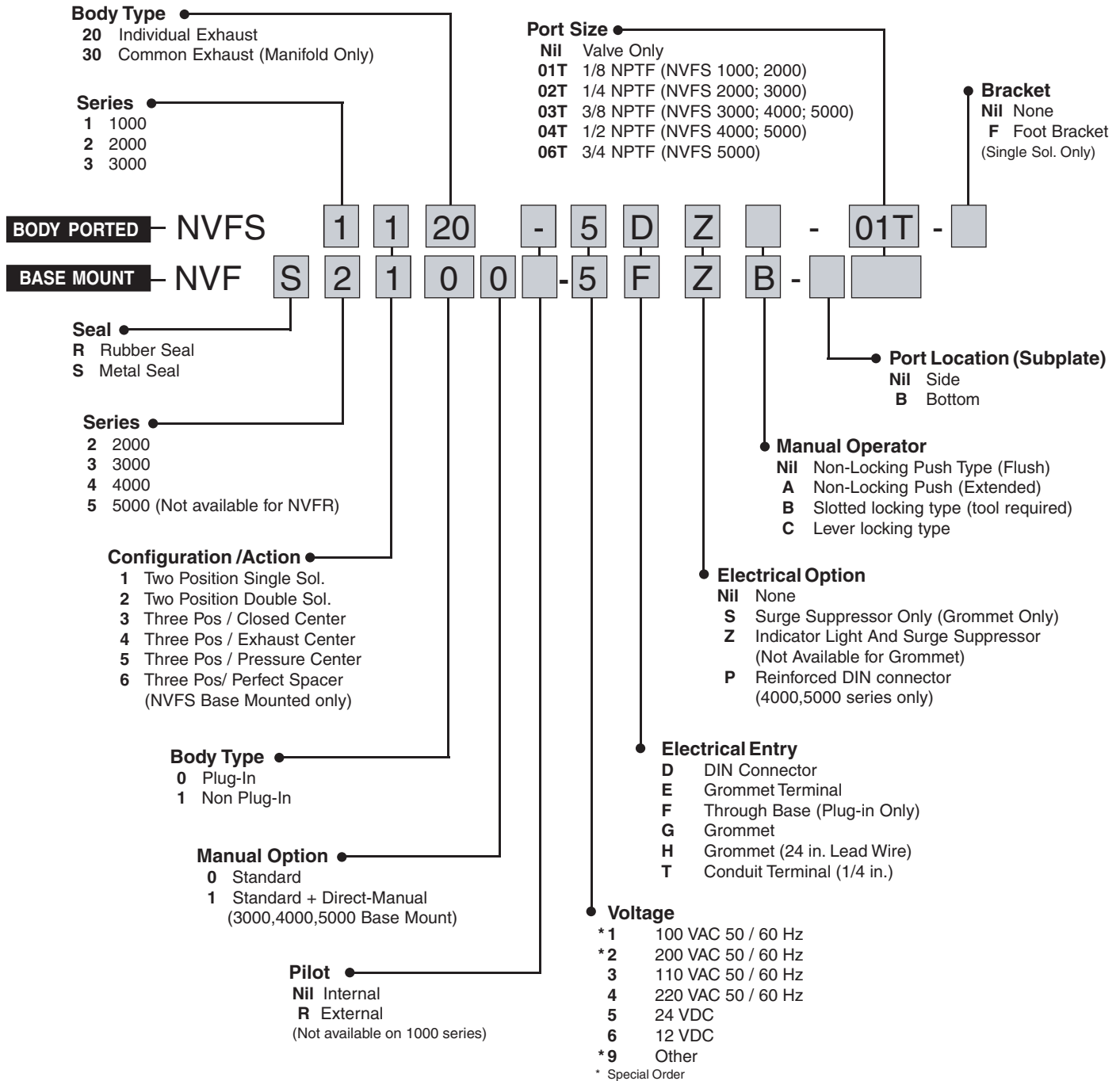


5-port Solenoid Operated Multi-interface



NOTE: For more information on Series NVFR see catalog number N234.



# How to Order & Pricing

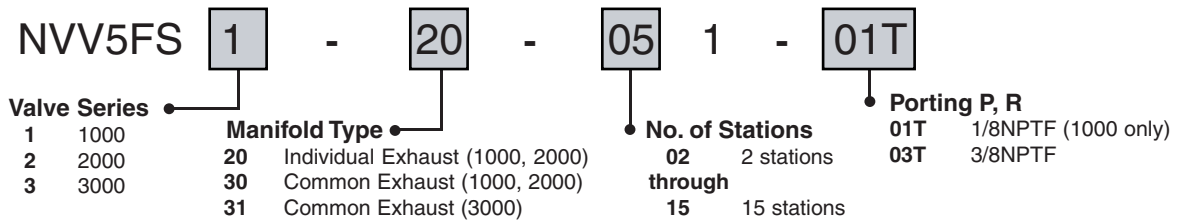
# 5-port Valve Series NVFS 1000, 2000, 3000 Family Code 250, 251, 252

Valve Model No.	Base Price	Adders							Accessories		
		Voltages		Electrical Entry			Electrical Option		Manual Operators	External Pilot	Foot Bracket
		1, 2, 3, 4, 5, 6	9	G	D, T, E	H	Z	S			
NVFS1120- NVFS1130-	45.95										2.30
NVFS1220- NVFS1230-	67.85										N/A
NVFS1320- NVFS1330-	77.65										
NVFS1420- NVFS1430-	77.65										
NVFS1520- NVFS1530-	77.65										
NVFS2120- NVFS2130-	55.80										
NVFS2220- NVFS2230-	78.75										N/A
NVFS2320- NVFS2330-	92.95	N/C	C/F	N/C	5.55 per sol.	2.30 per sol.	4.45 per sol.	3.30 per sol.	N/C		
NVFS2420- NVFS2430-	92.95										
NVFS2520- NVFS2530-	92.95										
NVFS3120- NVFS3130-	67.65										
NVFS3220- NVFS3230-	87.45										N/A
NVFS3320- NVFS3330-	101.70										
NVFS3420- NVFS3430-	101.70										
NVFS3520- NVFS3530-	101.70										

## HOW TO ORDER

## 5-port Body Ported Valve Series NVFS1000, 2000, 3000

### Manifold



### Pricing

Manifold Part No.	Base Price (2 stations)	Adder Each Add'l Station	Blank Station Kit	SUP Blocking Disc	EXH Blocking Disc
NVV5FS1-20	17.55	5.50	5.50		
NVV5FS1-30	17.55	5.50	(VVFS1000-10A-1)		
NVV5FS2-20	30.10	7.50	6.95		
NVV5FS2-30	32.85	8.75	(VVFS2000-10A-1)		
NVV5FS3-31	50.35	14.85	7.75 (VVFS3000-10A-1)	3.30 (AXT636-10A)	3.30 (AXT636-11A)

Please refer to assembly and repair accessories for individual part numbers.



