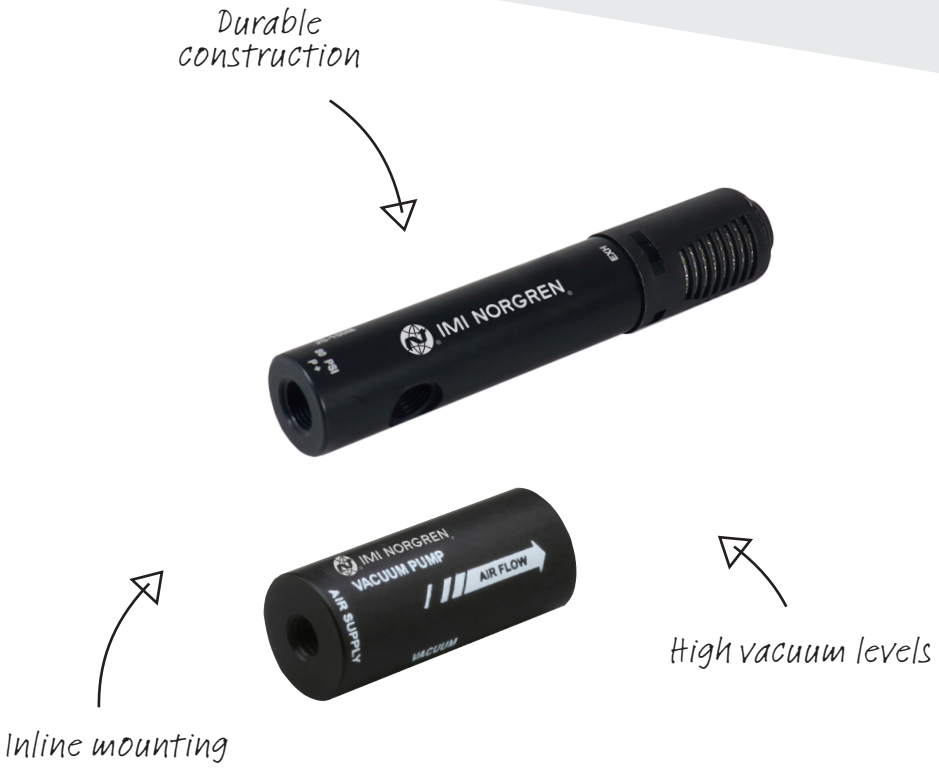
CYLINDRICAL VENTURI VACUUM GENERATORS

The NJ-Series Venturi Vacuum Generators utilize a fixed cartridge venturi design and features a cylindrical design for ease of installation and mounting into in-line pneumatic plumbing.



Fast Find Guide

Please note: These products represent only part of the IMI Precision Engineering vacuum range. If you can't see the option you require please contact us.

Cylindrical Venturi Vacuum Generators

NJ
Cylindrical Series - Vacuum level up to 28"Hg, flow up to 28.00 SCFM, robust design

Page 103

NVPI
Cylindrical In-line Series - Vacuum level up to 24"Hg

Page 117

NMPVG
Mini Cylindrical In-line Series - Vacuum level up to 27"Hg

Page 119

NJ MIN SERIES

- Durable – rugged aluminum body construction
- Strong hold – powerful vacuum up to 27”Hg [914mbar]
- Fast response – mounts in-line, close to vacuum point - no dely due to long plumbing lines
- Efficient – minimal air consumption, provides instantaneous vacuum as needed
- Safe operation – no electricity needed
- Reliable operation – straight-through design with no moving parts

Technical Data

Fluid
Filtered (50 Micron) unlubricated, non-corrosive dry gasses
Operating Pressure
80 PSI (5.5 bar) Standard or 60 PSI (4.1 bar)
Operating Temperature
-100° to 400° F (-73° to ~204°C)

Materials
Generator Body: Anodized Aluminum
Silencer Body: Brass
Supply / Vacuum Line
Min. 5/32" OD (4mm), 1/4" OD (6mm) tube preferred for lines exceeding 3' (1M)

Standard Models

Part Number	Max. Vacuum Level	Max. Vacuum Flow	Air Consumption	Accessories	Material
NJS-40UM-S32M01	27" Hg	0.23 SCFM	0.52 SCFM	NVCF2-1032M Silencer	Aluminum

Option selector

NJS★-40★★-S★★M★★

Series	Substitute
NJS Imperial Thread 27"Hg [914mbar]	**NJS**
NJSM Metric Thread 27"Hg [914mbar]	**NJSM**

Vacuum Flow Level	Substitute
Venturi Cartridge 40 @ 80 PSI (Standard)	**40UM**
Venturi Cartridge 40 @ 60 PSI	**4XUM**

Materials	Substitute
Aluminum (Standard)	**M01**
303 Stainless Steel	**M05**
304 Stainless Steel	**M06**
316 Stainless Steel	**M07**
PVC	**M09**
Delrin (Black)	**M10**
Delrin (White)	**M11**
PEEK	**M14**

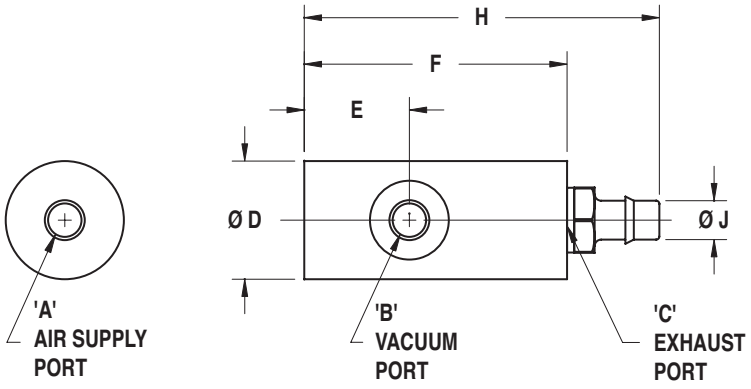
Silencers	Substitute
None (Standard)	**S00**
NVCF2-1032M	**S32**

Accessories

Standard Models	Inline Fitting	Swivel Elbow Fitting	Vacuum Fitting	Flat Cup	Spring Leveler
NJS-40UM-S32M01	124250410	124470410	NVCF13-1032M	NFG*******	NVSL1-*
NJS-40UM-S32M05	124250410	124470410	NVCF13-1032M	NFG*******	NVSL1-*

NJ MIN SERIES

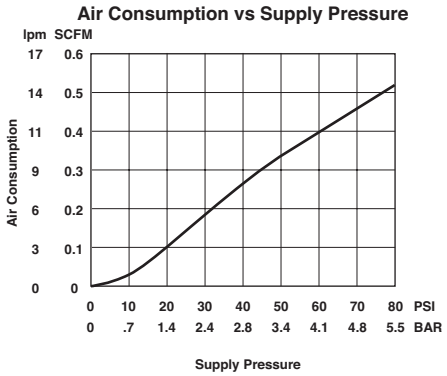
Dimensions inches (mm)

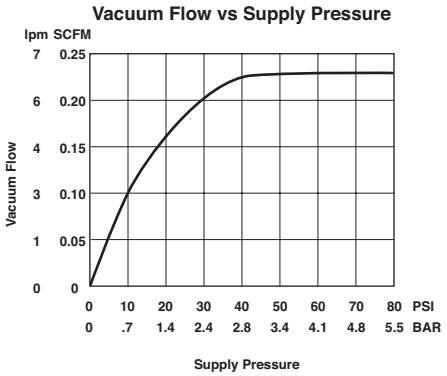


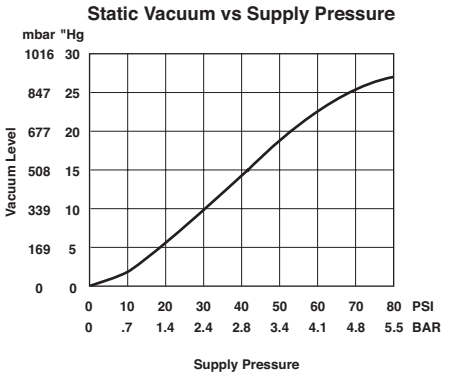
Model	Units	A	B	C	D	E	F	H	J
NJS-40UM-S00M01	Imperial	10-32F	10-32F	10-32F	0.56	0.45	1.45	N/A	N/A
NJS-40UM-S32M01	Imperial	10-32F	10-32F	10-32F	0.56	0.45	1.45	1.90	0.19
NJSM-40UM-S00M01	(Metric)	(M5)	(M5)	(M5)	(14.30)	(11.40)	(36.80)	-	-
NJSM-40UM-S32M01	(Metric)	(M5	(M5)	(M5)	(14.30)	(11.40)	(36.80)	(48.30)	(4.70)

Performance Data

Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	10"Hg (339)	12"Hg (406)	15"Hg (508)	18"Hg (609)	20"Hg (677)	21"Hg (711)	24"Hg (813)	27"Hg (914)
NJS-40UM	0.52 (14.70)	Vacuum Flow SCFM (L/min)	0.23 (6.50)	0.20 (5.70)	0.17 (4.80)	0.15 (4.20)	- (-)	0.13 (3.70)	0.10 (2.80)	0.08 (2.30)	- (-)	0.05 (1.40)	0.03 (0.80)	0 (0)
		Evacuation time (seconds)	0 (0)	24.80 (0.90)	54.40 (1.90)	89.50 (3.20)	- (-)	130.30 (4.60)	178.30 (6.30)	240.40 (8.50)	- (-)	334.50 (11.80)	516.70 (18.20)	1028 (36.30)







Warnings

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

NJ MIN SERIES

- Durable – rugged aluminum body construction
- Strong hold – powerful vacuum up to 28"Hg [948mbar]
- Fast response – mounts in-line, close to vacuum point - no dely due to long plumbing lines
- Efficient – minimal air consumption, provides instantaneous vacuum as needed
- Safe operation – no electricity needed
- Reliable operation – straight-through design with no moving parts

Technical Data

Fluid
Filtered (50 Micron) unlubricated, non-corrosive dry gasses

Operating Pressure
80 PSI (5.5 bar) Standard or
60 PSI (4.1 bar)

