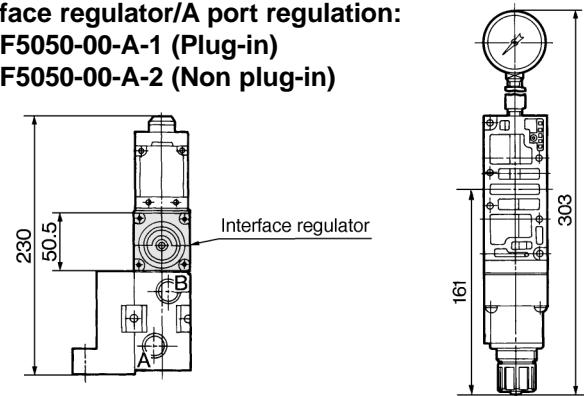
**Interface regulator/P port regulation:**  
**ARBF5050-00-P-1 (Plug-in)**  
**ARBF5050-00-P-2 (Non plug-in)**



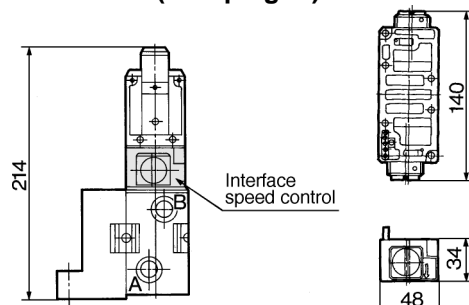
**SUP block disk: AXT628-12A**  
**EXH block disk: AXT512-14-1A**



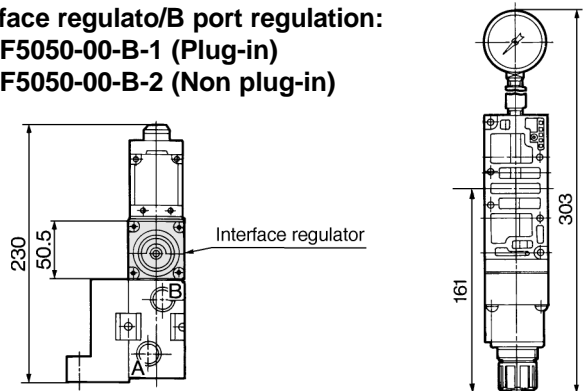
**Interface regulator/A port regulation:**  
**ARBF5050-00-A-1 (Plug-in)**  
**ARBF5050-00-A-2 (Non plug-in)**



