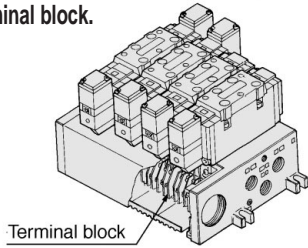


# Series VFS4000 Manifold



## 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.



VV5FS4 - 01T - 06 1 - 03

Series VFS4000  
Manifold  
Plug-in with  
terminal block

Stations	
02	2 stations
⋮	⋮
10	10 stations

Port size		Thread	
Symbol	P, EA, EB	A, B	
03	Rc (PT)	Rc (PT) 3/8	N* NPT
04	1/2	Rc (PT) 1/2	T* NPTF
M		Mix	F* G (PF)

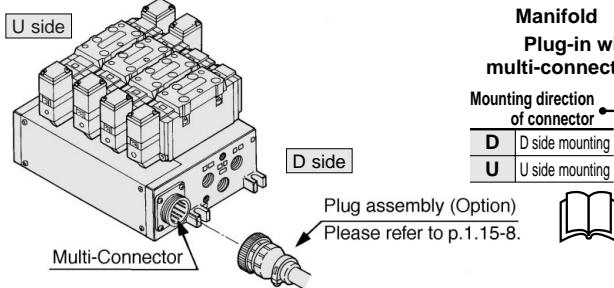
Symbol		
Symbol	Port specifications	Porting
1	Common	Side
2	Common	Bottom* *Option

\*Bottom ported:  
Only Rc (PT) 3/8.

## 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.



VV5FS4 - 01C D - 05 2 - 03

Series VFS4000  
Manifold  
Plug-in with  
multi-connector

Stations	
02	2 stations
⋮	⋮
08*	8 stations

\*Max: 8 stations.

Port size		Thread	
Symbol	P, EA, EB	A, B	
03	Rc (PT)	Rc (PT) 3/8	N* NPT
04	1/2	Rc (PT) 1/2	T* NPTF
M		Mix	F* G (PF)

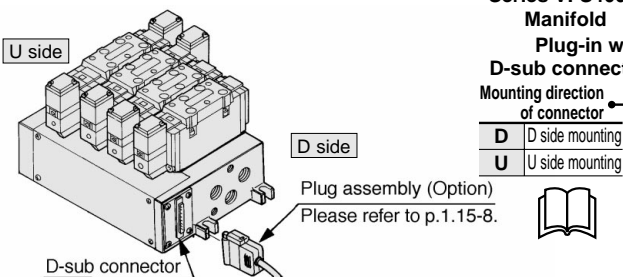
Symbol		
Symbol	Port specifications	Porting
1	Common	Side
2	Common	Bottom* *Option

\*Bottom ported:  
Only Rc (PT) 3/8.

## 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.



VV5FS4 - 01F D - 06 1 - 03

Series VFS4000  
Manifold  
Plug-in with  
D-sub connector

Stations	
02	2 stations
⋮	⋮
08*	8 stations

\*Max: 8 stations.

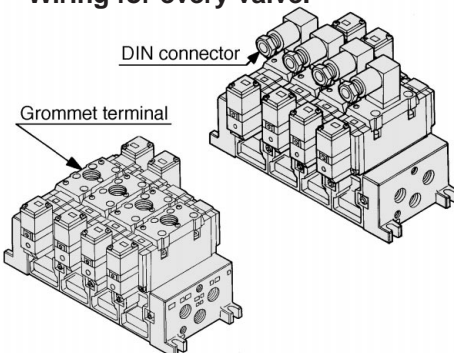
Port size		Thread	
Symbol	P, EA, EB	A, B	
03	Rc (PT)	Rc (PT) 3/8	N* NPT
04	1/2	Rc (PT) 1/2	T* NPTF
M		Mix	F* G (PF)

Symbol		
Symbol	Port specifications	Porting
1	Common	Side
2	Common	Bottom* *Option

\*Bottom ported:  
Only Rc (PT) 3/8.

## Non Plug-in: Grommet With Terminal/DIN Connector

- Wiring for every valve.



VV5FS4 - 10 - 05 2 - 03

Series VFS4000  
Manifold  
Non Plug-in

Stations	
02	2 stations
⋮	⋮
10	10 stations

Port size		Thread	
Symbol	P, EA, EB	A, B	
03	Rc (PT)	Rc (PT) 3/8	N* NPT
04	1/2	Rc (PT) 1/2	T* NPTF
M		Mix	F* G (PF)

Symbol		
Symbol	Port specifications	Porting
1	Common	Side
2	Common	Bottom* *Option

\*Bottom ported:  
Only Rc (PT) 3/8.

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

# VFS4000

## Manifold Specifications

Base style	Wiring	Porting	Port size Rc (PT)		No. of stations	Applicable solenoid valve
		A, B port	P, EA, EB	A, B		
Plug-in <b>VV5FS4-01</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	1/2	3/8, 1/2	2-10 *	VFS4□00-□F
Non plug-in <b>VV5FS4-10</b>	<ul style="list-style-type: none"> <li>DIN Connector</li> <li>Grommet terminal</li> </ul>					VFS4□10-□D VFS4□10-□E

\* With multi-connector, or with D-sub connector: 8 stations 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	50.4 (2.8)	48.6 (2.7)	47.7 (2.6)
A → EA, B → EB	57.6 (3.2)	55.8 (3.1)	55.8 (3.1)

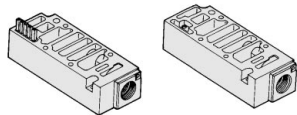
\* Port size: RC(PT)1/2

## Manifold/Option Parts Assembly

### Individual SUP spacer

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

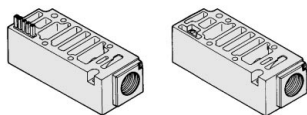
Body	Plug-in	Non plug-in
Part No.	VVFS4000-P-03-1	VVFS4000-P-03-2



### 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.	VVFS4000-R-04-1	VVFS4000-R-04-2



### \* 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.	AXT634-10A	

### \* 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.	AXT634-11A	



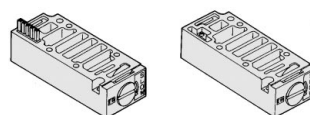
EXH block disk

SUP block disk

### Interface speed control

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

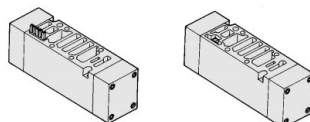
Body	Plug-in	Non plug-in
Part No.	VVFS4000-20A-1	VVFS4000-20A-2



### 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.

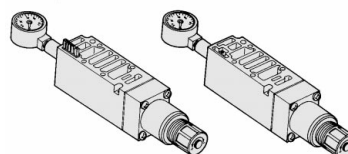
Body	Plug-in	Non plug-in
Part No.	VVFS4000-22A-1	VVFS4000-22A-2



### 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	ARBF4050-00-P-1	ARBF4050-00-P-2
A regulation	ARBF4050-00-A-1	ARBF4050-00-A-2
B regulation	ARBF4050-00-B-1	ARBF4050-00-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.	VVFS4000-10A	

## 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) VV5FS4-01T-061-03 .....1  
(2 position single) VFS4100-5FZ .....3  
(2 position double) VFS4200-5FZ .....2  
(Blanking plate) VFS4000-10A .....1

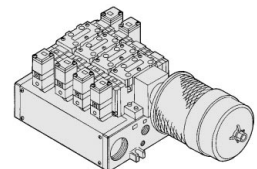
● Non plug-in - 6 stations  
(Manifold base) VV5FS4-10-061-04 .....1  
(2 position single) VFS4110-5D .....5  
(3 position exhaust center) VFS4110-5D .....1  
(Individual EXH spacer) VVFS4000-R-04-2 .....1

## 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 hours reduced.

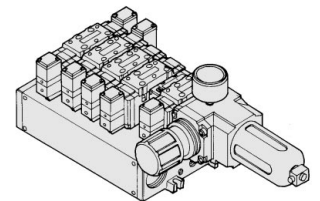


For more information, please refer to p.1.15-79.