Operating Temperature
-100° to 400°F (-73° to ~204°C), without silencer

Materials
Generator Body: Anodized Aluminum
Silencer Body : Varies by Size

Supply Line / Vacuum Line
1/4" OD (10mm) for sizes 60M and 90M
3/8" OD (6mm) for sizes 100M and 150M

Performance Level Designations
"NJF" 0-10"Hg [0 to 339mbar] for low vacuum/high flow applications
"NJD" 0-20"Hg [0 to 677mbar] for medium vacuum/high flow applications
"NJS" 0-28"Hg [0 to 948mbar] for high vacuum/standard flow applications

Standard Models

Part Number	Max. Vacuum Level	Max. Vacuum Flow	Air Consumption	Accessories	Material
NJF-90M-S05M01	10"Hg	1.30 SCFM	0.50 SCFM	NST4 Silencer	Aluminum
NJF-100M-S05M01	10"Hg	2.10 SCFM	1.40 SCFM	NST4 Silencer	Aluminum
NJF-150M-S05M01	10"Hg	3.50 SCFM	1.80 SCFM	NST4 Silencer	Aluminum
NJS-90M-S05M01	28"Hg	1.20 SCFM	1.80 SCFM	NST4 Silencer	Aluminum
NJS-100M-S05M01	28"Hg	2.00 SCFM	2.80 SCFM	NST4 Silencer	Aluminum
NJS-150M-S05M01	28"Hg	3.20 SCFM	4.80 SCFM	NST4 Silencer	Aluminum

Option selector

NJ★★-★★★★-S★★M★★

Series	Substitute
NJF Imperial Thread 10"Hg [339mbar]	**NJF**
NJD Imperial Thread 20"Hg [677mbar]	**NJD**
NJS Imperial Thread 28"Hg [948mbar]	**NJS**
NJFM Metric Thread 10"Hg [339mbar]	**NJFM**
NJDM Metric Thread 20"Hg [677mbar]	**NJDM**
NJSM Metric Thread 28"Hg [948mbar]	**NJSM**

Vacuum Flow Level	Substitute
Venturi Cartridge 60M @ 80 PSI (Standard)	**60M**
Venturi Cartridge 90M @ 80 PSI (Standard)	**90M**
Venturi Cartridge 100M @ 80 PSI (Standard)	**100M**
Venturi Cartridge 150M @ 80 PSI (Standard)	**150M**
Venturi Cartridge 60M @ 60 PSI	**6XM**
Venturi Cartridge 90M @ 60 PSI	**9XM**
Venturi Cartridge 100M @ 60 PSI	**10XM**
Venturi Cartridge 150M @ 60 PSI	**15XM**

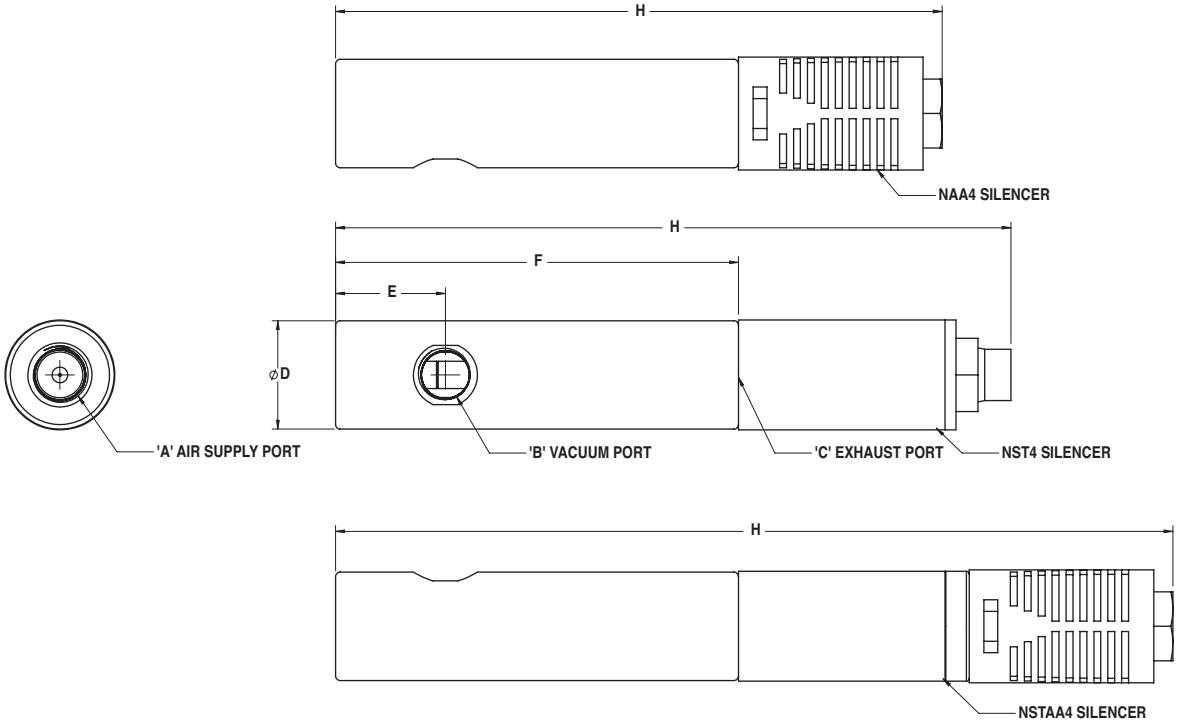
Materials	Substitute
Aluminum (Standard)	**M01**
303 Stainless Steel	**M05**
304 Stainless Steel	**M06**
316 Stainless Steel	**M07**
PVC	**M09**
Delrin (Black)	**M10**
Delrin (White)	**M11**
Teflon	**M12**
PEEK	**M14**

Silencers	Substitute
None (Standard)	**S00**
NAA4 (62dB)	**S02**
NST4 (68dB)	**S05**
NSTAA4 (58dB)	**S12**

Accessories

Standard Models	Inline Fitting	Swivel Elbow Fitting	Vacuum Fitting	Bellows Cup	Spring Leveler
					
NJF-90M-S05M01	124250418	124470418	NVCF13-18M	NBG*******	NVSL2-***
NJF-100M-S05M01	124250618	124470618	NVCF13-18M	NBG*******	NVSL2-***
NJF-150M-S05M01	124250618	124470618	NVCF13-18M	NBG*******	NVSL2-***
NJS-90M-S05M01	124250418	124470418	NVCF13-18M	NBG*******	NVSL2-***
NJS-100M-S05M01	124250618	124470618	NVCF13-18M	NBG*******	NVSL2-***
NJS-150M-S05M01	124250618	124470618	NVCF13-18M	NBG*******	NVSL2-***

Dimensions inches (mm)

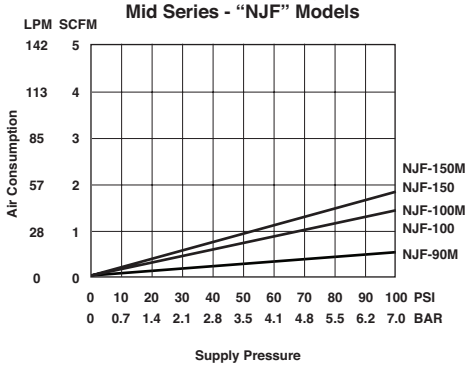


Model	Units	A	B	C	D	E	F	H
NJ*-**-S00M01**	Imperial	1/8 NPTF	1/8 NPTF	1/4 NPTF	0.75	0.75	2.75	-
NJ*-**-S02M01**	Imperial	1/8 NPTF	1/8 NPTF	1/4 NPTF	0.75	0.75	2.75	4.20
NJ*-**-S05M01**	Imperial	1/8 NPTF	1/8 NPTF	1/4 NPTF	0.75	0.75	2.75	4.61
NJ*-**-S12M01**	Imperial	1/8 NPTF	1/8 NPTF	1/4 NPTF	0.75	0.75	2.75	5.72
NJ*M-**-S00M01**	(Metric)	(G 1/8)	(G 1/8)	(G 1/4)	(19.10)	(19.10)	(69.60)	-
NJ*M-**-S02M01**	(Metric)	(G 1/8)	(G 1/8)	(G 1/4)	(19.10)	(19.10)	(69.60)	(105.20)
NJ*M-**-S05M01**	(Metric)	(G 1/8)	(G 1/8)	(G 1/4)	(19.10)	(19.10)	(69.60)	(117.10)
NJ*M-**-S12M01**	(Metric)	(G 1/8)	(G 1/8)	(G 1/4)	(19.10)	(19.10)	(69.60)	(145.30)

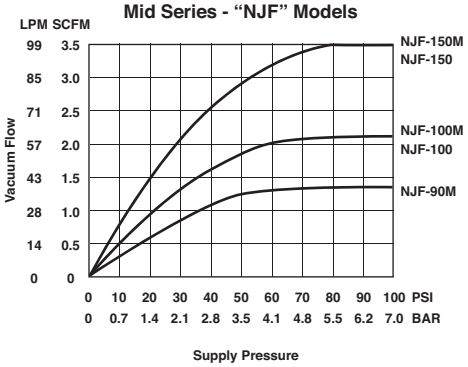
Performance Data

Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	10"Hg (339)
NJF-90	0.50 (14.20)	Vacuum Flow SCFM (L/min)	1.30 (36.8)	1.10 (31.1)	0.70 (19.8)	0.20 (5.7)	0 (0)
		Evacuation time (seconds)	0 (0)	3.26 (0.10)	7.93 (0.30)	18.65 (0.70)	39.63 (1.40)
NJF-100M NJF-100	1.40 (39.60)	Vacuum Flow SCFM (L/min)	2.10 (59.50)	1.60 (45.30)	1.10 (31.10)	0.50 (14.20)	0 (0)
		Evacuation time (seconds)	0 (0)	2.33 (0.1)	4.66 (0.20)	10.88 (0.40)	24.09 (0.9)
NJF-150M NJF-150	1.80 (51)	Vacuum Flow SCFM (L/min)	3.50 (99.10)	2.50 (70.80)	1.90 (53.80)	0.70 (19.80)	0 (0)
		Evacuation time (seconds)	0 (0)	2.05 (0.10)	4.62 (0.20)	11.80 (0.40)	22.80 (0.80)