**Interface speed control:**  
**VVFS5000-20A-1 (Plug-in)**  
**VVFS5000-20A-2 (Non plug-in)**



**Interface regulator/B port regulation:**  
**ARBF5050-00-B-1 (Plug-in)**  
**ARBF5050-00-B-2 (Non plug-in)**

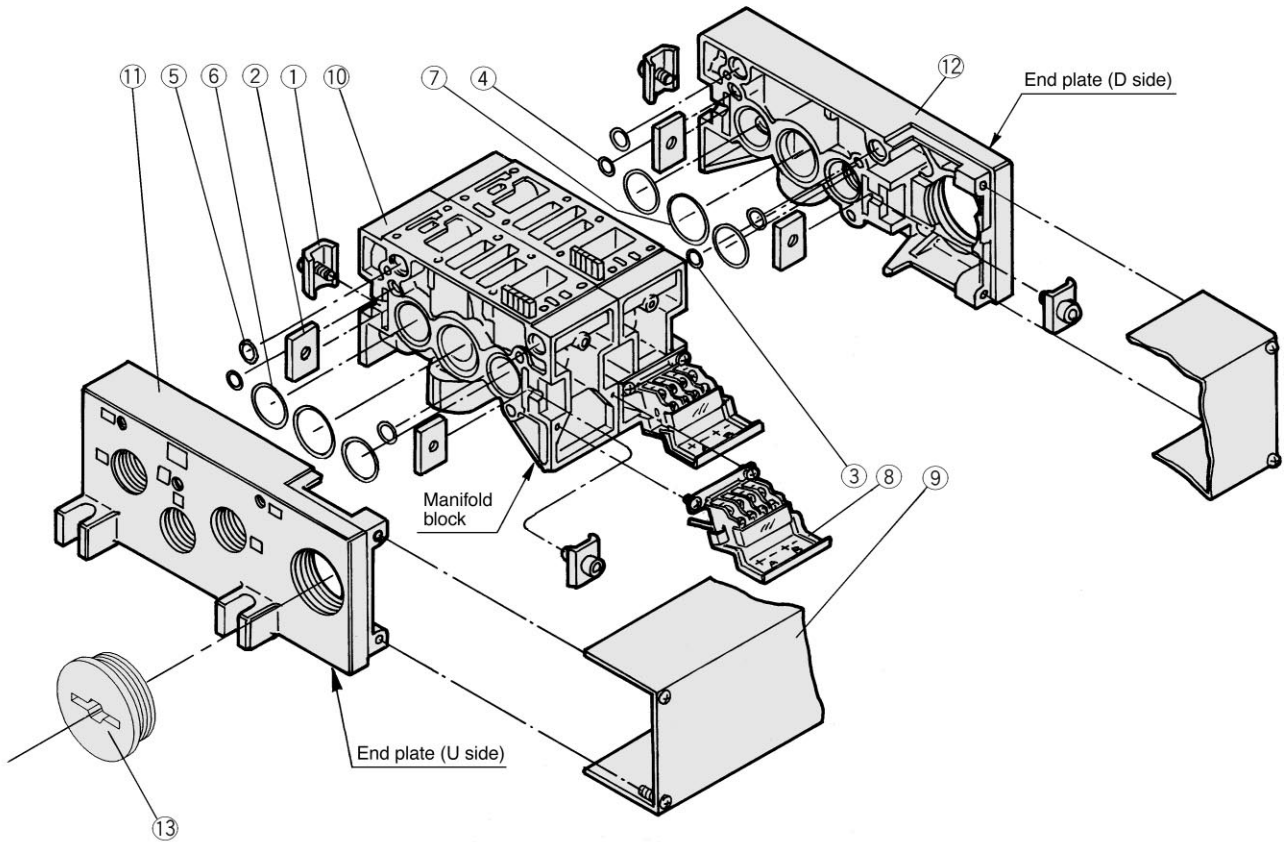


|  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | Individual SUP spacer                     | SV5FS52, #10, #001 |
|  | Individual EXH spacer                     | SV5FS52, #10, #002 |
|  | Interface speed controller                | SV5FS52, #10, #003 |
|  | Double pilot check interface              | SV5FS52, #10, #004 |
|  | Interface regulator/Pressure regulation P | SV5FS52, #10, #005 |
|  | Interface regulator/Pressure regulation A | SV5FS52, #10, #006 |
|  | Interface regulator/Pressure regulation B | SV5FS52, #10, #007 |

- SY
- SYJ
- SX
- VK
- VZ
- VF
- VFR
- VP7
- VP4
- VQ
- VQ4
- VQZ
- VQD
- VZS
- VFS
- VS
- VS7

# VFS5000

## Manifold Base Construction Plug-in/Non Plug-in



### Replacement Parts

| No. | Description             | Material            | Part No.                                                                       |
|-----|-------------------------|---------------------|--------------------------------------------------------------------------------|
| ①   | Metal joint A           | Steel plate         | AXT628-6-1A                                                                    |
| ②   | Metal joint B           | Steel plate         | AXT628-6-2                                                                     |
| ③   | O ring                  | NBR                 | AS568-006                                                                      |
| ④   | O ring                  | NBR                 | AS568-010                                                                      |
| ⑤   | O ring                  | NBR                 | AS568-013                                                                      |
| ⑥   | O ring                  | NBR                 | AS568-022                                                                      |
| ⑦   | O ring                  | NBR                 | AS568-026                                                                      |
| ⑧   | Terminal assembly       | —                   | AXT628-5-1A                                                                    |
| ⑨   | Junction cover assembly | For 01T<br>For 01SU | VVFS5000-4A- <small>[stations]</small><br>AZ738-31A- <small>[stations]</small> |
| ⑬   | Rubber plug             | NBR                 | AXT336-9                                                                       |

- For increasing the manifold bases, please order the manifold block assembly number of the principal part assembly ⑩. For plug-in: The manifold base with terminal stand (integrated with a junction cover) is required with the ⑨ junction cover assembly.