### With control unit

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

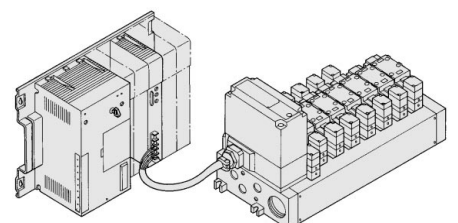
- Filter, regulation valve, pressure switch and air release valve are all combined to form one unit.
- Piping work eliminated.



For more information, please refer to p.1.15-81.

### With serial interface unit plug-in

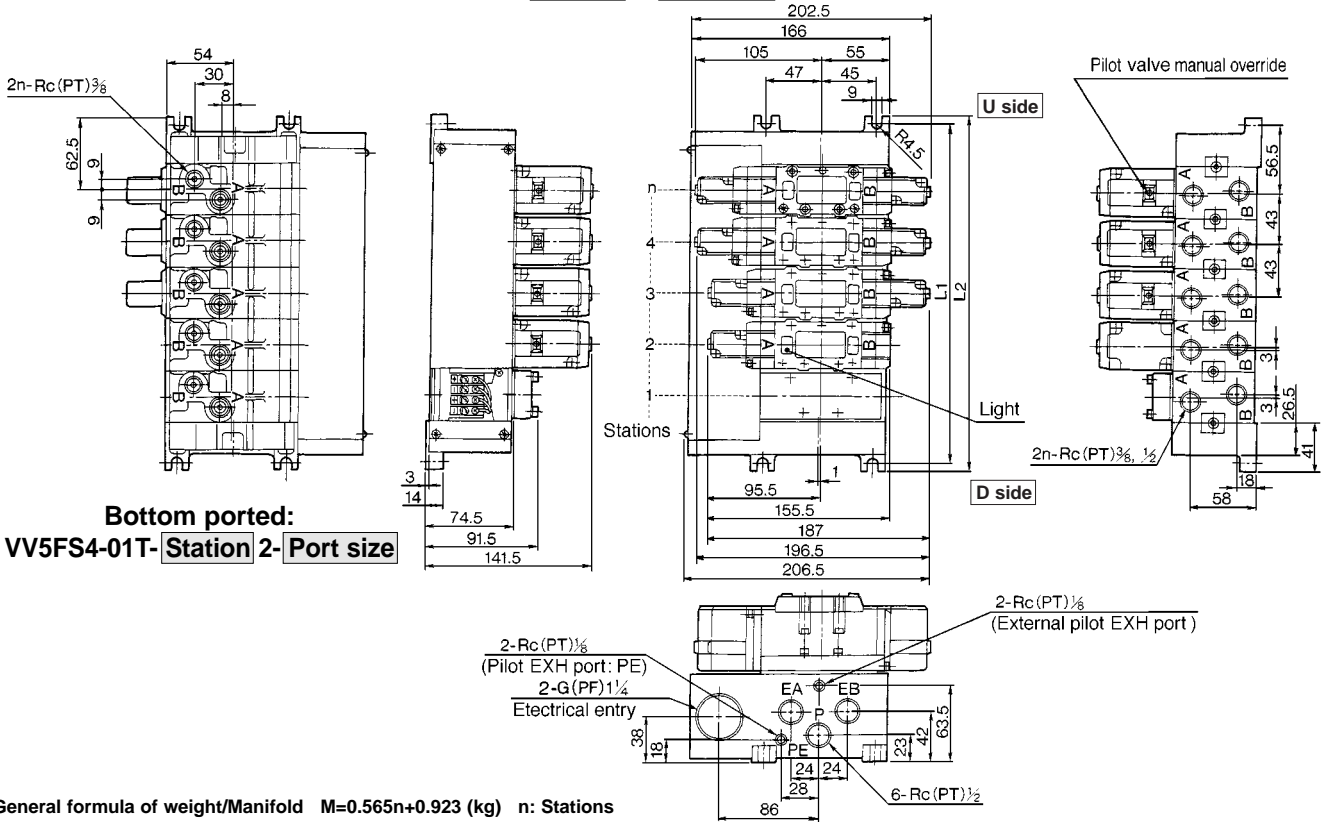
- Solenoid valve wiring process reduced considerably.
- Disperse installation possible.
- Manifold solenoid valve: 8 stations max, 32 positions (512 solenoids).
- Maintenance and inspection are easy.