**Plug-In Type**  
**Series 2000, 3000, 4000**

Model Number	Base Price	Voltages		Elect. Option Z	Direct Override	External Pilot R	Operator Options STD., A, B, C	Subplates
		1, 2, 3, 4, 5, 6	9					
NVFR2100-F	43.75	N/C	C/F	6.10 single sol.				16.75
NVFR2200-F	67.85							
NVFR2300-F	78.75							
NVFR2400-F	78.75							
NVFR2500-F	78.75							
NVFR3100-F	65.65			4.45				
NVFR3200-F	92.95							
NVFR3300-F	103.85			2.30 single sol.			N/C	19.30
NVFR3400-F	103.85							
NVFR3500-F	103.85							
NVFR4100-F	90.75			4.95 per sol.				
NVFR4200-F	115.90							
NVFR4300-F	129.00							
NVFR4400-F	129.00							
NVFR4500-F	129.00							
				4.45 double sol.		4.95		21.65

NOTE: For factory assembled valve and subplate, add 1.10 to the list price.

**Non Plug-In Type**  
**Series 2000, 3000, 4000**

Model Number	Base Price	Voltages		Electrical Entry					Electrical Options			Direct Override	External Pilot	Operator Options STD., A, B, C	Subplates	
		1, 2, 3, 4, 5, 6	9	G	H	D	E	T	Z	S	P					
NVFR2110-	43.75	N/C	C/F	N/C	2.30 per sol.	5.55 per sol.	5.55 per sol.	5.55 per sol.	6.10 single sol.	3.30 per sol.						10.40
NVFR2210-	67.85															
NVFR2310-	78.75															
NVFR2410-	78.75															
NVFR2510-	78.75															
NVFR3110-	65.65			4.45												
NVFR3210-	92.95															
NVFR3310-	103.85			2.30 single sol.									N/C	12.10		
NVFR3410-	103.85															
NVFR3510-	103.85															
NVFR4110-	90.75			4.95 per sol.			7.20	N/C								
NVFR4210-	115.90															
NVFR4310-	129.00															
NVFR4410-	129.00															
NVFR4510-	129.00															
										0.70		4.45 double sol.	4.95		15.70	

NOTE: For factory assembled valve and subplate, add 1.10 to the list price.



**Plug-In Type**

**Series 2000, 3000, 4000, 5000**

Model Number	Base Price	Voltages		Elect. Option	Direct Override	External Pilot	Operator Options	Subplates
		1, 2, 3, 4, 5, 6	9	Z		R	STD., A, B, C	
NVFS2100-F	48.20	N/C	C/F	6.10 Single Sol.		4.45	N/C	16.75
NVFS2200-F	72.20							
NVFS2300-F	84.25							
NVFS2400-F	84.25							
NVFS2500-F	84.25							
NVFS2600-F	138.30							
NVFS3100-F	68.90							
NVFS3200-F	96.25							
NVFS3300-F	108.30							
NVFS3400-F	108.30							
NVFS3500-F	108.30							
NVFS3600-F	176.00							
NVFS4100-F	96.80							
NVFS4200-F	121.85							
NVFS4300-F	136.10							
NVFS4400-F	136.10							
NVFS4500-F	136.10							
NVFS4600-F	223.55							
NVFS5100-F	113.55							
NVFS5200-F	146.25							
NVFS5300-F	163.75							
NVFS5400-F	163.75							
NVFS5500-F	163.75							
NVFS5600-F	289.40							
				8.25 Double Sol.				19.30
				4.95 per sol.	2.30 Single Sol.			21.65
					4.45 Double Sol.	4.95		26.45

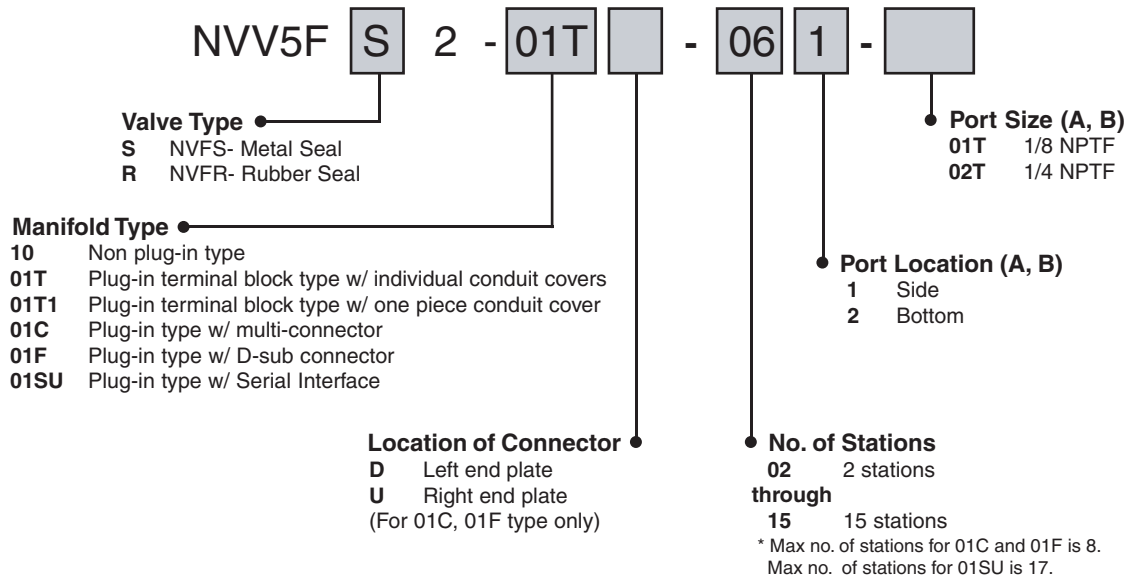
NOTE: For factory assembled valve and subplate, add 1.10 to the list price.