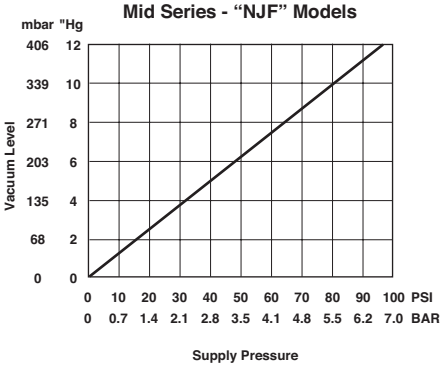
Air Consumption vs Supply Pressure Mid Series - "NJF" Models



Vacuum Flow vs Supply Pressure Mid Series - "NJF" Models

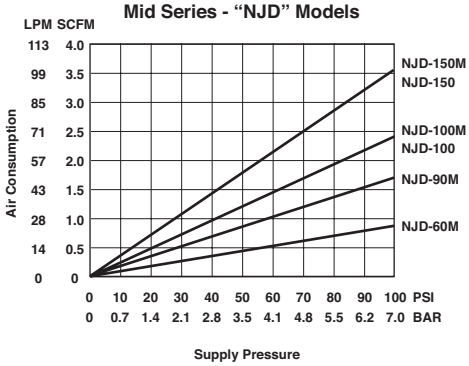


Static Vacuum vs Supply Pressure Mid Series - "NJF" Models

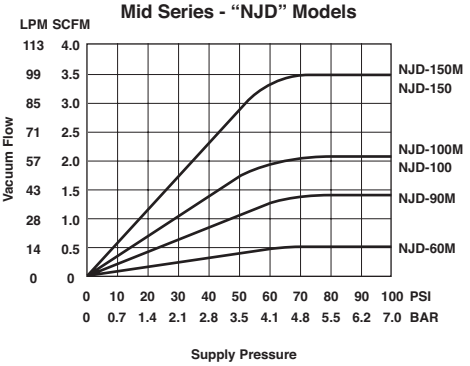


Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	12"Hg (406)	15"Hg (508)	18"Hg (609)	20"Hg (677)
NJD-60M	0.50 (14.20)	Vacuum Flow SCFM (L/min)	0.50 (14.20)	0.40 (11.30)	0.30 (8.50)	0.22 (6.20)	0.15 (4.20)	0.08 (2.30)	0.03 (0.80)	0 (0)
		Evacuation time (seconds)	0 (0)	12.50 (0.40)	25.10 (0.90)	43.90 (1.60)	68.60 (2.40)	99.30 (3.50)	153.70 (5.40)	227 (8)
NJD-90M	1.40 (39.60)	Vacuum Flow SCFM (L/min)	1.40 (39.60)	1.25 (35.40)	1.20 (34)	1.05 (29.70)	0.85 (24.10)	0.65 (18.40)	0.25 (7.10)	0 (0)
		Evacuation time (seconds)	0 (0)	3.75 (0.10)	7.20 (0.30)	12.40 (0.40)	19.10 (0.70)	29.90 (1.10)	52 (1.80)	104 (3.70)
NJD-100M NJD-100	1.80 (51)	Vacuum Flow SCFM (L/min)	2.10 (59.50)	2 (56.60)	1.85 (52.40)	1.75 (49.60)	1.60 (45.30)	1.25 (35.40)	0.80 (22.70)	0 (0)
		Evacuation time (seconds)	0 (0)	2.65 (0.10)	5.80 (0.20)	9.90 (0.30)	16.20 (0.60)	22.90 (0.80)	36.20 (1.30)	56.60 (2)
NJD-150M NJD-150	2.80 (79.30)	Vacuum Flow SCFM (L/min)	3.50 (99.10)	3.20 (90.60)	2.95 (83.50)	2.75 (77.90)	2.50 (70.80)	1.80 (51)	0.95 (26.90)	0 (0)
		Evacuation time (seconds)	0 (0)	1.35 (0)	3.20 (0.10)	5.20 (0.20)	7.70 (0.30)	11.80 (0.40)	23.40 (0.80)	52 (1.80)

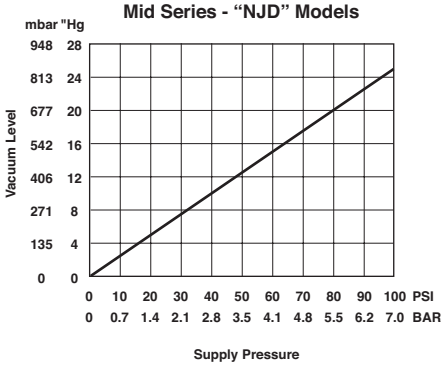
Air Consumption vs Supply Pressure Mid Series - "NJD" Models



Vacuum Flow vs Supply Pressure Mid Series - "NJD" Models



Static Vacuum vs Supply Pressure Mid Series - "NJD" Models

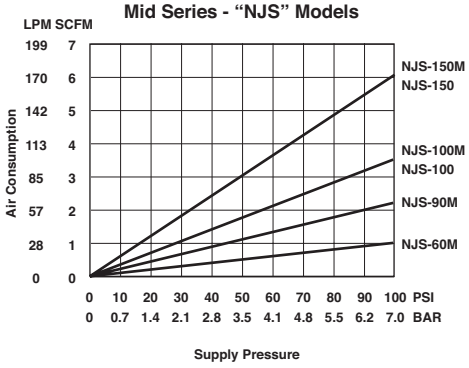


Performance Data

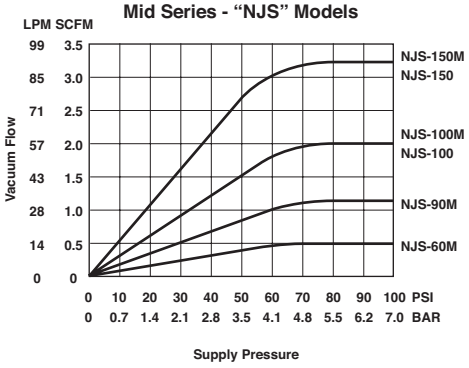
Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	10"Hg (339)	12"Hg (406)	15"Hg (508)	18"Hg (609)	20"Hg (677)	21"Hg (711)	24"Hg (813)	27"Hg (914)	28"Hg (948)
NJS-60M	0.80 (22.70)	Vacuum Flow SCFM (L/min)	0.50 (14.20)	0.38 (10.80)	0.32 (9.10)	0.30 (8.50)	- (-)	0.27 (7.60)	0.23 (6.50)	0.20 (5.70)	- (-)	0.13 (3.70)	0.05 (1.40)	0.02 (0.60)	0 (0)
		Evacuation time (seconds)	0 (0)	15 (0.50)	29.80 (1.10)	50.60 (1.80)	- (-)	74.50 (2.60)	102.80 (3.60)	135.90 (4.80)	- (-)	183.20 (6.50)	245.90 (8.70)	410.20 (14.50)	790.80 (27.90)
NJS-900M	1.80 (51)	Vacuum Flow SCFM (L/min)	1.20 (34)	1 (28.30)	0.95 (26.90)	0.90 (25.50)	- (-)	0.85 (24.10)	0.75 (21.20)	0.70 (19.80)	- (-)	0.52 (14.70)	0.47 (13.30)	0.20 (5.70)	0 (0)
		Evacuation time (seconds)	0 (0)	6.50 (0.20)	12.30 (0.40)	18.90 (0.70)	- (-)	32.50 (1.10)	47 (1.70)	65.40 (2.30)	- (-)	92.20 (3.30)	130 (4.60)	222.20 (7.80)	281.30 (9.90)
NJS-100M NJS-100	2.80 (79.30)	Vacuum Flow SCFM (L/min)	2.00 (56.60)	1.85 (52.40)	1.75 (49.60)	1.57 (44.50)	- (-)	1.40 (39.60)	1.25 (35.40)	1.05 (29.70)	- (-)	0.84 (23.80)	0.70 (19.80)	0.35 (9.90)	0 (0)
		Evacuation time (seconds)	0 (0)	2.70 (0.10)	6.50 (0.20)	11.20 (0.40)	- (-)	17.50 (0.60)	25.80 (0.90)	38.40 (1.40)	- (-)	55.20 (1.90)	79.20 (2.80)	166.70 (5.90)	251.80 (8.90)
NJS-150M NJS-150	4.80 (135.90)	Vacuum Flow SCFM (L/min)	3.20 (90.60)	2.80 (79.30)	2.50 (70.80)	2.30 (65.10)	- (-)	2 (56.60)	1.60 (45.30)	1.40 (39.60)	- (-)	1.20 (34)	0.80 (22.70)	0.50 (14.20)	0 (0)
		Evacuation time (seconds)	0 (0)	2.30 (0.10)	3.80 (0.10)	6.50 (0.20)	- (-)	10.20 (0.40)	14.20 (0.50)	21.30 (0.80)	- (-)	44.9 (1.60)	55 (1.90)	81 (2.90)	125 (4.40)

Evacuation time in seconds based on 1 cubic foot volume / "Hg (1 Liter Volume / mbar)

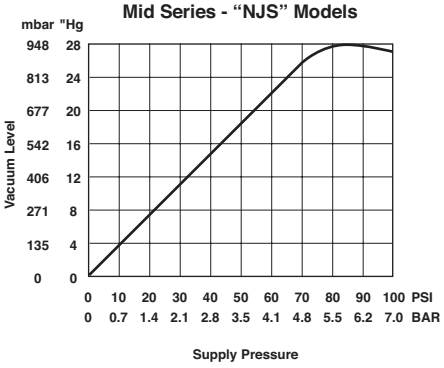
Air Consumption vs Supply Pressure Mid Series - "NJS" Models



Vacuum Flow vs Supply Pressure Mid Series - "NJS" Models



Static Vacuum vs Supply Pressure Mid Series - "NJS" Models



Warnings

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

NJ MID SERIES

- Durable – rugged aluminum body construction
- Strong hold – powerful vacuum up to 28”Hg [948mbar]
- Fast response – mounts in-line, close to vacuum point - no dely due to long plumbing lines
- Efficient – minimal air consumption, provides instantaneous vacuum as needed
- Safe operation – no electricity needed
- Reliable operation – straight-through design with no moving parts