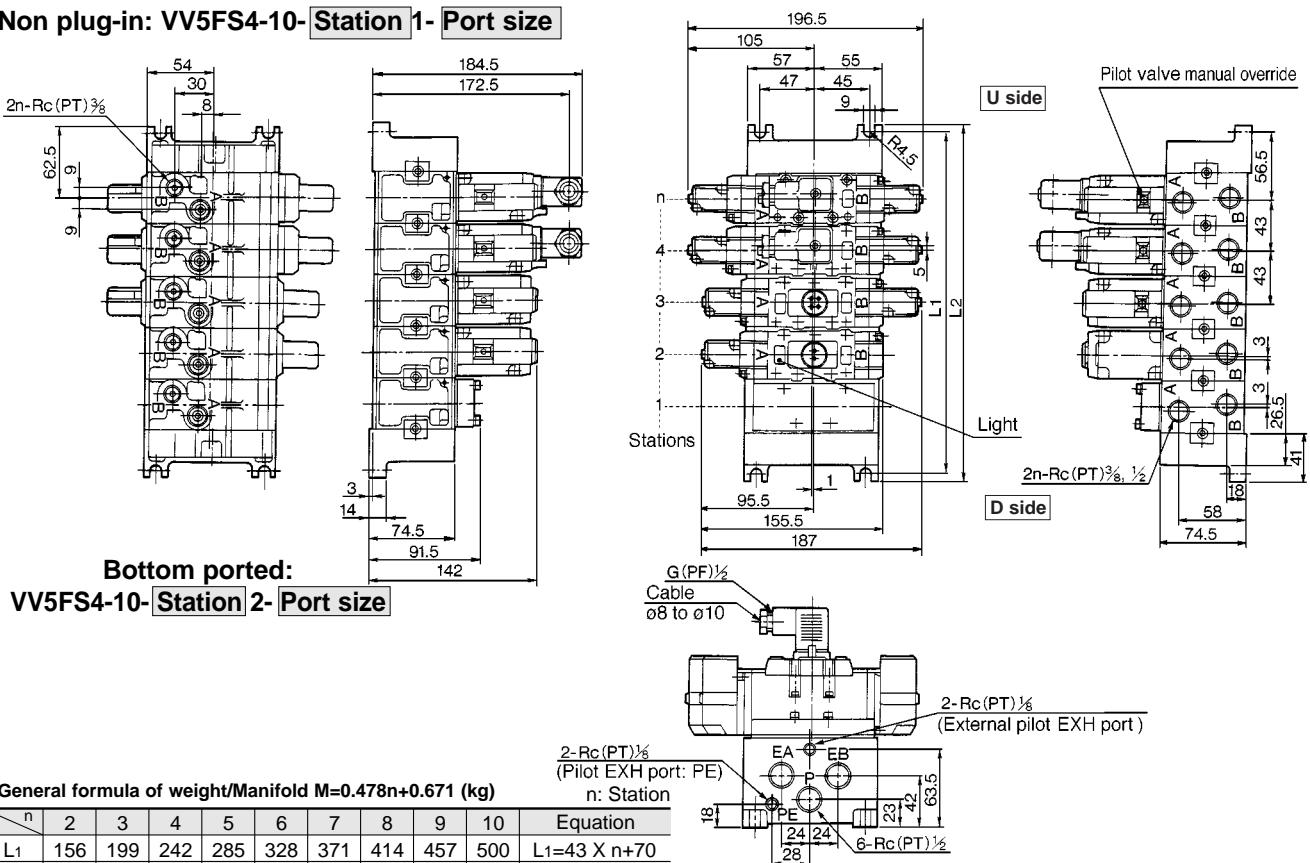


## Manifold Plug-in/Non Plug-in

### Plug-in (With terminal block): VV5FS4-01T- Station 1- Port size



### Non plug-in: VV5FS4-10- Station 1- Port size



L	n	2	3	4	5	6	7	8	9	10	Equation
L1		156	199	242	285	328	371	414	457	500	$L1=43 \times n+70$
L2		168	211	254	297	340	383	426	469	512	$L2=43 \times n+82$

Plug-in ————— SV5FS42, #5 changed.  
 Non Plug-in ————— SV5FS42, #5

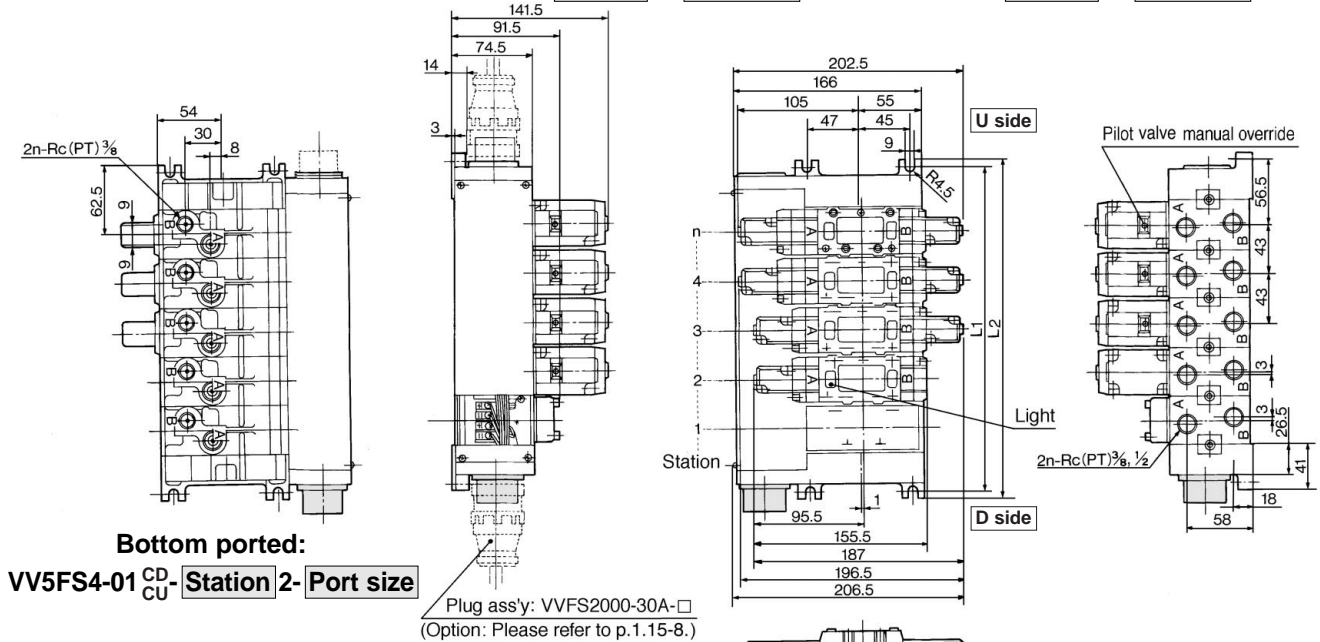
- SY
- SYJ
- SX
- VK
- VZ
- VF
- VFR
- VP7
- VP4
- VQ
- VQ4
- VQZ
- VQD
- VZS
- VFS
- VS
- VS7

# VFS4000

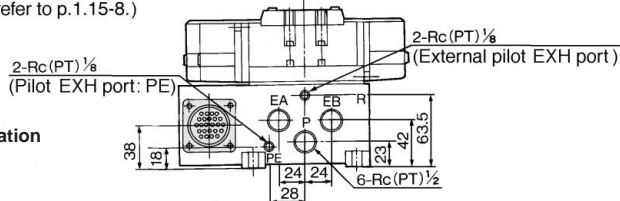


## Manifold Plug-in with Multi-Connector/With D-sub Connector

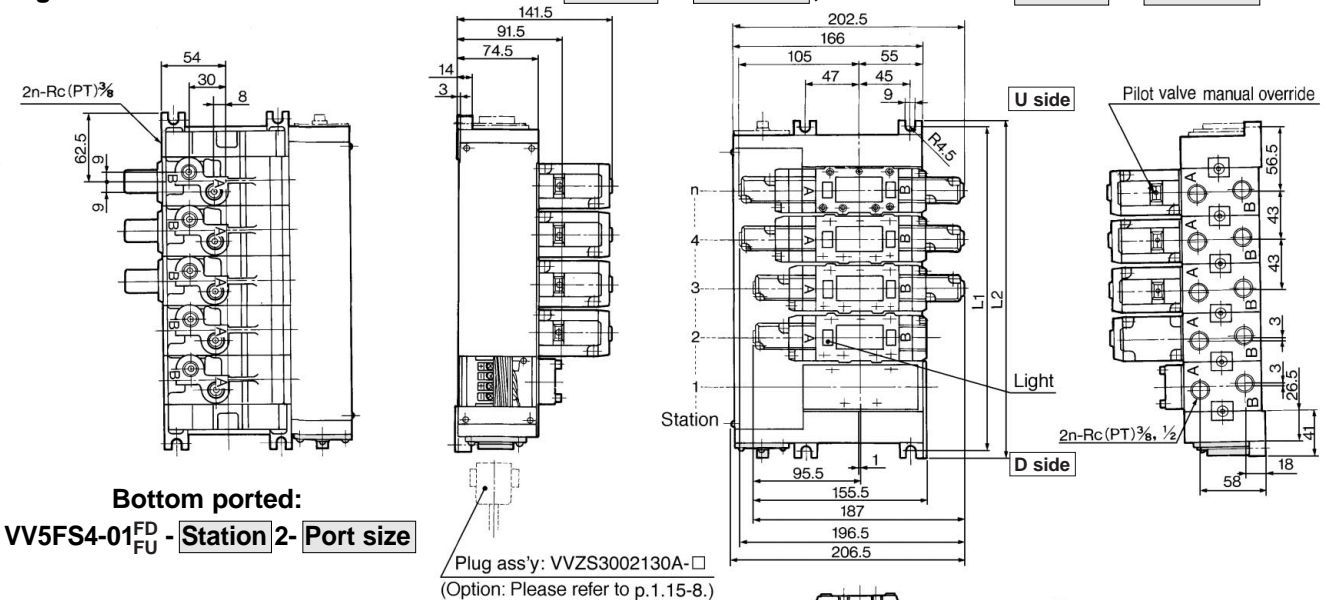
### Plug-in with Multi-connector: VV5FS4-01CD- Station 1- Port size, VV5FS4-01CU- Station 1- Port size