**Non Plug-In Type**

**Series 2000, 3000, 4000, 5000**

Model Number	Base Price	Voltages		Electrical Entry					Electrical Options			Direct Override	External Pilot	Operator Options	Subplates
		1, 2, 3, 4, 5, 6	9	G	H	D	E	T	Z	S	P		R	STD., A, B, C	
NVFS2110-	48.20	N/C	C/F	N/C	2.30 per sol.	5.55 per sol.	5.55 per sol.	5.55 per sol.	6.10 Single Sol.	3.30 per sol.		2.30 Single Sol.	4.45	N/C	10.40
NVFS2210-	72.20														
NVFS2310-	84.25														
NVFS2410-	84.25														
NVFS2510-	84.25														
NVFS2610-	138.30														
NVFS3110-	68.90														
NVFS3210-	96.25														
NVFS3310-	108.30														
NVFS3410-	108.30														
NVFS3510-	108.30														
NVFS3610-	176.00														
NVFS4110-	96.80														
NVFS4210-	121.85														
NVFS4310-	136.10														
NVFS4410-	136.10														
NVFS4510-	136.10														
NVFS4610-	223.55														
NVFS5110-	113.55														
NVFS5210-	146.25														
NVFS5310-	163.75														
NVFS5410-	163.75														
NVFS5510-	163.75														
NVFS5610-	289.40														
									8.25 Double Sol.						12.10
						7.20	N/C		4.95 per sol.			4.45 Double Sol.	4.95		15.70
										0.70					20.10

NOTE: For factory assembled valve and subplate, add 1.10 to the list price.



**Pricing**

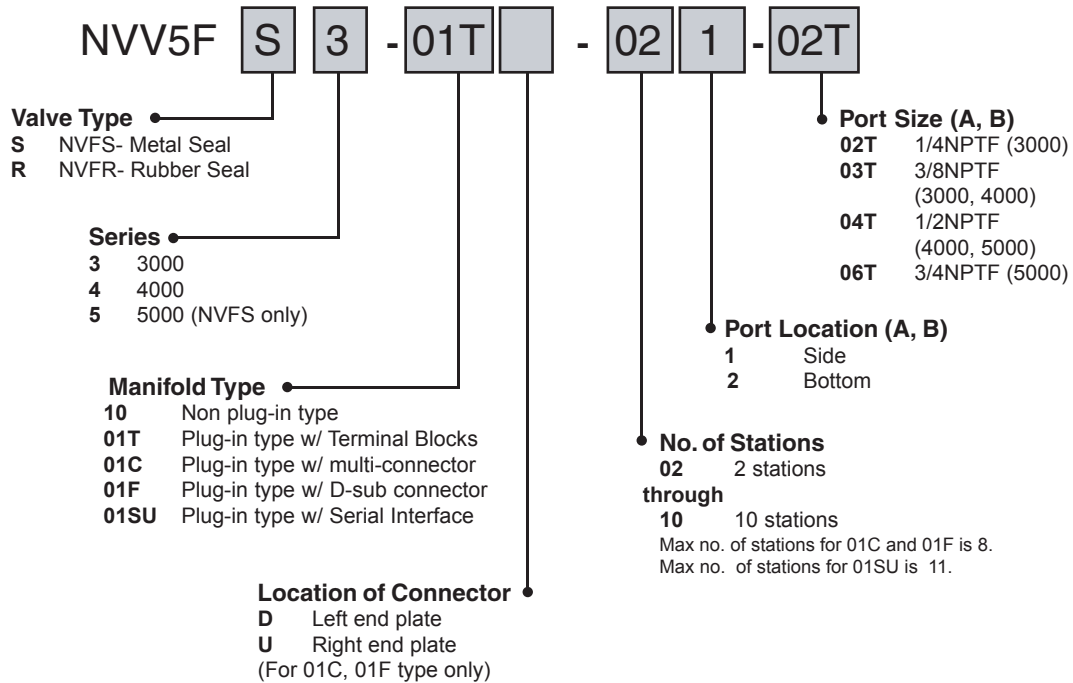
Manifold Part Number	Base Price 2 Stations	Adder Each Add'l Station	Blank Station Kit	Blocking Disc
NVV5FS/R2-10-	52.75	16.30	7.30 (VVFS2000-10A)	2.50 (AXT625-12A)
NVV5FS/R2-01T-	68.90	21.90		
NVV5FS/R2-01T1-	68.90	21.90		
NVV5FS/R2-01C*-	122.30	26.55		
NVV5FS/R2-01F*-	116.40	26.55		
NVV5FS/R2-01SU-	133.90	26.55		

NOTE: For 01SU manifold, SI unit takes up 1 station. Maximum No. of solenoids is 16.  
\*Please refer to assembly and repair accessories for individual part numbers.



## How to Order & Pricing

## 5-port Base Mounted Manifold Series NVFR/NVFS 3000, 4000, 5000 Family Code 246, 247, 248, 252, 253, 254



### Pricing

Part Number	Base Price 2 Stations	Adder Each Add'l Station	Blank Station Kit	EXH Blocking Disc	SUP Blocking Disc
NVV5FS/R3-10-	65.55	19.20	8.10 (VVFS3000-10A)	3.30 (AXT636-1A)	3.30 (AXT636-1A)
NVV5FS/R3-01T-	90.95	26.70			
NVV5FS/R3-01C*-	144.35	32.50			
NVV5FS/R3-01F*-	132.70	32.50			
NVV5FS/R3-01SU-	156.00	32.50			
NVV5FS/R4-10-	82.90	24.40	12.10 (VVFS4000-10A)	5.80 (AXT634-11A)	5.80 (AXT634-10A)
NVV5FS/R4-01T-	110.70	32.50			
NVV5FS/R4-01C*-	164.00	39.05			
NVV5FS/R4-01F*-	152.45	39.05			
NVV5FS/R4-01SU-	175.75	39.05			
NVV5FS5-10-	111.90	34.20	13.85 (VVFS5000-10A)	6.40 (AXT512-14-1A)	5.85 (AXT628-12A)
NVV5FS5-01T-	142.70	42.90			
NVV5FS5-01C*-	196.00	49.45			
NVV5FS5-01F*-	184.65	49.45			
NVV5FS5-01SU-	207.65	49.45			

NOTE: For 01SU manifold, SI unit takes up 1 station. Maximum No. of solenoids is 16.  
Please refer to assembly and repair accessories for individual part numbers.