Technical Data

Fluid
Filtered (50 Micron) unlubricated, non-corrosive dry gasses
Operating Pressure
80 PSI (5.5 bar) Standard
or 60 PSI (4.1 bar)
Operating Temperature
-100° to 400°F (-73° to ~204°C) without silencer
Materials
Generator Body: Anodized Aluminum
Silencer Body : Varies by Size
Supply Line / Vacuum Line
3/8" OD (10mm) for sizes 100-200
1/2" OD (12mm) for size 250

Performance Level Designations
“NJF” 0-10”Hg [0 to 339mbar] for low vacuum/high flow applications
“NJD” 0-20”Hg [0 to 677mbar] for medium vacuum/high flow applications
“NJS” 0-28”Hg [0 to 948mbar] for high vacuum/standard flow applications

Standard Models

Part Number	Max. Vacuum Level	Max. Vacuum Flow	Air Consumption	Accessories	Material
NJF-200-S08M01	10"Hg	6.00 SCFM	2.80 SCFM	NST6A Silencer	Aluminum
NJF-250-S09M01	10"Hg	9.50 SCFM	4.80 SCFM	NST6B Silencer	Aluminum
NJS-200-S08M01	28"Hg	5.40 SCFM	7.80 SCFM	NST6A Silencer	Aluminum
NJS-250-S09M01	28"Hg	9.00 SCFM	12.50 SCFM	NST6B Silencer	Aluminum

Option selector

NJ★★-★★★-S★★M★★

Series	Substitute
NJF Imperial Thread 10"Hg [339mbar]	**NJF**
NJD Imperial Thread 20"Hg [677mbar]	**NJD**
NJS Imperial Thread 28"Hg [948mbar]	**NJS**
NJFM Metric Thread 10"Hg [339mbar]	**NJFM**
NJDM Metric Thread 20"Hg [677mbar]	**NJDM**
NJSM Metric Thread 28"Hg [948mbar]	**NJSM**

Vacuum Flow Level	Substitute
Venturi Cartridge 100 @ 80 PSI (Standard)	**100**
Venturi Cartridge 150 @ 80 PSI (Standard)	**150**
Venturi Cartridge 200 @ 80 PSI (Standard)	**200**
Venturi Cartridge 250 @ 80 PSI (Standard)	**250**
Venturi Cartridge 100 @ 60 PSI	**10X**
Venturi Cartridge 150 @ 60 PSI	**15X**
Venturi Cartridge 200 @ 60 PSI	**20X**
Venturi Cartridge 250 @ 60 PSI	**25X**

Materials	Substitute
Aluminum (Standard)	**M01**
303 Stainless Steel	**M05**
304 Stainless Steel	**M06**
316 Stainless Steel	**M07**
PVC	**M09**
Delrin (Black)	**M10**
Delrin (White)	**M11**
Teflon	**M12**
PEEK	**M14**

Silencers	Substitute
None	**S00**
NAA6 (70dB)	**S03**
NST6A (72dB)	**S08**
NST6B (72dB)	**S09**
NSTAA6 (64dB)	**S13**
NFA-51-.375 (72dB)	**S26**

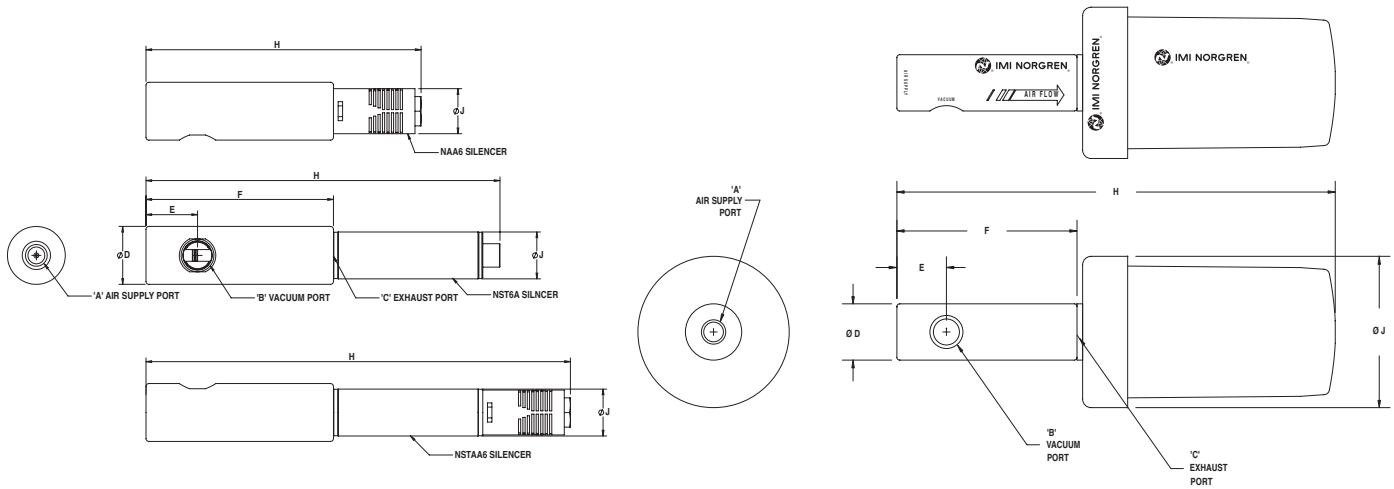
NJ MID SERIES

Accessories

Standard Models	Inline Fitting	Swivel Elbow Fitting	Vacuum Fitting	Bellows Cup
				
NJF-200-S08M01	124250628	124470628	NVCF5-38M	NSM045****
NJF-250-S09M01	124250728	124470728	NVCF5-38M	NSM045****
NJS-200-S08M01	124250628	124470628	NVCF5-38M	NSM045****
NJS-250-S09M01	124250728	124470728	NVCF5-38M	NSM045****

*Proper selection of vacuum cups depends on the application. Cups are available in various durometers, colors and materials. If you do not see what you are looking for, please consult factory
*The fittings, cups, and spring levelers listed are a small selection of possible options please refer to the specific catalog section

Dimensions inches (mm)



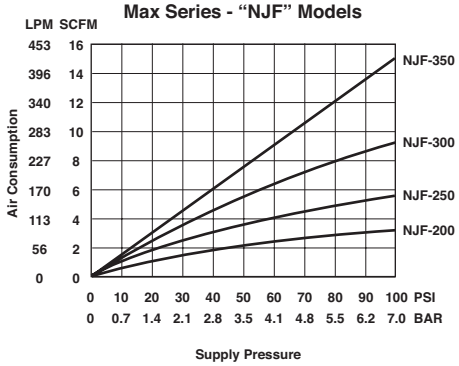
Model	Units	A	B	C	D	E	F	H	J
NJ*-**-S00M01**	Imperial	1/4 NPTF	3/8 NPTF	3/8 NPTF	1.25	1.10	4.00	-	-
NJ*-**-S03M01**	Imperial	1/4 NPTF	3/8 NPTF	3/8 NPTF	1.25	1.10	4.00	5.87	0.96
NJ*-**-S08M01**	Imperial	1/4 NPTF	3/8 NPTF	3/8 NPTF	1.25	1.10	4.00	7.55	1.00
NJ*-**-S13M01**	Imperial	1/4 NPTF	3/8 NPTF	3/8 NPTF	1.25	1.10	4.00	9.06	1.00
NJ*-**-S26M01**	Imperial	1/4 NPTF	3/8 NPTF	3/8 NPTF	1.25	1.10	4.00	9.74	3.36
NJ*M-**-S00M01**	(Metric)	(G 1/4)	(G 3/8)	(G 3/8)	(31.80)	(27.90)	(101.60)	-	-
NJ*M-**-S03M01**	(Metric)	(G 1/4)	(G 3/8)	(G 3/8)	(31.80)	(27.90)	(101.60)	(149.10)	(24.40)
NJ*M-**-S08M01**	(Metric)	(G 1/4)	(G 3/8)	(G 3/8)	(31.80)	(27.90)	(101.60)	(191.80)	(25.40)
NJ*M-**-S13M01**	(Metric)	(G 1/4)	(G 3/8)	(G 3/8)	(31.80)	(27.90)	(101.60)	(230.00)	(25.40)
NJ*M-**-S26M01**	(Metric)	(G 1/4)	(G 3/8)	(G 3/8)	(31.80)	(27.90)	(101.60)	(247.30)	(85.30)

Performance Data

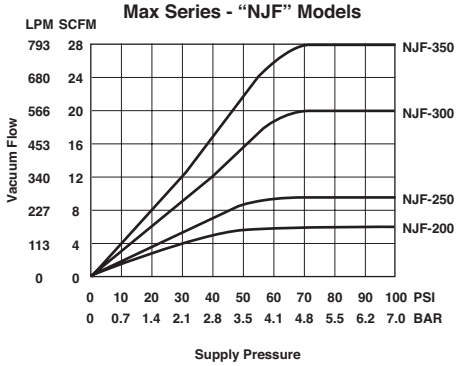
Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	10"Hg (339)
NJF-200	2.80 (79.30)	Vacuum Flow SCFM (L/min)	6.00 (169.9)	5.80 (164.20)	4.30 (121.80)	1.70 (48.10)	0 (0)
		Evacuation time (seconds)	0 (0)	0.77 (0)	2.05 (0.10)	4.62 (0.20)	13.34 (0.50)
NJF-250	4.80 (135.90)	Vacuum Flow SCFM (L/min)	9.50 (269)	7.90 (223.70)	5.70 (161.40)	2.20 (62.30)	0 (0)
		Evacuation time (seconds)	0 (0)	0.52 (0)	1.28 (0)	3.08 (0.10)	7.95 (0.30)
NJF-300	7.8 (220.90)	Vacuum Flow SCFM (L/min)	20.00 (566.30)	14.00 (369.40)	9.50 (269)	3.50 (99.10)	0 (0)
		Evacuation time (seconds)	0 (0)	0.26 (0)	0.77 (0)	1.80 (0.10)	4.10 (0.10)
NJF-350	12.50 (354)	Vacuum Flow SCFM (L/min)	28.00 (792.90)	18.00 (509.70)	12.30 (348.30)	4.50 (127.40)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0.52 (0)	1.28 (0)	2.82 (0.10)

Evacuation time in seconds based on 1 cubic foot volume / "Hg (1 Liter Volume / mbar)