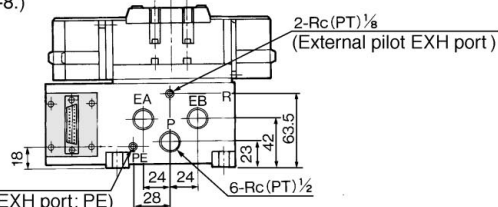
General formula of weight/Manifold  $M=0.565n+0.923$  (kg) n: Station  
 \*Wiring specifications: Please refer to p.1.15-8.



### Plug-in with D-sub connector: VV5FS4-01FD- Station 1- Port size, VV5FS4-01FU- Station 1- Port size



General formula of weight/Manifold  $M=0.57n+0.935$  (kg) n: Station  
 \*Wiring specifications: Please refer to p.1.15-8.

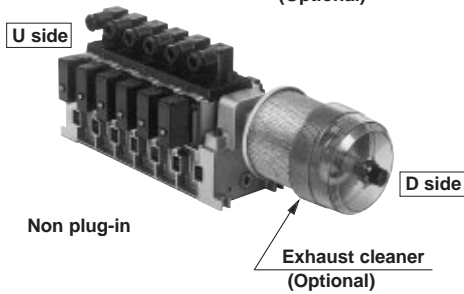
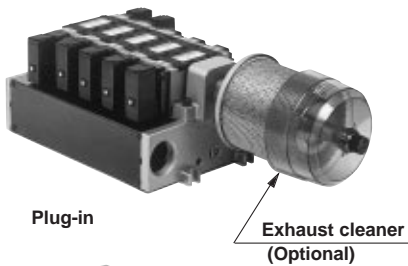


L	n	2	3	4	5	6	7	8	Equation
L1		156	199	242	285	328	371	414	$L1=43 \times n+70$
L2		168	211	254	297	340	383	426	$L2=43 \times n+82$

Plug-in ————— SV5FS42, #5 changed.  
 Non Plug-in ————— SV5FS42, #5

## Manifold with Exhaust Cleaner

- Serves to protect work 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 style	Plug-in: VV5FS4-01□	Non plug-in: VV5FS4-10
Wiring	With terminal block With multi-connector With D-sub connector	DIN connector Grommet with terminal
Applicable valve	VFS4□00-□F	VFS4□10-□D, VFS4□10-□E
Porting Rc (PT)	Common SUP, Common EXH	
	A, B port	Side: 3/8, 1/2, Bottom: 3/8 (option)
	P, EA, EB port	P: 1/2, EXH: 1 / 1 1/2
No. of stations	2 to 10 <sup>(1)</sup>	
Applicable exhaust cleaner	AMC610-10 (Connecting port size R (PT)1), AMC810-14 (Connecting port size R (PT)1 1/2) <sup>(2)</sup>	

Note 1) With multi-connector, or with D-sub connector: 8 stations max.  
 Note 2) Stations of 5 or more and high frequency of operation should be used with AMC810-14.  
 Exhaust cleaner AMC610-10 and AMC810-14 are not attached.

### How to Order

**VV5FS4-10-06-1-03-CD**

Series VFS4000 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	

Stations

02	2 stations
⋮	⋮
10	10 stations

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

Exhaust cleaner mounting direction

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

\*Please indicate exhaust cleaner size or port size.

Thread

—	Rc (PT)
N*	NPT
T*	NPTF
F*	G (PF)

\*Option

Port size

Symbol	P	A, B
03	Rc (PT) 1/2	Rc (PT) 3/8
04		Rc (PT) 1/2
M		Mix

\*Bottom ported: Only 3/8.

Symbol

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

\*Option

### ⚠ Precautions

When using exhaust cleaner, mount it downwards.



Refer to p.5.3-1 for details on exhaust cleaners.

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

<<Example>>

- Plug-in with terminal block (6 stations)  
 (Manifold base) **VV5FS4-01T-061-03-CD** ..... 1  
 (2 position single) **VFS4100-5FZ** ..... 3  
 (2 position double) **VFS4200-5FZ** ..... 2  
 (Blank plate) **VVFS4000-10A** ..... 1  
 (Exhaust cleaner) **AMC610-10** ..... 1

- Non plug-in (6 stations)  
 (Manifold base) **VV5FS4-10-061-04-CU** ..... 1  
 (2 position single) **VFS4110-5E** ..... 3  
 (2 position double) **VFS4210-5E** ..... 2  
 (Blank plate) **VVFS4000-10A** ..... 1  
 (Exhaust cleaner) **AMC810-14** ..... 1