**Interface Options**

**Insert-1 (Plug-in) or-2 (Non Plug-in) where asterisk appears**

	Part Number	Description	List Price
2000	NARBF2000-00-P-*	Interface Regulator (w/gauge)	52.95
	NVVS2000-22A-*	Interface Perfect Spacer (3 Pos.)	54.15
	NVVS2000-24A-*	Shut-Off Valve Spacer (Specify L or R)	14.50
	NVVS2000-P- <sup>01</sup> / <sub>02</sub> T-*	Supply Relocation Block (Specify 01 or 02)	15.35
	NVVS2000-R- <sup>01</sup> / <sub>02</sub> T-*	Exhaust Relocation Block (Specify 01 or 02)	15.35
	VVFS2000-20A-*	Interface speed Control	23.00
3000	NARBF3000-NO-A-*	Interface (A Port) Regulator w/ guage	88.15
	NARBF3000-NO-B-*	Interface (B Port) Regulator w/ guage	88.15
	NARBF3000-NO-P-*	Interface Supply Regulator (w/guage)	79.40
	NVVS3000-24A- <sup>h</sup> *	Shutoff Valve Spacer (Specify L or R)	47.05
	NVVS3000-P-03T-*	Supply Relocation Block	18.65
	NVVS3000-R-03T-*	Exhaust Relocation Block	18.65
4000	VVFS3000-20A-*	Interface Speed Control	32.85
	VVFS3000-22A-*	Interface Perfect Spacer (3 Pos.)	67.85
	NARBF4000-NO-A-*	Interface (A Port) Regulator w/ guage	100.60
	NARBF4000-NO-B-*	Interface (B Port) Regulator w/ guage	100.60
	NARBF4000-NO-P-*	Interface Supply Regulator (w/guage)	94.05
	NVVS4000-P-03T-*	Supply Relocation Block	20.75
5000	NVVS4000-R-04T-*	Exhaust Relocation Block	20.75
	VVFS4000-20A-*	Interface Speed Control	48.30
	VVFS4000-22A-*	Interface Perfect Spacer (3 Pos.)	87.45
	NARBF5000-NO-A-*	Interface (A Port) Regulator w/ guage	119.15
	NARBF5000-NO-B-*	Interface (B Port) Regulator w/ guage	119.15
	NARBF5000-NO-P-*	Interface Supply Regulator (w/guage)	113.70
0000	NVVS5000-P-04T-*	Supply Relocation Block	28.75
	NVVS5000-R-04T-*	Exhaust Relocation Block	28.75
	NVVS5000-20A-*	Interface Speed Control	82.70
	VVFS5000-22A-*	Interface Perfect Spacer (3 Pos.)	125.75

**NOTE:** Interface accessories specified in manifold assembly will be factory installed with appropriate hardware.  
 Interface accessories ordered separately will include gasket and screws for valve + that interface only.

**Manifold Control Unit**

**(Specify as stations 1 & 2. See example on the following page.)**

Suffix ("XX")	List Price		
Series	2000	3000	4000
<b>Part Number</b>	NINOA-3496- <sup>1</sup> / <sub>2</sub> "XX"	NINOA-3989- <sup>1</sup> / <sub>2</sub> "XX"	NINOA3992- <sup>1</sup> / <sub>2</sub> "XX"
<b>A**</b>	133.15	167.50	209.85
<b>AP**</b>	174.60	209.05	251.35
<b>C**</b>	97.60	124.60	150.95
<b>F*</b>	133.10	167.50	209.85
<b>G*</b>	120.60	155.00	199.20
<b>M**</b>	121.05	155.00	199.20
<b>MP**</b>	162.05	196.70	240.75
<b>Shutoff Valve Blank Plate</b>	AXT625-18A 7.30	VVFS3000-24A-10 14.45	VVFS4000-24A-10 17.55

\*Must specify Shut-off Valve Blank Plate as station 2.

\*\*Price does not include air shut off valve. Must price air shut off valve seperately.

**Exhaust Cleaner Adapter**

Suffix ("XX")	Adder Price		
Series	3000	4000	5000
<b>-CD</b>	25.30	25.30	42.15
<b>-CU</b>	25.30	25.30	42.15
<b>Note*</b>	W/O NAMC610	W/O NAMC <sup>§</sup> 10	W/O NAMC810

\*Price does not include exhaust cleaner. Order exhaust cleaner unit separately.

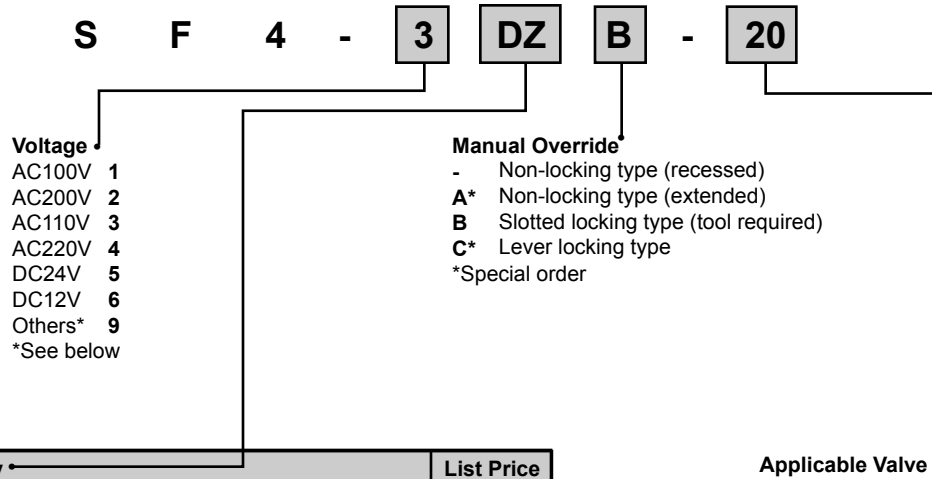
**Multi-Connector mating Cable/Plug Ass'y**

Part Number	Cable Length	List Price
VVFS2000-30A-1	1.5M (5')	128.35
VVFS2000-30A-2	3M (10')	148.10