### Replacement Parts Sub-assembly

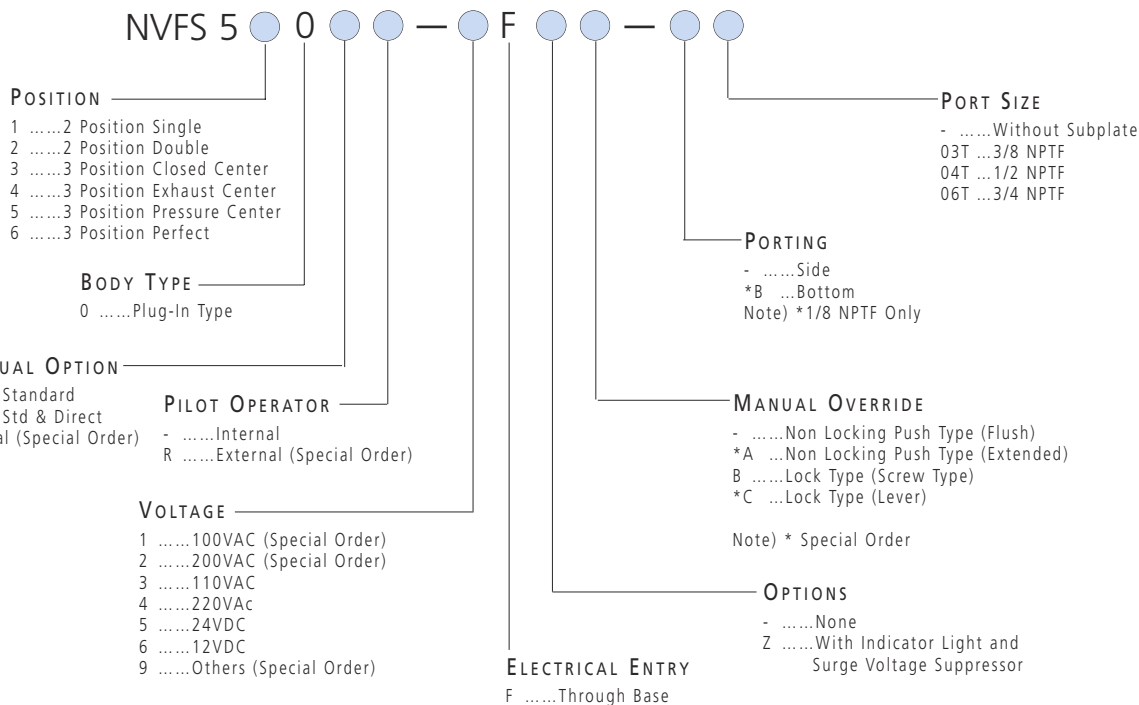


Note) Manifold Base/Construction: Plug-in with terminal block.

| No. | Description                 | Assembly part No.                                    | Component parts                                                                           | Applicable manifold base |
|-----|-----------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------|
| ⑩   | Manifold block assembly     | VVFS5000-1A-1- <small>04</small> / <small>06</small> | Manifold block ⑩, Metal joint ①, ②, Terminal ⑧, O ring ③, ④, ⑤, ⑥, ⑦, Receptacle assembly | Plug-in                  |
|     |                             | VVFS5000-1A-2- <small>04</small> / <small>06</small> | Manifold block ⑩, Metal joint ①, ②, O ring ③, ④, ⑤, ⑥, ⑦                                  | Non plug-in              |
| ⑪   | End plate (U side) assembly | VVFS5000-2A-1                                        | End plate (U) ⑪, Metal joint ①, ②                                                         | Plug-in                  |
|     |                             | VVFS5000-2A-2                                        | End plate (U) ⑪, Metal joint ①, ②                                                         | Non plug-in              |
| ⑫   | End plate (D side) assembly | VVFS5000-3A-1                                        | End plate (D) ⑫, Metal joint ①, ②, O ring ③, ④, ⑤, ⑥, ⑦                                   | Plug-in                  |
|     |                             | VVFS5000-3A-2                                        | End plate (D) ⑫, Metal joint ①, ②, O ring ③, ④, ⑤, ⑥, ⑦                                   | Non plug-in              |



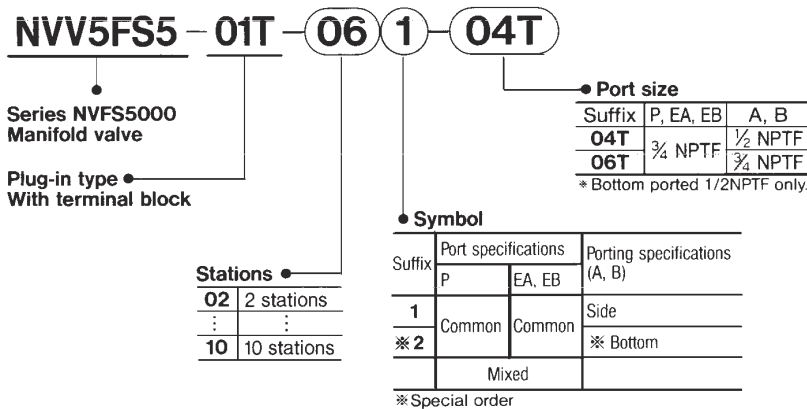
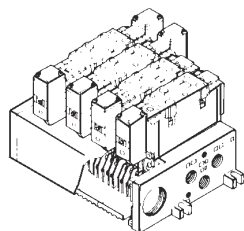
How To  
ORDER  
NVFS5000