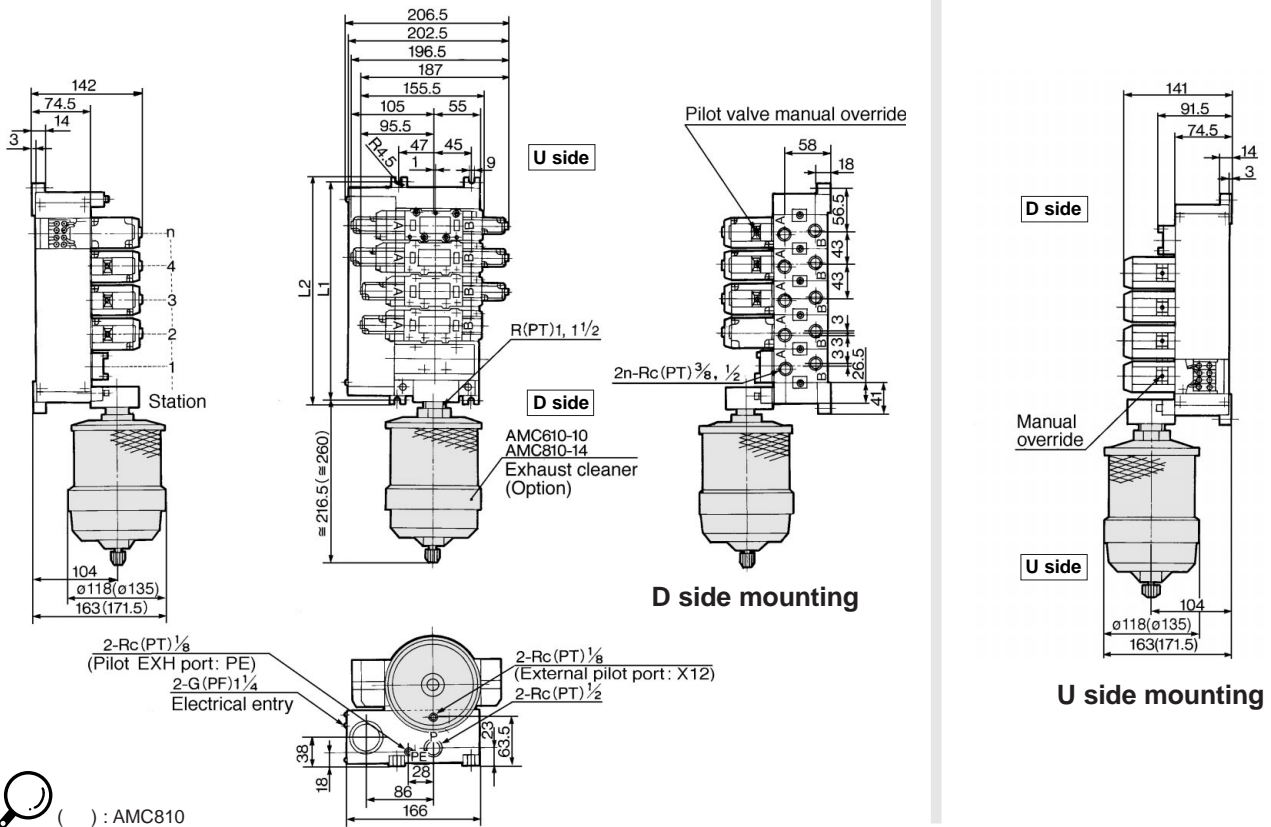
- SY
- SYJ
- SX
- VK
- VZ
- VF
- VFR
- VP7
- VP4
- VQ
- VQ4
- VQZ
- VQD
- VZS
- VFS
- VS
- VS7

# VFS4000

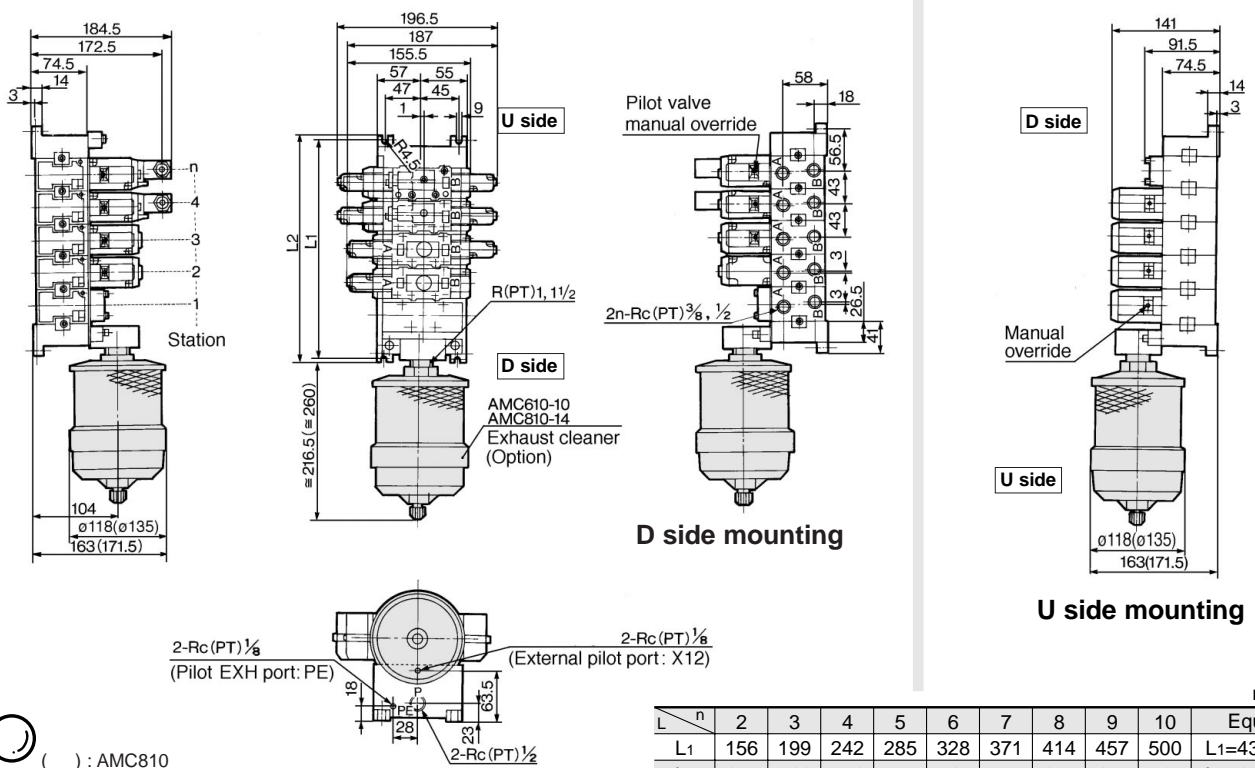


## Manifold with Exhaust Cleaner Plug-in/Non Plug-in

Plug-in: VV5FS4-01T- Station 1- Port size - CD  
CU



Non plug-in: VV5FS4-10- Station 1- Port size - CD  
CU



n: Station

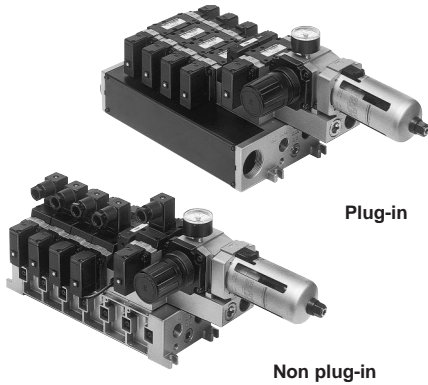
L \ n	2	3	4	5	6	7	8	9	10	Equation
L1	156	199	242	285	328	371	414	457	500	L1=43 X n+70
L2	168	211	254	297	340	383	426	469	512	L2=43 X n+82



Manifold With Exhaust Cleaner ——— SV5FS42, #6

## Manifold with Control Unit

- Control unit (Filter, Regulator, Pressure switch, Air release valve) are all standardized to the one unit, and can be mounted on the manifold base without any attachments.
- Piping processes are eliminated



### ⚠ Precautions

When using an air filler with auto drain or manual drain, mount the filter vertically.