**D-Sub Connector mating Cable/Plug Ass'y**

Part Number	Cable Length	List Price
VVZS3000-21A-1	1.5M (5')	41.15
VVZS3000-21A-2	3M (10')	51.15

## Replacement Solenoid/Pilot Assemblies



Electrical Entry		List Price
<b>F</b>	Plug-in type	20.85
<b>G</b>	Grommet (12")	17.55
<b>GS*</b>	Grommet (12"L) w/surge suppressor	20.85
<b>H*</b>	Grommet (24")	19.75
<b>HS*</b>	Grommet (24") w/surge suppressor	23.00
<b>E*</b>	Grommet Terminal	23.00
<b>EZ*</b>	Grommet Terminal w/light & surge supp.	27.35
<b>T</b>	Conduit (1/4)Terminal	23.00
<b>TZ</b>	Conduit Terminal w/light & surge supp.	27.35
<b>D</b>	DIN Plug Connector	23.00
<b>DZ</b>	DIN Plug w/light & surge suppressor	27.35
<b>DO</b>	DIN Plug type w/o Connector	18.65
<b>DOZ</b>	DIN Plug w/o Conn. w/light & surge	23.00
<b>M*</b>	Plug-in Wire Connector (12")	20.85
<b>MZ*</b>	Plug-in Wire Connector (12") w/light & surge	23.00
<b>L*</b>	Plug-in Wire Connector (12")	20.85
<b>LZ*</b>	Plug-in Wire Connector (12"0 w/light & surge	23.00

\*Special Order

Applicable Valve	
10	NVF110
13	NVF110H
12	NVFS2*20
13	NVFS2*30
14	NVFS3*20 (A side)
15	NVFS3220 (B side)
16	NVFS3;30 (B side)
17	NVFS3*30 (A side)
18	NVFS3230 (B side)
19	NVFS3;30 (B side)
20	NVFS2*00 / NVFS2*10
21	NVFS1*20
22	NVFS1*30
30	NVFS3*;0, NVFS4*;0, NVFS5*;0
50	NVF3000, NVF5000
60	NVFR2*00 / NVFR2*10
70	NVFR3*;0, NVFR4*;0

**SPECIAL VOLTAGE AVAILABLE / MADE TO ORDER:**

AC type: AC12V, AC16V, AC24V, AC32V, AC42V, AC48V, AC127V  
 DC type: DC6V, DC33V, DC48V, DC75V, DC100V, DC110V, DC120V

Example: NVFS2110-9D-02T (DC75V)

NOTE: Other voltage available by special order.





### NVF110

Description	Part Number	List Price	Disc. Code
Foot bracket kit	AXT626-10A	2.30	2
Blank station kit	VVF100-2	3.30	2
Manifold bracket kit	DXT170-34-2	4.45 /set	2
Base gasket (2-sta.)	VV100-3-1	0.55	1
Base gasket (3-sta.)	VV100-3-2	0.75	1
Valve mounting screw	AXT624-26	0.55	1

### NVF3000

Description	Part Number	List Price	Disc. Code
Manifold Blank Station Kit	DXT031-38-1A	7.15	2
Foot Bracket (NVF3122 Only)	DXT031-40-3A	2.90	2
Manifold Mounting Gasket	DXT031-30-2	1.00	1
Manifold Mounting Screws	DXT031-44-1	0.85	1
EXH Relocation Spacer Assembly	DXT155-17-1TA	15.40	2

### NVF5000

Description	Part Number	List Price	Disc. Code
Manifold Blank Station Kit	DXT156-19-1A	6.80	2
Manifold Mounting Gasket	DXT156-9-2	1.05	1
Manifold Mounting Bolt (M4x48)	DXT620-32-1	0.80	1
EXH Relocation Spacer	DXT156-20-1TA	16.60	2

## NVFS Body Ported Series

### Foot Brackets

Part Number	Description	List Price
AXT626-10A	Foot Bracket (NVFS1120 Only)	2.30
VFN200-17A	Foot Bracket (NVFS2120 Only)	2.80
VVFS3000-52A	Foot Bracket (NVFS3120 Only)	3.30

### Manifold Spare Parts

### Mounting Kits

Part Number	Description	List Price
AXT625-52A	NVFS1000 Manifold Mounting Kit (Gasket, (2) Bolts)	2.30
VVFS2000-31A	NVFS2000 Manifold Mounting Kit (Gasket, (2) Bolts)	2.80
VVFS3000-31A	NVFS3000 Manifold Mounting Kit (Gasket, (2) Bolts)	3.30

### NVFS3000 Manifold Blocks

Part Number	Description	List Price
MBF3510-00-1	1/4", 3/8", A, B Top Outlet*	13.70

### NVFS3000 End Plate Kits\*

Part Number	Description	List Price
MEF353LR-00-1	3/8" NPTF P, EA, EB	23.00



## How to Order & Pricing

### Valve Mounting Hardware

Part Number	Req'd/Sta.	Description	List Price
AXT624-20-2A	1	Foot Bracket (NVFS1120 Only)	2.30
AXT624-20-2	1	Foot Bracket (NVFS2120 Only)	2.80
AXT624-26	3	Foot Bracket (NVFS3120 Only)	3.30

### Valve Mounting Hardware

Part Number	Req'd/Sta.	Description	List Price
AXT625-23	3	(M3X55) Valve + Type A Interface	0.95
AXT625-61	3	(M3X78) Valve + (2) Type A Interface	1.20
AXT625-62	3	(M3X101) Valve + (3) Type A Interface	1.65
VVF2000-22-15	3	(M3X69) Valve + Perfect Spacer	1.10
VVF2000-22-19	3	(M3X92) Valve + Perfect Sp. + Type A	1.65
VVF2000-22-20	3	(M3X115) Valve + Perfect Sp. + (2) Type A	2.35

Type A Interfaces: SUP/EXH Relocation Blocks; Speed Control; Regulator; Drop Guard; Air Shut Off Valve.