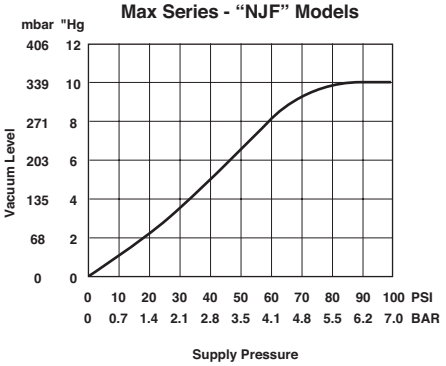
Air Consumption vs Supply Pressure
Max Series - "NJF" Models



Vacuum Flow vs Supply Pressure
Max Series - "NJF" Models



Static Vacuum vs Supply Pressure
Max Series - "NJF" Models

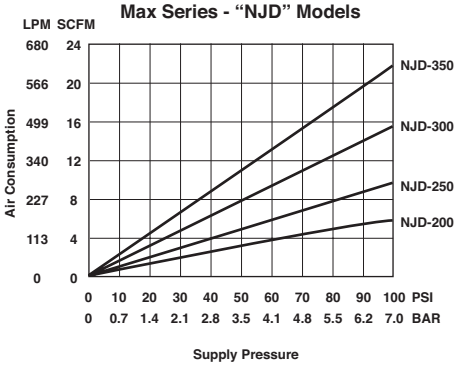


Performance Data

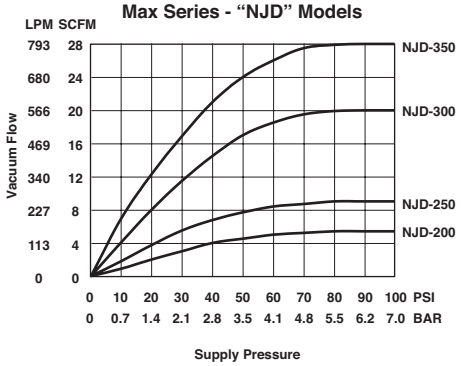
Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	12"Hg (406)	15"Hg (508)	18"Hg (609)	20"Hg (677)
NJD-200	4.80 (135.90)	Vacuum Flow SCFM (L/min)	6.00 (169.9)	5.30 (150.10)	4.90 (138.80)	4.00 (113.30)	3.50 (99.10)	2.50 (70.80)	1.10 (31.10)	0 (0)
		Evacuation time (seconds)	0 (0)	0.75 (0)	1.90 (0.10)	3.20 (0.10)	5.30 (0.20)	8.70 (0.30)	17.10 (0.60)	42.60 (1.50)
NJD-250	7.80 (220.90)	Vacuum Flow SCFM (L/min)	9.50 (269)	9.20 (260.50)	8.30 (235)	7.00 (198.20)	4.70 (133.10)	3.40 (96.30)	2.20 (62.30)	0 (0)
		Evacuation time (seconds)	0 (0)	0.45 (0)	1.10 (0)	2.40 (0.10)	3.80 (0.10)	6.00 (0.20)	9.70 (0.30)	15.40 (0.50)
NJD-300	12.50 (354)	Vacuum Flow SCFM (L/min)	20.00 (566.30)	19.00 (538)	16.30 (461.60)	13.80 (390.80)	8.10 (229.40)	5.50 (155.70)	3.30 (93.40)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0 (0)	1.10 (0)	1.80 (0.10)	2.70 (0.10)	4.60 (0.20)	8.70 (0.30)
NJD-350	22.00 (623)	Vacuum Flow SCFM (L/min)	28.00 (792.90)	24.00 (679.60)	19.40 (549.30)	16.80 (475.70)	14.50 (410.60)	11.20 (317.10)	4.80 (135.90)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0 (0)	1.00 (0)	1.50 (0.10)	2.10 (0.10)	4.30 (0.2)	8.40 (0)

Evacuation time in seconds based on 1 cubic foot volume / "Hg (1 Liter Volume / mbar)

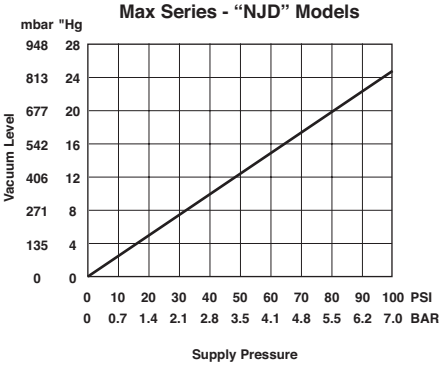
Air Consumption vs Supply Pressure
Max Series - "NJD" Models



Vacuum Flow vs Supply Pressure
Max Series - "NJD" Models



Static Vacuum vs Supply Pressure
Max Series - "NJD" Models

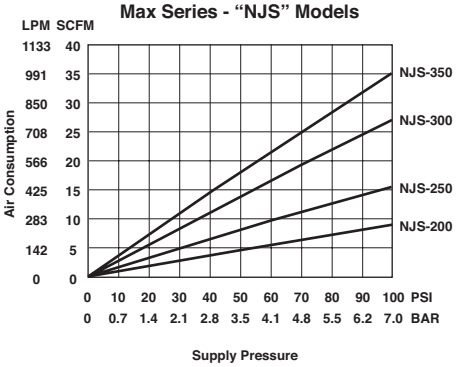


Performance Data

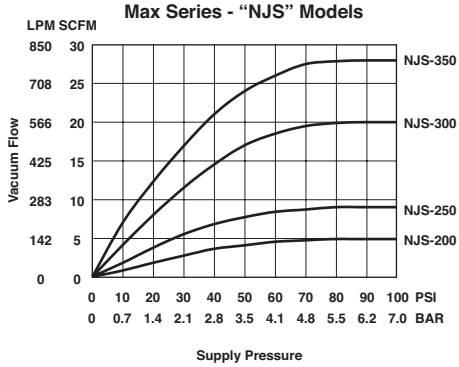
Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	10"Hg (339)	12"Hg (406)	15"Hg (508)	18"Hg (609)	20"Hg (677)	21"Hg (711)	24"Hg (813)	27"Hg (914)	28"Hg (948)
NJS-200	7.80 (220.90)	Vacuum Flow SCFM (L/min)	5.40 (152.90)	4.70 (133.10)	3.85 (109)	3.30 (93.40)	- (-)	3.00 (85)	2.60 (73.60)	2.10 (59.50)	- (-)	1.60 (45.30)	1.20 (34)	0.60 (17)	0 (0)
		Evacuation time (seconds)	0 (0)	1.20 (0)	2.10 (0.10)	3.40 (0.10)	- (-)	5.20 (0.20)	7.70 (0.30)	11.50 (0.40)	- (-)	20.00 (0.70)	33.50 (1.20)	62.60 (2.20)	98.10 (3.50)
NJS-250	12.50 (354)	Vacuum Flow SCFM (L/min)	9.00 (254.90)	8.50 (240.70)	7.85 (222.30)	7.00 (198.20)	- (-)	6.50 (184.10)	5.30 (150.10)	3.90 (110.40)	- (-)	2.50 (70.80)	1.80 (51)	0.90 (25.50)	0 (0)
		Evacuation time (seconds)	0 (0)	0.75 (0)	1.30 (0)	2.20 (0.10)	- (-)	3.50 (0.10)	5.60 (0.20)	9.10 (0.30)	- (-)	17.40 (0.60)	30.10 (1.10)	56.00 (2)	76.00 (2.70)
NJS-300	22.00 (623)	Vacuum Flow SCFM (L/min)	20.00 (566.30)	17.00 (481.40)	14.00 (396.40)	12.70 (359.60)	- (-)	12.00 (339.80)	10.00 (238.20)	7.40 (209.50)	- (-)	4.90 (138.80)	2.70 (76.50)	1.30 (36.80)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0.80 (0)	1.20 (0)	- (-)	2.00 (0.10)	2.80 (0.10)	3.90 (0.10)	- (-)	5.90 (0.20)	11.10 (0.40)	32.70 (1.20)	60.00 (2.10)
NJS-350	28.00 (792.90)	Vacuum Flow SCFM (L/min)	28.00 (792.9)	22.00 (623)	18.70 (529.50)	15.90 (450.20)	- (-)	14.50 (410.60)	11.80 (334.10)	8.10 (229.40)	- (-)	5.70 (161.40)	4.50 (127.40)	2.25 (63.70)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0 (0)	1.20 (0)	- (-)	1.90 (0.10)	2.30 (0.10)	3.40 (0.10)	- (-)	5.30 (0.20)	8.80 (0.30)	26.00 (0.90)	44.00 (1.60)

Evacuation time in seconds based on 1 cubic foot volume / "Hg (1 Liter Volume / mbar)

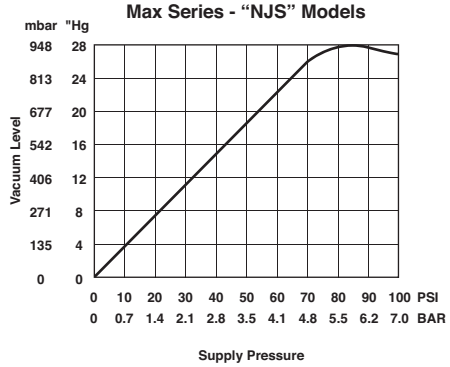
Air Consumption vs Supply Pressure
Max Series - "NJS" Models



Vacuum Flow vs Supply Pressure
Max Series - "NJS" Models



Static Vacuum vs Supply Pressure
Max Series - "NJS" Models



Warnings

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

NJ MAX SERIES

- Durable – rugged aluminum body construction
- Strong hold – powerful vacuum up to 28"Hg [948mbar]
- Fast response – mounts in-line, close to vacuum point - no dely due to long plumbing lines
- Efficient – minimal air consumption, provides instantaneous vacuum as needed
- Safe operation – no electricity needed
- Reliable operation – straight-through design with no moving parts