### Manifold Specifications

Manifold style	Plug-in: VV5FS4-01□	Non plug-in: VV5FS4-10
Wiring	With terminal block With multi-connector With D-sub connector	DIN connector Grommet with terminal
Applicable valve	VFS4□00-□F	VFS4□10-□D, VFS4□10-□E
Porting specifications Rc (PT)	Common SUP, Common EXH	
	A, B port	Side: 3/8, 1/2, Bottom: 3/8
	P, EA, EB port	Side: 1/2
No. of stations	2 to 10 (1)	

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

### Control Unit/Specifications

Air filter (With auto drain/With manual drain)	
Filtration	5μm
Regulator	
Set press. (Secondary)	0.05 to 0.85MPa
Pressure switch (1)	
Set press. range: OFF	0.1 to 0.6MPa
Differential	0.08MPa or less
Contact	1a
Light	LED (RED)
Max. switch capacity	2VA (AC), 2W (DC)
Max. operating current	24V AC, DC or less: 50mA 48V AC, DC: 40mA 100V AC, DC: 20mA
Air release valve (Single only)	
Operating press. range	0.1 to 1.0MPa

### Control Unit/Options

Air release valve adaptor plate (2)	<Plug-in> VVFS4000-24A-1R (D side mounting)	
	<Non Plug-in> VVFS4000-24A-2R (D side mounting)	
Pressure switch	IS1000P-2-1	
Blank plate (3)	With control unit/Filter regulator	MP2-3
	Pressure switch	MP3-2
	Air release valve	VVFS4000-24A-10
Filter element	11104-5B	

- ⦿ Note 1) Voltage: 24V DC to 100V AC  
Inner voltage drop: 4V
- Note 2) Combination of a valve VFS41□□ (single) and a release valve spacer can be used as an air release valve.
- Note 3) The non plug-in style cannot be

### How to Order

**VV5FS4-01C D-08 1-03 □-AP □**

Series VFS4000 Manifold Base style/wiring

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	Connector mounting	Applicable base
—	None	01T, 10
D	D side	01C, 01F
U	U side	

Stations

02	2 stations
⋮	⋮
10*	10 stations

\* Base style 01T, 10: 2 to 10 stations  
Base style 01C, 01F: 2 to 8 stations

Symbol

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

\* Option

Port size

Symbol	P, EA, EB	A, B
03	Rc (PT)	Rc (PT) 3/8
04	1/2	Rc (PT) 1/2
M		Mix

⦿ \*Bottom ported: Only Rc (PT) 3/8.

Thread

—	Rc (PT)
N*	NPT
T*	NPTF
F*	G (PF)

\* Option

Voltage of air release valve

—	None (F, G type only)
1	100V AC 50/60Hz
5	24V DC
9	Other

Control unit

Control apparatus	Symbol	—	A	AP	M	MP	F	G	C	E
Air filter with auto drain			●	●			●			
Air filter with manual drain					●	●		●		
Regulator			●	●	●	●	●	●		
Air release valve			●	●	●	●			●	●
Pressure switch*				●		●				
Blank plate (Air release valve)							●	●		
Blank plate (Filter, Regulator)									●	
Mounting manifold block			2 stations	2 stations	2 stations	2 stations	2 stations	2 stations	2 stations	1 station

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

<<Example>> • Plug-in with terminal block In order to mount control unit, it requires 2 stations.  
(Manifold base) **VV5FS4-01T-081-03-AP** ..... 1  
(2 position single) **VFS4100-5FZ** ..... 4  
(2 position double) **VFS4200-5FZ** ..... 2  
• Non Plug-in - In order to mount control unit, it requires 2 stations.  
(Manifold base) **VV5FS4-10-061-03-A** ..... 1  
(2 position single) **VFS4110-5D** ..... 4

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

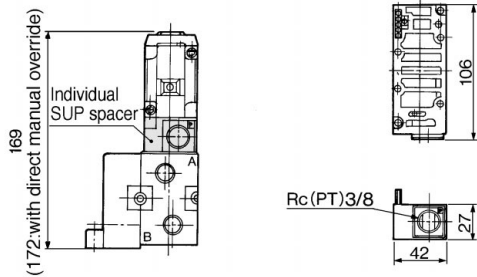




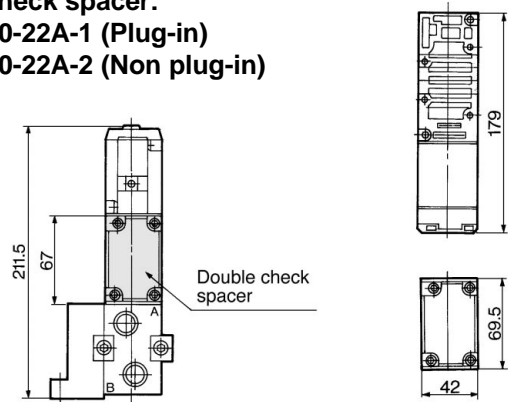


## Manifold Optional Parts Plug-in/Non Plug-in

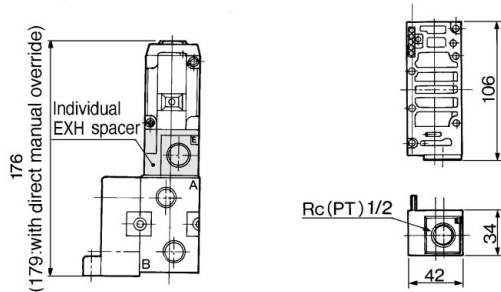
**Individual SUP spacer:**  
**VVFS4000-P-03-1 (Plug-in)**  
**VVFS4000-P-03-2 (Non plug-in)**



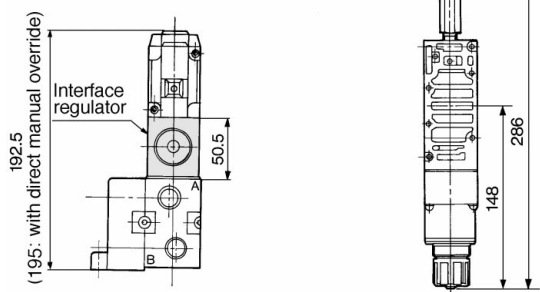
**Double check spacer:**  
**VVFS4000-22A-1 (Plug-in)**  
**VVFS4000-22A-2 (Non plug-in)**



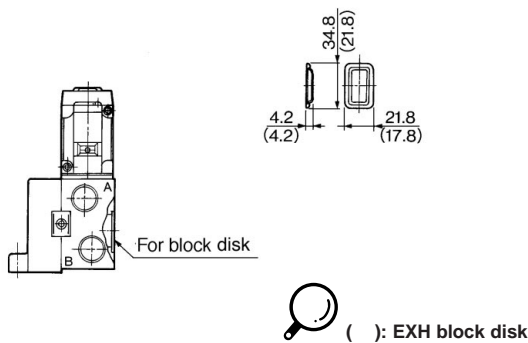
**Individual EXH spacer:**  
**VVFS4000-R-04-1 (Plug-in)**  
**VVFS4000-R-04-2 (Non plug-in)**



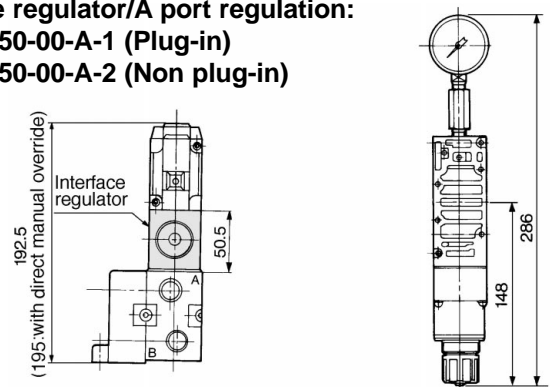
**Interface regulator/P port regulation:**  
**ARBF4050-00-P-1 (Plug-in)**  
**ARBF4050-00-P-2 (Non plug-in)**