### Manifold Blocks

Description	Plug-In Model (W/Terminal)*	List Price	Plug-In Model (W/Connector)**	List Price	Non Plug-In Model	List Price
1/8 NPTF Side	MBF2610-01-1A	16.75	MBF2610-01-1B	14.85	MBF2610-01-1	13.30
1/4 NPTF Side	MBF2610-02-1A	16.75	MBF2610-02-1B	14.85	MBF2610-02-1	13.30
1/8 A, B Side; 1/8 P, A, B Bottom	MBF2611-01-1A	16.75	MBF2611-01-1B	14.85	MBF2611-01-1	13.30
1/4 A, B Side; 1/8 P, A, B Bottom	MBF2612-01-1A	16.75	MBF2612-01-1B	14.85	MBF2612-01-1	13.30

\*Base includes conduit adapter, terminal block, & plug-in conn. (2")

\*\*\*Base includes conduit adapter & plug conn. harness (24")

### Spare Parts (Plug-in Type Only)

\*\*\*ITEMS BELOW ARE INCLUDED IN BLOCK SUB-ASSEMBLIES\*\*\*

Part Number	Description	List Price
AXT625-28-1	Conduit Adapter**	0.90
AXT625-28-1A	Conduit Adapter w/Terminal Ass'y**	6.35
AXT625-28-2A	Terminal Block (Individual)***	5.55
AXT625-28-5A	Terminal Wire Connector Ass'y (2")***	2.25
AXT624-52A-D1-3	Plug-in Connector (24") Harness	4.65

\*\*If no ordered w/block sub-ass'y, each station requires (1) adapter (with or without terminal).

\*\*\*Electrical connection to terminal is made via connector ass'y (order separately)

### End Plate Kits

Description	Plug-In Model (W/Terminal)*	List Price	Plug-In Model (W/Connector)**	List Price
14 P, EA, EB (3/4" Conduit Entry)	ME263LR-02-1	24.75	ME272LR-02-1	20.20

### Manifold Conduit Covers (Plug-in Type Only)

Part Number	Description	List Price
NVVF2000-4A-"XX"	One-Piece Conduit Cover (XX=#STA)	5.55 (2) + 1.15 Add'l
AXT625-28-3A	Unit Type Individual Conduit Cover*	1.25 /Station
AXT625-87	Conduit Cover Retainer*	0.75 Each

\*Unit type covers require 2 pcs. retainer per manifold ass'y (order separately).



# Assembly & Repair Accessories

## Series NVFR / NVFS2000 / 3000 Base Mounted

### Family Code 245 / 251 / 252

## How to Order & Pricing

### Additional Manifold Hardware

Part Number	Req'd/Sta.	Description	List Price
MBF26-RP	1	Manifold seal/O-ring kit	2.40
AXT625-4A	2	Manifold clamp/joint set	1.10

### Subplate Assemblies

"XX"	Description	Plug-In Model	List Price	Non Plug-In Model	List Price
-01T	1/8 NTF Side	SPF0191-01	16.75	SPF0191-01	10.40
-02T	1/4 NPTF Side	SPF0191-02	16.75	SPF0191-02	10.40
-B01T	1/8 NPTF Side & Bottom	SPF0193-01	16.75	SPF0193-01	10.40

\*Std. w/Terminal

NOTE: To order subplate compatible with external pilot valve, and "R" to part number (Ex. SPF0191"R"-01) and add 2.10 to list price.

### Control Unit Parts & Sub-Assemblies

Part Number	Description	List Price	Disc. Code
INOA-3496-1A-T	Control Unit Adapter Plate	38.30	2
NINA-13-794G-XN	C.U. Filter/Reg. Unit (man. drain)	70.05	2
NINA-13-806G-XN	C.U. Filter/Reg. Unit (auto drain)	82.65	2
IS1000P-2-1	C.U. Pressure Switch	41.60	2
MP2-2	Blank Plate Ass'y (F/R unit)	38.30	2
MP3-2	Blank Plate Ass'y (pressure switch)	9.90	2
AXT625-18A	Blank Plate Ass'y (shutoff valve)	7.30	2
NC300F	Bowl/Guard, Filter w/manual drain	11.35	1
NAD43	Bowl/Guard, Filter w/auto drain	26.75	6
NAF3000-1R	Filter Repair Kit (element/O-ring)	9.75	1
151111	Gasket, Pressure Switch	0.70	1

### SERIES NVFR / NVFS3000 Base Mounted Valve Mounting Hardware

Part Number	Req'd/Sta.	Description	List Price
NVFS3000-20A	1	Valve Mounting Kit (Gasket, (3) Bolts)	2.55
VFR3000-26-4	1	Valve Mounting Gasket (Individual)	0.95
AXT632-3	3	Valve Mounting Bolt (Individual)	0.70

### Special Mtg Hardware\*

Part Number	Req'd/Sta.	Description	List Price
AXT632-4-1	3	(M3X60) Valve + Type A Interface	1.00
VP500-24-6	2	(M3X18) Secondary Bolts for Above	0.45
AXT632-4-2	3	(M3X72) Valve + Regulator	1.10
VVFN200-24	2	(M3X42) Secondary Bolts for Above	0.60
AXT632-4-3	3	(M3X88) Valve + (2) Type A Interface	1.30
AXT625-37	2	(M3X47) Secondary Bolts for Above	0.85
AXT632-4-4	3	(M3X100) Valve + Regulator + A Type	1.65
VVF2000-22-15	2	(M3X69) Secondary Bolts for Above	1.10
AXT632-4-3	3	(M3X88) Valve + Perfect Spacer	1.30
VVFM200-24	2	(M3X42) Secondary Bolts for Above	0.60
AXT632-4-5	3	(M3X117) Valve + Perfect Sp. + Type A	2.35
VVF2000-22-15	2	(M3X69) Secondary Bolts for Above	1.10



## How to Order & Pricing

### Manifold Blocks

Description	Plug-In Model (W/Terminal)*	List Price	Non Plug-In Model	List Price
1/4 NPTF Side	MBF3610-02-1	20.75	MBF3710-02-1	16.15
3/8 NPTF Side	MBF3610-03-1	20.75	MBF3710-03-1	16.15
1/4 NPTF Bottom	MBF3611-02-1	20.75	MBF3711-02-1	16.15

\*Includes base w/terminal block & pre-connected wire insert.

### End Plate Kits\*

Description Manifold End Plate Ass'y	Plug-In Model	List Price	Non Plug-In Model	List Price
1/2 P, EA, EB (1 1/4" Conduit Entry)	MEF363LR-04-1	32.80	MEF373LR-04-1	27.05

\*Includes left and right endplates, hardware.