Technical Data

Fluid
Filtered (50 Micron) unlubricated, non-corrosive dry gasses
Operating Pressure
80 PSI (5.5 bar) Standard or 60 PSI (4.1 bar)
Operating Temperature
-100° to 400°F (-73° to ~204°C) without silencer
Materials
Generator Body: Anodized Aluminum
Silencer Body : Varies by Size
Supply Line
1/2" OD (12mm)
Vacuum Line
1/2" OD (12mm) preferred - 3/4" OD (19mm) for lines exceeding 3' (1mm)
Performance Level Designations
"NJF" 0-10"Hg [0 to 339mbar] for low vacuum/high flow applications
"NJD" 0-20"Hg [0 to 677mbar] for medium vacuum/high flow applications
"NJS" 0-28"Hg [0 to 948mbar] for high vacuum/standard flow applications

Standard Models

Part Number	Max. Vacuum Level	Max. Vacuum Flow	Air Consumption	Accessories	Material
NJF-300-S09M01	10"Hg	20.00 SCFM	7.80 SCFM	NST6B Silencer	Aluminum
NJF-350-S11M01	10"Hg	28.00 SCFM	12.50 SCFM	NST8B Silencer	Aluminum
NJS-300-S09M01	28"Hg	20.00 SCFM	22.00 SCFM	NST6B Silencer	Aluminum
NJS-350-S11M01	28"Hg	28.00 SCFM	28.00 SCFM	NST8B Silencer	Aluminum

Option selector

NJ★★-★★★-S★★M★★

Series	Substitute
NJF Imperial Thread 10"Hg [339mbar]	**NJF**
NJD Imperial Thread 20"Hg [677mbar]	**NJD**
NJS Imperial Thread 28"Hg [948mbar]	**NJS**
NJFM Metric Thread 10"Hg [339mbar]	**NJFM**
NJDM Metric Thread 20"Hg [677mbar]	**NJDM**
NJSM Metric Thread 28"Hg [948mbar]	**NJSM**

Vacuum Flow Level	Substitute
Venturi Cartridge 300 @ 80 PSI (Standard)	**300**
Venturi Cartridge 350 @ 80 PSI (Standard)	**350**
Venturi Cartridge 300 @ 60 PSI (Standard)	**30X**
Venturi Cartridge 350 @ 60 PSI (Standard)	**35X**

Materials	Substitute
Aluminum (Standard)	**M01**
303 Stainless Steel	**M05**
304 Stainless Steel	**M06**
316 Stainless Steel	**M07**
PVC	**M09**
Delrin (Black)	**M10**
Delrin (White)	**M11**
Teflon	**M12**
PEEK	**M14**

Silencers (For NJ*-300)	Substitute
None (Standard)	**S00**
NST6B (72dB)	**S09**
NFA-51-.375 (72dB)	**S26**

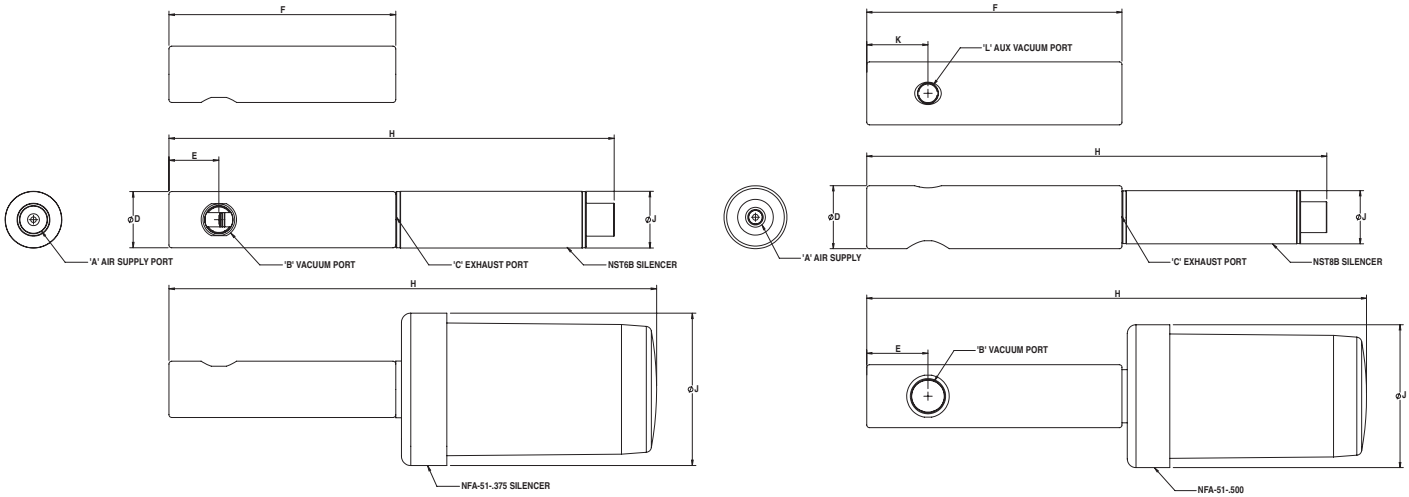
Silencers (For NJ*-350)	Substitute
None (Standard)	**S00**
NST8B (76dB)	**S11**
NFA-51-.500 (72dB)	**S27**

Accessories

Standard Models	Inline Fitting	Swivel Elbow Fitting	Vacuum Fitting	Bellows Cup
				
NJF-300-S09M01	124250738	124470738	NVCF5-38M	NSM045****
NJF-350-S11M01	124250748	124470738	-	-
NJS-300-S09M01	124250738	124470738	NVCF5-38M	NSM045****
NJS-350-S11M01	124250748	124470738	-	-

*Proper selection of vacuum cups depends on the application. Cups are available in various durometers, colors and materials. If you do not see what you are looking for, please consult factory
*The fittings, cups, and spring levelers listed are a small selection of possible options please refer to the specific catalog section

Dimensions inches (mm)



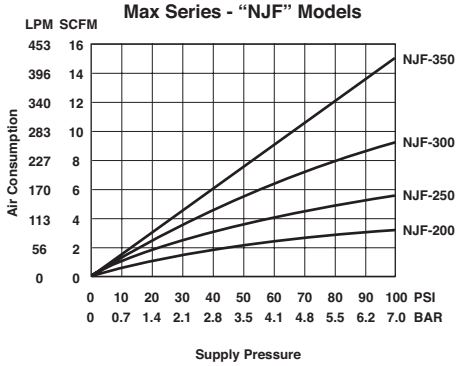
Model	Units	A	B	C	D	E	F	H	J	K	L
NJ*-300-S00M01	Imperial	3/8 NPTF	3/8 NPTF	3/8 NPTF	1.25	1.10	5.00	-	-	N/A	N/A
NJ*-300-S09M01	Imperial	3/8 NPTF	3/8 NPTF	3/8 NPTF	1.25	1.10	5.00	9.81	1.25	N/A	N/A
NJ*-300-S26M01	Imperial	3/8 NPTF	3/8 NPTF	3/8 NPTF	1.25	1.10	5.00	10.74	3.36	N/A	N/A
NJ*-350-S00M01	Imperial	1/2 NPTF	1/2 NPTF	1/2 NPTF	1.5	1.44	6.00	-	-	1.44	1/4 NPTF
NJ*-350-S11M01	Imperial	1/2 NPTF	1/2 NPTF	1/2 NPTF	1.5	1.44	6.00	10.82	1.25	1.44	1/4 NPTF
NJ*-350-S27M01	Imperial	1/2 NPTF	1/2 NPTF	1/2 NPTF	1.5	1.44	6.00	11.75	3.36	1.44	1/4 NPTF
NJ*M-300-S00M01	(Metric)	(G 3/8)	(G 3/8)	(G 3/8)	31.8	27.9	(127)	(-)	(-)	(N/A)	(N/A)
NJ*M-300-S09M01	(Metric)	(G 3/8)	(G 3/8)	(G 3/8)	31.8	27.9	(127)	(249.2)	(31.8)	(N/A)	(N/A)
NJ*M-300-S26M01	(Metric)	(G 3/8)	(G 3/8)	(G 3/8)	31.8	27.9	(127)	(272.7)	(85.3)	(N/A)	(N/A)
NJ*M-350-S00M01	(Metric)	(G 1/2)	(G 1/2)	(G 1/2)	(31.8)	(36.5)	(152.4)	(-)	(-)	(36.5)	(G 1/4)
NJ*M-350-S11M01	(Metric)	(G 1/2)	(G 1/2)	(G 1/2)	(31.8)	(36.5)	(152.4)	(247.7)	(31.8)	(36.5)	(G 1/4)
NJ*M-350-S27M01	(Metric)	(G 1/2)	(G 1/2)	(G 1/2)	(31.8)	(36.5)	(152.4)	(298.5)	(85.3)	(36.5)	(G 1/4)

Performance Data

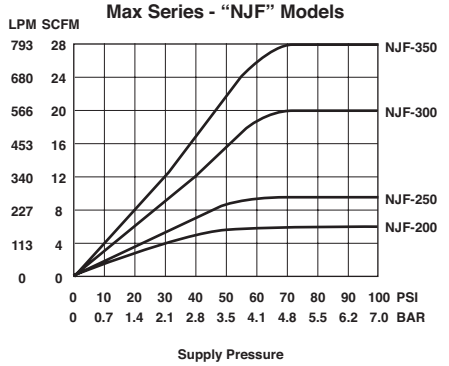
Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	10"Hg (339)
NJF-300	7.80 (220.90)	Vacuum Flow SCFM (L/min)	20.00 (566.3)	14.00 (369.4)	9.50 (269)	3.5 (99.1)	0 (0)
		Evacuation time (seconds)	0 (0)	0.26 (0)	0.77 (0)	1.8 (0.1)	4.10 (0.10)
NJF-350	12.50 (354)	Vacuum Flow SCFM (L/min)	28.00 (792.90)	18.00 (509.70)	12.30 (348.30)	4.5 (127.4)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0.52 (0)	1.28 (0)	2.82 (0.10)

Evacuation time in seconds based on 1 cubic foot volume / "Hg (1 Liter Volume / mbar)

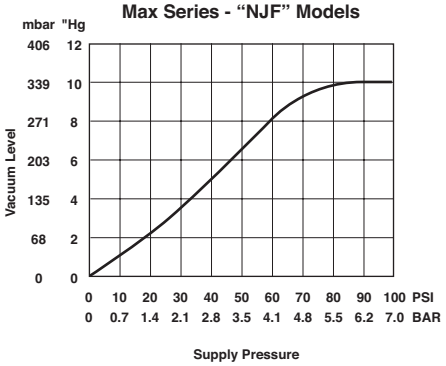
Air Consumption vs Supply Pressure
Max Series - "NJF" Models