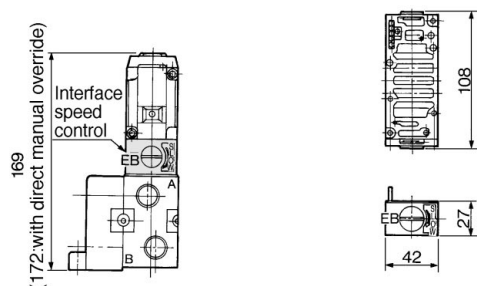
**SUP block disk: AXT634-10A**  
**EXH block disk: AXT634-11A**



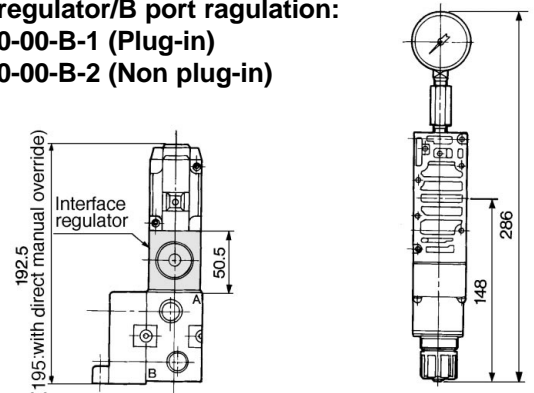
**Interface regulator/A port regulation:**  
**ARBF4050-00-A-1 (Plug-in)**  
**ARBF4050-00-A-2 (Non plug-in)**



**Interface speed control:**  
**VVFS4000-20A-1 (Plug-in)**  
**VVFS4000-20A-2 (Non plug-in)**



**Interface regulator/B port regulation:**  
**ARBF4050-00-B-1 (Plug-in)**  
**ARBF4050-00-B-2 (Non plug-in)**

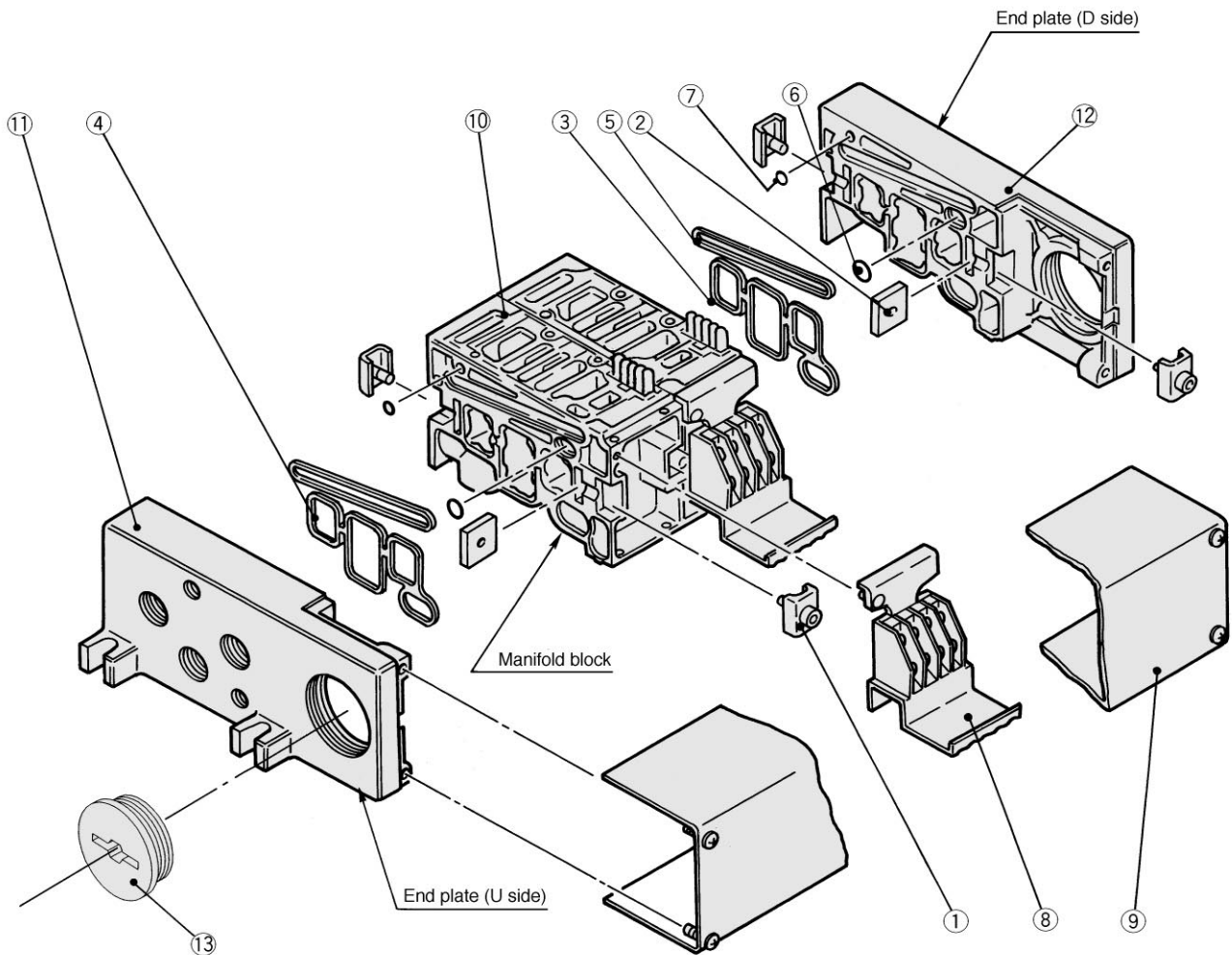


- |  |   |                     |
|--|---|---------------------|
|  | Individual SUP spacer                     | SV5FS42, (#10, 001) |
|  | Individual EXH spacer                     | SV5FS42, (#10, 002) |
|  | Interface speed control                   | SV5FS42, (#10, 003) |
|  | Double check spacer                       | SV5FS42, (#10, 004) |
|  | Interface regulator/Pressure regulation P | SV5FS42, (#10, 005) |
|  | Interface regulator/Pressure regulation A | SV5FS42, (#10, 006) |
|  | Interface regulator/Pressure regulation B | SV5FS42, (#10, 007) |

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

# VFS4000

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



### Replacement Parts

No.	Description	Material	Part No.
①	Metal joint A	Steel plate	VVF4000-5-1A
②	Metal joint B	Steel plate	VVF4000-5-2
③	Gasket	NBR	VVF4000-7 (For end plate)
④	Gasket	NBR	VVF4000-7-1 (For manifold block)
⑤	Gasket	NBR	VVF4000-8
⑥	O ring	NBR	AS568-011
⑦	O ring	NBR	P-3
⑧	Terminal assembly	—	VVFS4000-6A
⑨	Junction cover assembly	01T	VVF4000-4A- <small>stations</small>
		01SU	AZ738-30A- <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.