### Manifold Conduit Covers (Plug-in Type Only)

Part Number	Description	List Price
VVFS3000-4A-"XX"	One-Piece Conduit Gallery Cover	7.75 (2) + 1.65 Add'l.

(XX=No. of Stations)

### Subplate Assemblies

"xx"	Description	Plug-In Model*	List Price	Non Plug-In Model	List Price
-02T	1/4 NPTF Side	SPF0281-02-D	19.30	SPF0271-02	12.10
-03T	3/8 NPTF Side	SPF0281-03-D	19.30	SPF0271-03	12.10
-B02T	1/4 NPTF Bottom	SPF0282-02-D	19.30	SPF0272-02	12.10

\*Std. W/Terminal.

NOTE: To order subplate compatible with external pilot valve add "R" to part number (EX.SPF028"R"-02-D), and 2.10 to list price

### Control Unit Parts & Sub-Assemblies

Part Number	Description	List Price	Disc. Code
INOA-3918-5A-1-T	Control Unit Adapter Plate (plug-in)	70.00	2
INOA-3918-5A-2-T	Control Unit Adapter Plate (non plug-in)	77.65	2
NINA-13-854G-XN	C.U. Filter/Reg. Unit (man. drain)	71.10	2
NINA-13-854DG-XN	C.U. Filter/Reg. Unit (auto drain)	83.10	2
IS1000P-2-1	C.U. Pressure Switch	41.60	2
MP2-3	Blank Plate Ass'y (F/R unit)	42.10	2
MP3-2	Blank Plate Ass'y (pressure switch)	9.90	2
VVFS3000-24A-10	Blank Plate Ass'y (shutoff valve)	14.45	2
NC300F	Bowl/Guard, Filter w/manual drain	11.35	1
NAD43	Bowl/Guard, Filter w/auto drain	26.70	6
INA-13-854-12-5B	Filter Replacement Element	3.90	1
111512	Filter Replacement O-ring (bowl)	0.70	1
151111	Gasket, Pressure Switch	0.70	1

### Additional Manifold Hardware

Part Number	Req'd/Sta.	Description	List Price
VVFS3000-7	1	Manifold seal gasket	0.55
VVFS3000-8	1	Manifold seal gasket	0.55
19.8 x 16.6 x 1.6	3	Manifold seal O-ring	0.55
6.2 x 3 x 1.6	2	Manifold seal O-ring	0.40
VVFS3000-5-2A	2	Manifold clamp/joint set	1.20

### Exhaust Cleaner

Manifold Suffix	Individual End Plate	Individual Exhaust Adapter
-CD	NVFS3000-3A-2- <sup>1</sup> / <sub>2</sub>	NVFS3000-11A-1
-CD	NVFS3000-2A-2- <sup>1</sup> / <sub>2</sub>	
	<b>List Price</b>	<b>List Price</b>
	20.85	23.00



## How to Order & Pricing

### Valve Mounting Hardware

Part Number	Req'd/Sta.	Description	List Price
NVF4000-20A	1	Valve Mounting Kit (Gasket, (4) Bolts)	2.80
VF4000-20-1	1	Valve Mounting Gasket (Individual)	1.05
AXT335-1-11	4	Valve Mounting Bolt (Individual)	0.55

### Special Mtg Hardware\*

Part Number	Req'd/Sta.	Description	List Price
AXT632-1-1	4	(M4X67) Valve + Type A Interface	0.95
XT066-7D	2	(M4X26) Secondary Bolts for Above	0.50
AXT632-1-2	4	(M4X90) Valve + Regulator	1.05
DXT009-19	2	(M4X50) Secondary Bolts for Above	0.60
AXT622-13-4	4	(M4X75) Valve + Type B Interface	0.95
XT066-7D	4	(M4X26) Secondary Bolts for Above	0.50
AXT632-1-5	2	(M4X110) Valve + Perfect Spacer	2.15
AXT620-39	4	(M4X55) Secondary Bolts for Above	0.80
AXT632-1-6	4	(M4X145) Valve + Perfect + Type B	2.35
AXT632-1-2	2	(M4X90) Secondary Bolts for Above	1.05
AXT632-1-7	4	(M4X95) Valve + (2) Type A Interface	1.30
AXT620-39	4	(M4X55) Secondary Bolts for Above	0.80
AXT632-1-3	2	(M4X102) Valve + Type A + Type B	1.30
AXT333-17-4	4	(M4X60) Secondary Bolts for Above	1.05
AXT632-1-4	4	(M4X120) Valve + Regulator + Type B	2.35
M4X82	2	(M4X82) Secondary Bolts for Above	1.15

Type A Interface: SUP Relocation Block; Speed Control.

Type B Interface: EXH Relocation Block.

\*Interface options require use of "Secondary Bolts" (as listed).

### Manifold Blocks

Description	Plug-In Model (W/Terminal)*	List Price	Non Plug-In Model	List Price
3/8 NPTF Side	MBF4610-03-1	24.55	MBF4710-03-1	20.75
1/2 NPTF Side	MBF4610-04-1	24.55	MBF4710-04-1	20.75
3/8 NPTF Bottom	MBF4611-03-1	24.55	MBF4711-03-1	20.75

\*Includes base w/terminal block & pre-connected wire insert.

### End Plate Kits\*

Description Manifold End Plate Ass'y	Plug-In Model	List Price	Non Plug-In Model	List Price
1/2 P, EA, EB (1 1/4" Conduit Entry)	MEF463LR-04-1	40.85	MEF473LR-04-1	33.95

\*Includes left and right endplates, hardware.

### Manifold Conduit Covers (Plug-in Type Only)

Part Number	Description	List Price
VVF4000-4A-"XX"	One-Piece Conduit Gallary Cover	8.80 (2) + 2.30 Add'l.