Vacuum Flow vs Supply Pressure
Max Series - "NJF" Models



Static Vacuum vs Supply Pressure
Max Series - "NJF" Models



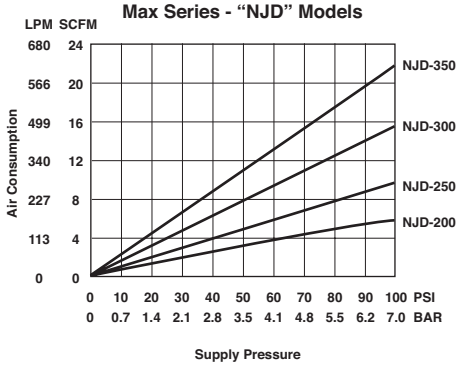
NJ MAX SERIES

Performance Data

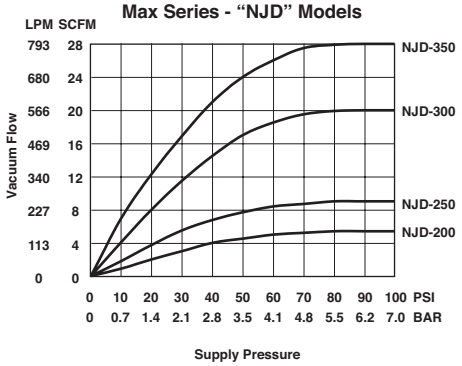
Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	12"Hg (406)	15"Hg (508)	18"Hg (609)	20"Hg (677)
NJD-300	12.50 (354)	Vacuum Flow SCFM (L/min)	20.00 (566.30)	19.00 (538)	16.30 (461.60)	13.80 (390.80)	8.10 (229.40)	5.50 (155.70)	3.30 (93.40)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0 (0)	1.10 (0)	1.80 (0.10)	2.70 (0.10)	4.60 (0.20)	8.70 (0.30)
NJD-350	22.00 (623)	Vacuum Flow SCFM (L/min)	28.00 (792.90)	24.00 (679.60)	19.40 (549.30)	16.80 (475.70)	14.50 (410.60)	11.20 (317.10)	4.80 (135.90)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0 (0)	1.00 (0)	1.50 (0.10)	2.10 (0.10)	4.30 (0.20)	8.40 (0)

Evacuation time in seconds based on 1 cubic foot volume / "Hg (1 Liter Volume / mbar)

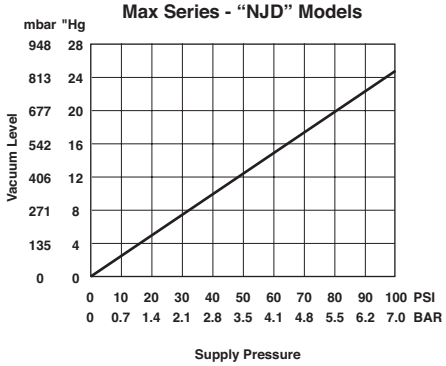
Air Consumption vs Supply Pressure Max Series - "NJD" Models



Vacuum Flow vs Supply Pressure Max Series - "NJD" Models



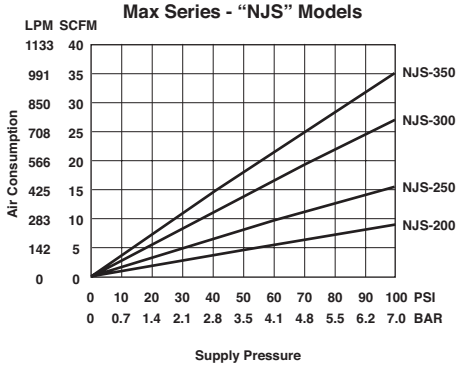
Static Vacuum vs Supply Pressure Max Series - "NJD" Models



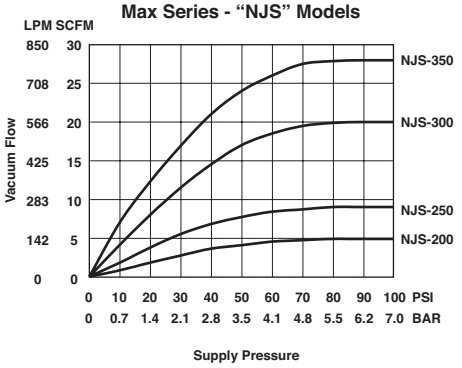
Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	10"Hg (339)	12"Hg (406)	15"Hg (508)	18"Hg (609)	20"Hg (677)	21"Hg (711)	24"Hg (813)	27"Hg (914)	28"Hg (948)
NJS-300	22.00 (623)	Vacuum Flow SCFM (L/min)	20.00 (566.30)	17.00 (481.40)	14.00 (396.40)	12.70 (359.60)	- (-)	12.00 (339.80)	10.00 (238.20)	7.40 (209.50)	- (-)	4.90 (138.80)	2.70 (76.50)	1.30 (36.80)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0.80 (0)	1.20 (0)	- (-)	2.00 (0.10)	2.80 (0.10)	3.90 (0.10)	- (-)	5.90 (0.20)	11.10 (0.40)	32.70 (1.20)	60.00 (2.10)
NJS-350	28.00 (792.9)	Vacuum Flow SCFM (L/min)	28.00 (792.90)	22.00 (623)	18.70 (529.50)	15.90 (450.20)	- (-)	14.50 (410.60)	11.80 (334.1)	8.10 (229.4)	- (-)	5.7 (161.4)	4.5 (127.4)	2.25 (63.7)	0 (0)
		Evacuation time (seconds)	0 (0)	0 (0)	0 (0)	1.20 (0)	- (-)	1.90 (0.10)	2.30 (0.10)	3.40 (0.10)	- (-)	5.30 (0.20)	8.80 (0.30)	26.00 (0.90)	44.00 (1.60)

Evacuation time in seconds based on 1 cubic foot volume / "Hg (1 Liter Volume / mbar)

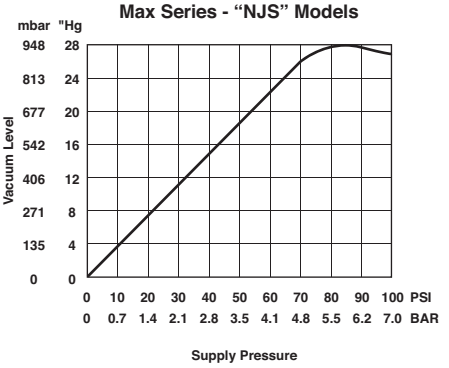
Air Consumption vs Supply Pressure Max Series - "NJS" Models



Vacuum Flow vs Supply Pressure Max Series - "NJS" Models



Static Vacuum vs Supply Pressure Max Series - "NJS" Models



Warnings

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

NVPI

- High Productivity – non-clogging design reduces downtime
- Strong hold – powerful vacuum up to 24"Hg [813mbar]
- Mounts Easily – compact and lightweight
- Fast Response – installs close to vacuum point
- Efficient – minimal air consumption
- Reliable operation – straight-through design with no moving parts

Technical Data

Fluid
Filtered (50 Micron) unlubricated, non-corrosive dry gases
Operating Temperature
-30° to ~250°F (-34° to ~121°C)
Operating Pressure
80 PSI (5.5 bar) Standard or
60 PSI (4.1 bar)

Materials
Generator Body: Anodized Aluminum
Supply Line 1/4" OD (6mm) tube
Vacuum Line 1/4" OD (6mm) tube
Mounting Holes
5/8"-18 male thread (optional jam nut: JN)
Control Valve
3 way/2 position (faster part release), minimum orifice – 0.125" [3mm]

Standard Models

Part Number	Max. Vacuum Level	Max. Vacuum Flow	Air Consumption
NVPI-90H-NN-A00	24"Hg	1.20 SCFM	1.80 SCFM
NVPI-90H-JN-A00	24"Hg	1.20 SCFM	1.80 SCFM

Option selector

NVPI-90★-★★-A★★

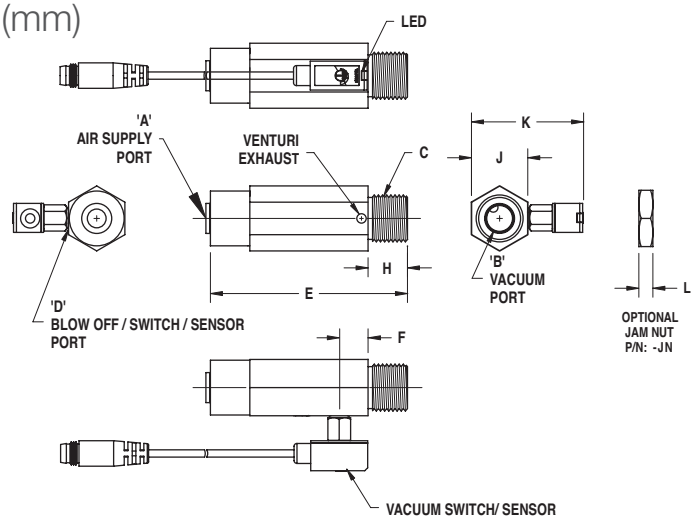
Series	Substitute
NVPI (Imperial Thread)	

Operating Pressure	Substitute
90H @ 80PSI (Standard)	**90H**
90H @ 60PSI (Standard)	**90Z**

Accessories	Substitute
Extra Port if Available / No Accessories	**A00**
Extra Port if Available / NVTMV-QD-6	**A02**
Extra Port if Available / NVSMN-QD-6	**A04**
Extra Port if Available / NVSMP-QD-6	**A06**

Jam Nut	Substitute
No Jam Nut (Standard)	**NN**
Jam Nut	**JN**

Dimensions inches (mm)