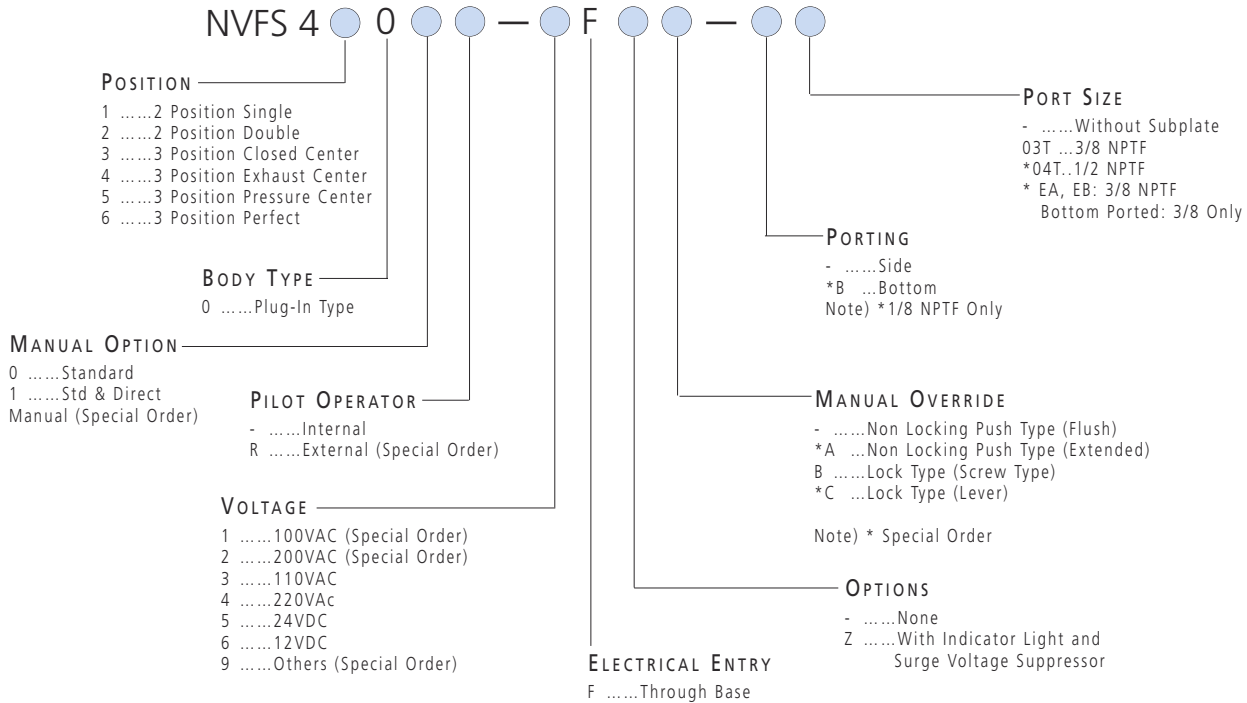
### Replacement Parts Sub-assembly



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

No.	Description	Assembly No.	Component parts	Applicable manifold base
⑩	Manifold block assembly	VVF4000-1A-1- <sup>03</sup> / <sub>04</sub>	Manifold block ⑩, Terminal ⑧, Metal joint ①, ②, Gasket ④, Receptacle assembly	Plug-in
		VVF4000-1A-2- <sup>03</sup> / <sub>04</sub>	Manifold block ⑩, Metal joint ①, ②, Gasket ④	Non Plug-in
⑪	End plate assembly (U side)	VVF4000-2A-1	End plate(U) ⑪, Metal joint ①, ②	Plug-in
		VVF4000-2A-2	End plate(U) ⑪, Metal joint ①, ②	Non Plug-in
⑫	End plate assembly (D side)	VVF4000-3A-1	End plate(D) ⑫, Metal joint ①, ②, Gasket ③, ⑤, O ring ⑥, ⑦	Plug-in
		VVF4000-3A-2	End plate(D) ⑫, Metal joint ①, ②, Gasket ③, ⑤, O ring ⑥, ⑦	Non Plug-in

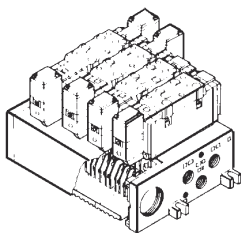
**HOW TO  
ORDER  
NVFS4000**



**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.



**NVV5FS4-01T-061-03T**

Series NVFS4000  
Manifold valve

Plug-in type  
With terminal block

**Stations**

02	2 stations
⋮	⋮
10	10 stations

● **Port size**

Suffix	P, EA, EB	A, B
03T	3/8 NPTF	3/8 NPTF
04T	1/2 NPTF	1/2 NPTF

\* Bottom ported 3/8NPTF only.

● **Symbol**

Suffix	Port specifications		Porting specifications (A,B)
	P	EA, EB	
1	Common	Common	Side
* 2	Common	Common	*Bottom
	Mixed		

\* Special order.

SEE INSIDE FRONT COVER FOR  
DETAILS OF YOUR LOCAL SALES OFFICE



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

HOW TO  
ORDER

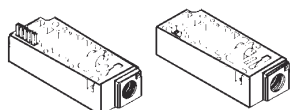
MANIFOLD / OPTION PARTS ASSEMBLY

## Manifold / Option Parts

### SUP Relocation spacer

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

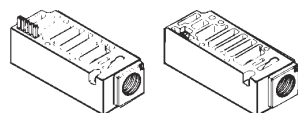
Body type	Plug-in type
Part No.	NVVFS4000-P-03T-1



### 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.	NVVFS4000-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.	AXT634-10A



SUP block disc

### EXH gallery block disc

When valve exhaust affects the other stations on the circuit or when the reverse 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
Parts No.	AXT634-11A

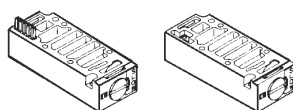


EXH block disc

### Interface speed control

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

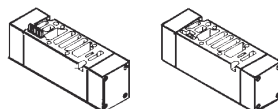
Body type	Plug-in type
Part No.	NVVFS4000-20A-1



### 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.

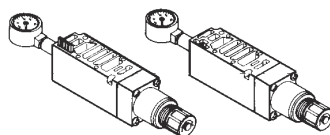
Body type	Plug-in type
Part No.	NVVFS4000-22A-1



### Interface regulator

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

Body type	Plug-in type
Pressure Regulation P	NARBF4000-NO-P-1
Pressure Regulation A	NARBF4000-NO-A-1
Pressure Regulation B	NARBF4000-NO-B-1



### Blank plate : VVFS4000-10A

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

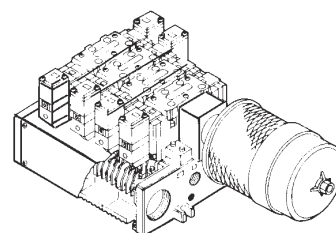
Body type	Plug-in type
Part No.	VVFS4000-10A

## Manifold Options

### With exhaust cleaner unit

Plug-in type

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

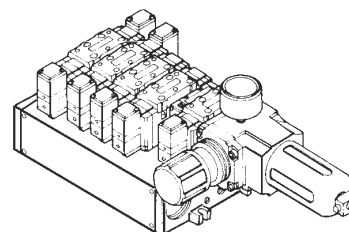


For more information,  
refer to catalog N233

### With Control Unit

Plug-in type

- Filter/Regulator, Pressure Switch, and Air shutoff valve all combine to form one unit.
- Piping work eliminated.



For more information,  
refer to catalog N233



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