How To  
ORDER  
MANIFOLD

### Plug-in Type: With Terminal Block

● Lead wires of solenoid valve are connected with the terminals on upper surface of terminal block, corresponding lead wires from power source can be wired at the bottom of terminal block.



FOR FURTHER TECHNICAL  
DETAILS ON THIS  
PRODUCT, REQUEST  
CATALOG REFERENCE  
N233

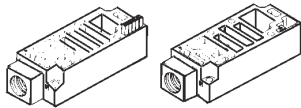
HOW TO  
ORDER  
MANIFOLD / OPTION PARTS ASSEMBLY

## Manifold / Option Part's Ass'y

### SUP Relocation spacer

An individual SUP spacer on manifold block can form individual P port for the valve.

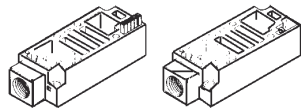
| Body type | Plug-in type      |
|-----------|-------------------|
| Part No.  | NVVFS5000-P-04T-1 |



### EXH Relocation spacer

An individual EXH spacer on manifold block can form individual R port for the valve.

| Body type | Plug-in type      |
|-----------|-------------------|
| Part No.  | NVVFS5000-R-04T-1 |



### SUP gallery block disc

When supplying manifold with more than one pressure, insert block disc in between stations subjected to different pressures.

| Body type | Plug-in type |
|-----------|--------------|
| Part No.  | AXT628-12A   |



SUP block disc

### EXH gallery block disc

When valve exhaust affects the other stations on the circuit or when externally piloted, dual pressure valve is used on a standard manifold, insert EXH block disc(s) in between stations to separate valve exhaust.

| Body type | Plug-in type |
|-----------|--------------|
| Part No.  | AXT512-14-1A |

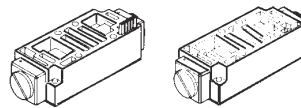


EXH block disc

### Interface speed control

Needle valve on the manifold block can control cylinder speed by throttling exhaust.

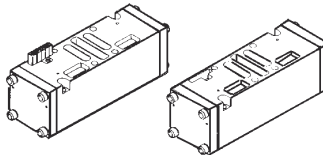
| Body type | Plug-in type    |
|-----------|-----------------|
| Part No.  | NVVFS5000-20A-1 |



### Double Check "Perfect" spacer

The concurrent use of perfect spacer with built-in double check valve can stop the cylinder at mid-position and hold for extended time without being affected by normal air leakage across the spool seals.

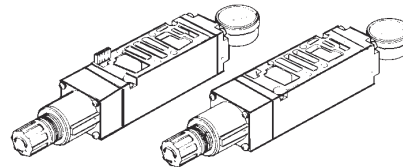
| Body type | Plug-in type    |
|-----------|-----------------|
| Part No.  | NVVFS5000-22A-1 |



### Interface regulator

Spacer type regulating valve on manifold block can regulate the pressure to the valve.

| Body type             | Plug-in type     |
|-----------------------|------------------|
| Pressure Regulation P | NARBF5000-N0-P-1 |
| Pressure Regulation A | NARBF5000-N0-A-1 |
| Pressure Regulation B | NARBF5000-N0-B-1 |



### Blank plate

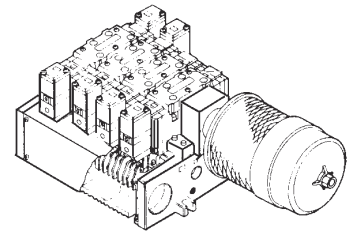
When disassembling valve for maintenance purposes or when spare manifold stations are required, install Blank plate on the manifold block.

| Body type | Plug-in type |
|-----------|--------------|
| Part No.  | VVFS5000-10A |

## Manifold Options

### With Exhaust Cleaner Plug-in type

- Valve exhaust noise damping: 35dB or more.
- Oil mist collection: Rate of collection 99.9% or more.
- Piping process reduced.



For more information, Please refer to catalog N233