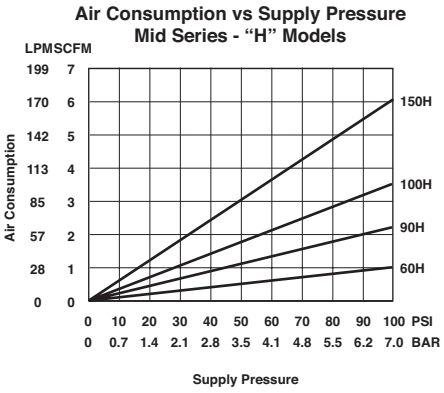


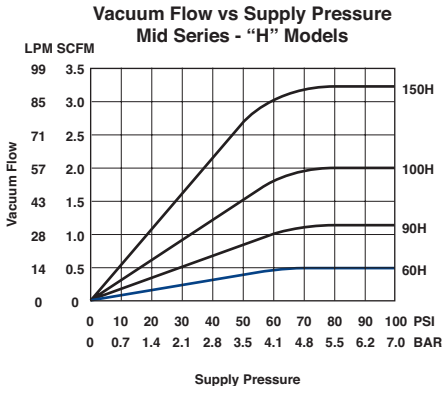
Model	Units	A	B	C	D	E	F	H	J	K	L
NVPI-90H-JN-A00	Imperial	1/4 PTC	1/8 NPTF	5/8-18 UNF	M5	2.63	0.32	0.53	0.75	0.91	0.19
NVPI-90H-JN-A**	Imperial	1/4 PTC	1/8 NPTF	5/8-18 UNF	M5	2.63	0.32	0.53	0.75	1.50	0.19

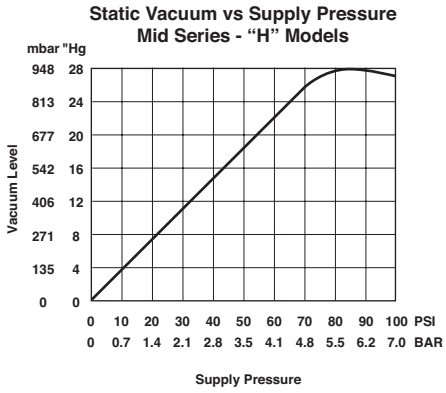
Performance Data

Model	Air Consumption SCFM (L/min)	Vacuum Level "Hg (mbar)	0"Hg (0)	3"Hg (102)	6"Hg (203)	9"Hg (305)	12"Hg (406)	15"Hg (508)	18"Hg (609)	21"Hg (711)	24"Hg (813)
NVPI-90H	1.80 (51.0)	Vacuum Flow SCFM (L/min)	1.20 (34.00)	1.00 (28.30)	0.95 (26.90)	0.90 (25.5)	0.85 (24.10)	0.75 (21.2)	0.70 (19.80)	0.52 (14.7)	0.47 (13.30)
		Evacuation time (seconds)	0 (0)	6.50 (0.20)	12.30 (0.40)	18.90 (0.70)	32.50 (1.10)	47.00 (1.70)	65.40 (2.30)	92.20 (3.30)	130.00 (4.60)

Evacuation time in seconds based on 1 cubic foot volume / "Hg (1 Liter Volume / mbar)
Evacuation speed is linear with volume. A 2 cu. ft. volume will take twice as long to evacuate as a 1 cu. ft. volume.







Warnings

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

NMPVG

- Lightweight and compact for easy point-of-use installation
- Strong hold – powerful vacuum up to 27.1"Hg [918mbar]
- Inline mounting with push-to-connect fittings for quick installation
- Fast Response – installs close to vacuum point
- Efficient – minimal air consumption
- Reliable operation – straight-through design with no moving parts
- Built-in silencers for quiet operation

Technical Data

Fluid
Filtered (50 Micron) unlubricated, non-corrosive dry gases
Operating Temperature
32° to ~120° F (0° to 99°C)
Operating Pressure
72 PSI (5.0 bar)

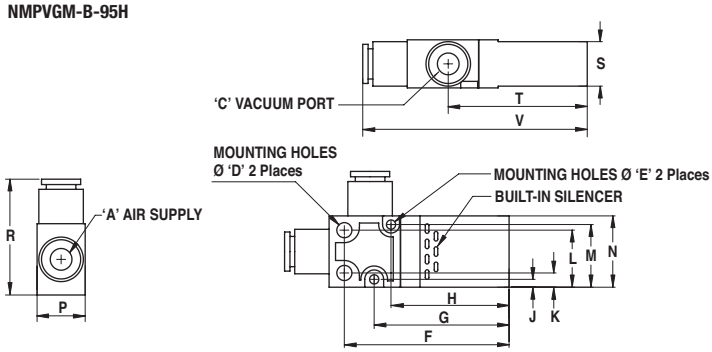
Materials
Generator Body: Nylon
Fitting: Nickel plated brass
Supply Line
6mm OD
Vacuum Line
6mm OD
Exhaust Line
8mm OD (NMPVGM-T Model only)

Standard Models

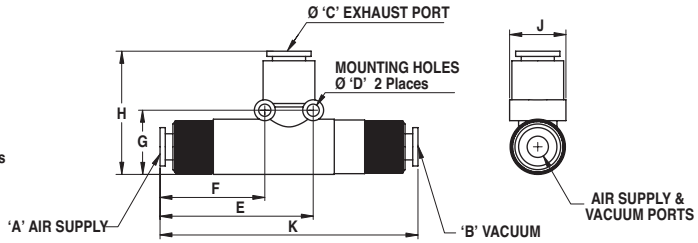
Part Number	Max. Vacuum Level	Max. Vacuum Flow	Air Consumption
NMPVGM-B-55H	27.1"Hg	0.45 SCFM	0.80 SCFM
NMPVGM-B-95H	27.1"Hg	1.34 SCFM	2.45 SCFM
NMPVGM-T-85H	26.8"Hg	0.99 SCFM	1.60 SCFM
NMPVGM-I-35H	26.8"Hg	0.25 SCFM	0.40 SCFM
NMPVGM-I-85H	26.8"Hg	0.99 SCFM	1.60 SCFM
NMPVGM-I-35H-18M	26.8"Hg	0.25 SCFM	0.40 SCFM
NMPVGM-I-85H-18M	26.8"Hg	0.99 SCFM	1.60 SCFM

Dimensions inches (mm)

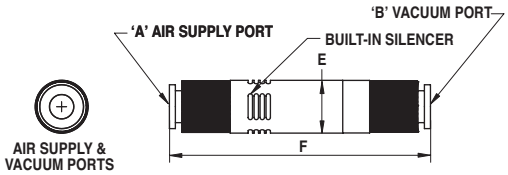
NMPVGM-B-55H
NMPVGM-B-95H



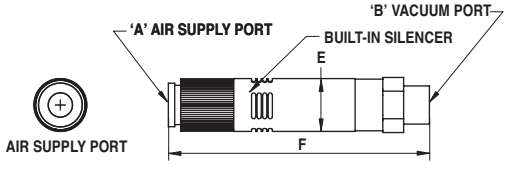
NMPVGM-T-85H



NMPVGM-I-35H
NMPVGM-I-85H



NMPVGM-I-35H-18M
NMPVGM-I-85H-18M



Dimensions inches (mm)

Model	Units	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	V
NMPVGM-B-55H	Imperial	6mm PTC	-	6mm PTC	0.17	0.1	1.82	1.49	1.3	0.09	0.16	0.63	0.69	0.79	0.53	1.28	0.49	1.54	2.48
	(Metric)	(6mm PTC)	(-)	(6mm PTC)	(4.0)	(3.0)	(46)	(38)	(33)	(2)	(4.0)	(16)	(18)	(20)	(14)	(33)	(13)	(39)	(63)
NMPVGM-B-95H	Imperial	6mm PTC	-	6mm PTC	0.17	0.1	1.82	1.49	1.3	0.09	0.16	0.63	0.69	0.79	0.53	1.28	0.49	1.54	2.48
	(Metric)	(6mm PTC)	(-)	(6mm PTC)	(4.0)	(3.0)	(46)	(38)	(33)	(2)	(4.0)	(16)	(18)	(20)	(14)	(33)	(13)	(39)	(63)
NMPVGM-T-85H	Imperial	6mm PTC	6mm PTC	8mm PTC	0.14	1.73	1.18	0.73	1.39	0.59	2.91	-	-	-	-	-	-	-	-
	(Metric)	(6mm PTC)	(6mm PTC)	(8mm PTC)	(3.5)	(43.9)	(30.1)	(18.4)	(35.4)	(15)	(74)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
NMPVGM-I-35H	Imperial	6mm PTC	6mm PTC	-	-	0.52	2.58	-	-	-	-	-	-	-	-	-	-	-	-
	(Metric)	(6mm PTC)	(6mm PTC)	(-)	(-)	(13)	(66)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
NMPVGM-I-85H	Imperial	6mm PTC	6mm PTC	-	-	0.62	2.91	-	-	-	-	-	-	-	-	-	-	-	-
	(Metric)	(6mm PTC)	(6mm PTC)	(-)	(-)	(16)	(74)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
NMPVGM-I-35H-18M	Imperial	6mm PTC	G 1/8	-	-	0.52	2.58	-	-	-	-	-	-	-	-	-	-	-	-
	(Metric)	(6mm PTC)	(G 1/8)	(-)	(-)	(13)	(66)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
NMPVGM-I-85H-18M	Imperial	6mm PTC	G 1/8	-	-	0.62	2.91	-	-	-	-	-	-	-	-	-	-	-	-
	(Metric)	(6mm PTC)	(G 1/8)	(-)	(-)	(16)	(74)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)

Model	Air Consumption SCFM (L/min)	Maximum Vacuum "Hg (mbar)	Maximum Vacuum Flow SCFM (L/min)
NMPVGM-B-55H	0.80	27.10	0.45
	(22.60)	(918.00)	(12.70)
NMPVGM-B-95H	2.45	27.10	1.34
	(69.40)	(918.00)	(37.94)
NMPVGM-T-85H	1.60	26.80	0.99
	(45.30)	(908.00)	(28.00)
NMPVGM-I-35H	0.40	26.80	0.25
	(11.30)	(908.00)	(7.10)
NMPVGM-I-85H	1.60	26.80	0.99
	(45.30)	(908.00)	(28.00)
NMPVGM-I-35H-18M	0.40	26.80	0.25
	(11.30)	(908.00)	(7.10)
NMPVGM-I-85H-18M	1.60	26.80	0.99
	(45.30)	(908.00)	(28.00)

Warnings

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.