(XX=No. of Stations)

### Additional Manifold Hardware

Part Number	Req'd/Sta.	Description	List Price
VVFS4000-7	1	Manifold seal gasket	1.05
VVFS4000-8	1	Manifold seal gasket	1.00
AS568-011	1	Manifold seal O-ring	0.50
AS568-006	1	Manifold seal O-ring	0.50
VVFS4000-5-2A	2	Manifold clamp/joint set	1.20



## How to Order & Pricing

### Subplate Assemblies

"XX"	Description	Plug-In Model	List Price	Non Plug-In Model	List Price
-03T	3/8 NTF Side	SPF0381-03-D	21.65	SPF0371-03	15.70
-04T	1/2 NPTF Side	SPF0381-04-D	21.65	SPF0371-04	15.70
-B03T	3/8 NPTF Side & Bottom	SPF0382-03-D	21.65	SPF0372-03	15.70

\*Std. w/Terminal

NOTE: To order subplate compatible with external pilot valve add "R" to part number (EX. SPF0371"R"-03 ) and 2.10 to list price.

### Control Unit Parts & Sub-Assemblies

Part Number	Description	List Price	Disc. Code
INOA-3919-5A-1-T	Control Unit Adapter Plate (plug-in)	96.45	2
INOA-3919-5A-2-T	Control Unit Adapter Plate (non plug-in)	104.10	2
NINA-13-864G-XN	C.U. Filter/Reg. Unit (man. drain)	88.05	2
NINA-13-864DG-XN	C.U. Filter/Reg. Unit (auto drain)	98.70	2
IS1000P-2-1	C.U. Pressure Switch	41.60	2
MP2-3	Blank Plate Ass'y (F/R unit)	42.10	2
MP3-2	Blank Plate Ass'y (pressure switch)	9.90	2
VVFS4000-24A-10	Blank Plate Ass'y (shutoff valve)	17.55	2
NC400F	Bowl/Guard, Filter w/manual drain	14.25	1
NAD44	Bowl/Guard, Filter w/auto drain	28.05	6
NAF4000-1R	Filter Repair Kit (element/O-ring)	12.65	1
151111	Gasket, Pressure Switch	0.70	1

### Exhaust Cleaner

Manifold Suffix	Individual End Plate	Individual Exhaust Adapter
-CD-1	NVVF4000-3A <sup>1</sup> / <sub>2</sub>	NVVF4000-12A-1
-CD-2		NVVF4000-12A-2
-CU-1	NVVF4000-2A-2- <sup>1</sup> / <sub>2</sub>	NVVF4000-12A-1
-CU-2		NVVF4000-12A-2
	<b>List Price</b>	<b>List Price</b>
	20.85	23.00

### NVFS 5000 Base Mounted Series Valve Mounting Hardware

Part Number	Req'd/Sta.	Description	List Price
AXT627-10-1A	1	Valve Mounting Kit (Gasket, (3) Bolts)	3.10
AXT627-10-1	1	Valve Mounting Gasket (Individual)	1.15
MX5X50	4	Valve Mounting Bolt (Individual)	0.60

### Special Mtg Hardware\*

Part Number	Req'd/Sta.	Description	List Price
M5X80	4	(M5X80) Valve + Type A Interface	1.00
M5X30	2	(M5X30) Secondary Bolts for Above	0.50
M5X100	4	(M5X100) Valve + Regulator	1.40
M5X55	2	(M5X55) Secondary Bolts for Above	0.60
M5X100	4	(M5X100) Valve + Perfect Spacer	1.40
M5X50	2	(M5X50) Secondary Bolts for Above	0.60
M5X120	4	(M5X120) Valve + (2) Type A Interfaces	1.60
M5X65	2	(M5X65) Secondary Bolts for Above	0.65
M5X135	4	(M5X135) Valve + Regulator + Type A	2.20
M5X90	2	(M5X90) Secondary Bolts for Above	1.10

Type A Interfaces: SUP/EXH Relocation Blocks; Speed Control.

\*Interface options require use of "Secondary Bolts: (as listed).

NOTE: All M5 bolts include split washer.



## How to Order & Pricing

### Manifold Blocks

Description	Plug-In Model (W/Terminal)*	List Price	Non Plug-In Model	List Price
1/2 NPTF Side	MBF5610-04-1	34.5	MBF5710-04-1	29.90
3/4 NPTF Side	MBF5610-06-1	34.5	MBF5710-06-1	29.90
1/2 NPTF Bottom	MBF5611-04-1	34.5	MBF5711-04-1	29.90

\*Includes base w/terminal block & pre-connected wire insert.

### End Plate Kits\*

Description Manifold End Plate Ass'y	Plug-In Model	List Price	Non Plug-In Model	List Price
3/4 P, EA, EB (1 1/4" Conduit Entry)	MEF563LR-06-1	51.15	MEF573LR-06-1	43.15

\*Includes left and right endplates, hardware.

### Manifold Conduit Covers (Plug-in Type Only)

Part Number	Description	List Price
VVFS5000-4A-"XX"	One-Piece Conduit Gallery Cover	11.00 (2) + 2.80 Add'l.

(XX=No. of Stations)

### Additional Manifold Hardware

Part Number	Req'd/Sta.	Description	List Price
AS568-013	2	Manifold seal O-ring	0.60
AS568-022	2	Manifold seal O-ring	0.80
AS568-026	1	Manifold seal O-ring	1.00
AXT628-6-2A	2	Manifold clamp/joint set	1.40

### Exhaust Cleaner

Manifold Suffix	Individual End Plate	Individual Exhaust Adapter
-CD	NVFS5000-3A-2- $\frac{1}{2}$	NAXT628-18A
-CD	NVFS5000-2A-2- $\frac{1}{2}$	
	<b>List Price</b>	<b>List Price</b>
	32.50	31.00

### Subplate Assemblies

"xx"	Description	Plug-In Model*	List Price	Non Plug-In Model	List Price
-03T	3/8 NPTF Side	SPF0481-03-D	26.45	SPF0471-03	20.10
-04T	1/2 NPTF Side	SPF0481-04-D	26.45	SPF0471-04	20.10
-06T	3/4 NPTF Side	SPF0481-06-D	26.45	SPF0471-06	20.10
-B03T	3/8 NPTF Bottom	SPF0482-03-D	26.45	SPF0472-03	20.10
-B04T	1/2 NPTF Bottom	SPF0482-04-D	26.45	SPF0472-04	20.10
-B06T	3/4 NPTF Bottom	SPF0482-06-D	26.45	SPF0472-06	20.10

\*Std. W/Terminal.

### Series NVH Replacement Parts

Model	Handle/Bar Chrome Plated	List Price	Knob	List Price
NVH200	240710	2.45	240311	3.05
NVH300	240310	2.45	240311	3.05
NVH400	240210	2.45	240211	3.05