



BLOW-BY METER



Test piston ring sealing
throughout the full RPM range

Analog or frequency output to your
dynamometer

Find power that is lost to problems with:

- ⚙ Ring Flutter
- ⚙ Ring End Gap
- ⚙ Cylinder Wall Distortion Ring Clearance
- ⚙ Ring Tension

SPECIFICATIONS:

Operating temperature:	0° to 200° F (-18° to 93° C)
Operating pressure:	-5 to 30 PSIG (-0.34 to 2.1 BARg)
Accuracy:	± 2% full scale
Repeatability:	± 0.5% of reading
Input power:	+12 to +24 VDC at 35 mA
Outputs:	Analog 0 to 5 VDC, or Frequency, Available Options: 0 to 10 VDC or 1 to 10 VDC
Construction:	Anodized aluminum
Ambient temperature limits:	-20° to 150° F (-28° to 66° C)
Response Time-Analog/Freq:	100 milliseconds



Model	VF563AA	VF563A	VF563B	VF563J	VF563K	VF563C	VF563F
Line Size ID Inches (mm)	3/8 (9.5)	1/2 (12.7)	5/8 (15.9)	3/4 (19.05)	1 (25.4)	1-3/8 (34.9)	2 (50.8)
Range ACFM	0.14 to 5	0.25 to 10	0.4 to 16	0.7 to 27	1 to 50	2 to 80	5 to 200
Range LPM	4 to 141	7 to 283	11.3 to 453	20 to 765	28 to 1416	56 to 2265	141 to 5663
Range m3/Hr	0.24 to 8.5	0.42 to 17	.7 to 27	1.2 to 46	1.7 to 85	3.4 to 136	8.5 to 340
Range CFH	8.4 to 300	15 to 600	24 to 960	42 to 1620	60 to 3000	120 to 4800	300 to 12000

ACFM = Actual Cubic Feet per Minute
LPM = Liters Per Minute
m3/Hr = Cubic Meters per Hour
CFH = Cubic Feet per Hour

All VF563 flow meters are calibrated using standards and test equipment traceable to the National Institute of Standards and Technology (NIST).