

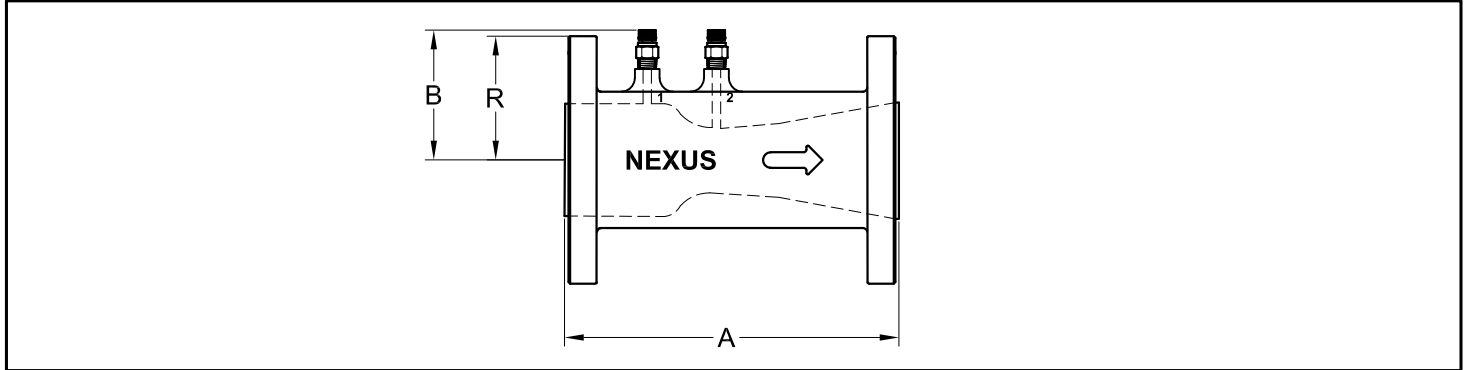


# NEXUS

## Nexus Venturi™ Model NVF

Venturi Flow Meter

(2½" thru 12")



DIMENSIONS [inches]					
SIZE [inches]	A	B	R (Flange)	Cv	WT. [lbs]
2½	5.65	3.75	3.50	43	18.0
3	8.13	4.00	3.75	84	24.5
4	11.00	4.45	4.50	149	36.5
5	11.53	5.00	5.00	220	45.0
6	12.15	5.51	5.50	402	57.0
8	12.90	6.55	6.75	677	84.5
10	13.90	7.60	8.00	995	119.5
12	15.65	8.60	9.50	1749	181.5

FLOW RATE RECOMMENDATION GUIDE		
SIZE [inches]	IDEAL FLOW RANGES [GPM]	
	Min. Flow (@ 10 Inch WC)	Max. Flow (@ 100 Inch WC)
2½	26.0	82.0
3	50.0	158.0
4	89.0	281.0
5	131.0	415.0
6	240.0	758.0
8	404.0	1,277.0
10	594.0	1,877.0
12	1,044.0	3,300.0

**BASIC INSTALLATION NOTES**

- MUST BE INSTALLED IN THE INDICATED FLOW DIRECTION
- CAN BE ROTATED 360° AROUND PIPE AXIS FOR INSTALLATION
- NO STRAIGHT PIPE DIAMETERS ARE REQUIRED
- ALLOW A MINIMUM OF 10 STRAIGHT PIPE DIAMETERS AFTER A PUMP DISCHARGE
- 150# CLASS B FLANGES ALSO MATE TO 125# FLANGES

**ORDER DATA**

Sample Part #: 

N	V	F	-	0	4	0	0	-				
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Model \_\_\_\_\_  
 Size \_\_\_\_\_  
 Option Order Code (PTE) \_\_\_\_\_  
 Option Order code (HT) \_\_\_\_\_

**MATERIALS & DESIGN DATA**



VENTURI BODY (PIPE) .....P235GH - PRESSURE VESSEL STEEL (EQUIVALENT TO ST 35), 230 PSI, -4°F to 250°F  
 STANDARD 150# CLASS B FLANGES (MATES TO 125# FLANGES ALSO)

VENTURI INSERT .....P235T1 - CARBON STEEL (EQUIVALENT TO ST 37)

FLANGES .....S235JR - CARBON STEEL, ASME B16.5, STANDARD 150# CLASS B

ACCURACY .....±3%

**ACCESSORIES**

	Order Code	Part No.	Description
	<input type="checkbox"/>	H	HT. HANGING TAG with Model No., Location (Maximum 7 Characters)
	<input type="checkbox"/>	X	PTE. PRES / TEMP TEST PLUG EXTENSION 1½" O.A.L.

PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

PO/JOB NO. \_\_\_\_\_

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_

For part numbers and ordering information please consult the "Ordering Guide" section in Nexus Catalog.