

DFB Dual Scale Flow Meters

SENSING

ANALYSIS

DELIVERY



Designed for
Blenders



AIR/O₂

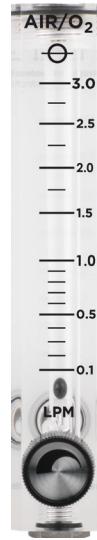
30
25
20
15
10
5
3
2
1
0.5

Top Scale

LPM

Bottom Scale

*The future of flow
meters is finally here!*



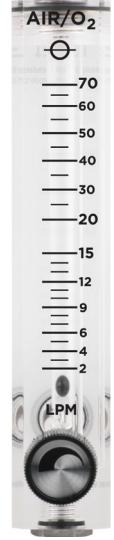
Dual Scale
0.1 LPM to 1 LPM
0.25 LPM from 1 to 3 LPM



Dual Scale
0.25 LPM to 3 LPM
1.0 LPM from 5 to 15 LPM



Dual Scale
0.25 LPM to 3 LPM
2.5 LPM from 5 to 30 LPM



Dual Scale
1.0 LPM to 15 LPM
5 LPM from 20 to 70 LPM

See Flow Charts on Page 2

GO WITH THE FLOW

Maxtec **DFB flow meters** are designed and calibrated to provide increased accuracy compared to standard flow meters. By utilizing **dual-scale graduations**, the flow meter provides two flow meters in one for increased accuracy at lower flows. The flow meters feature high-quality acrylic block bodies and precision valves. Each flow meter comes equipped with a DISS outlet and DISS adapter for neat, compact attachment to the side of the blender.

PART NUMBERS

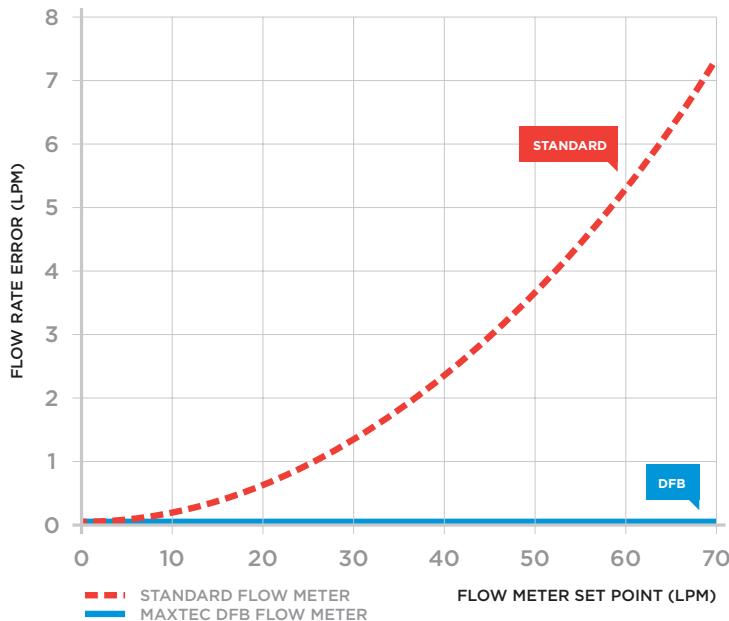
LOW FLOW:

0-3 LPM R219P99-400
0-15 LPM R219P79-400
0-30 LPM R219P88-400

HIGH FLOW:

0-70 LPM R219P87-400

FLOW RATE ERROR FOR HIGH FLOW



▼11%

FLOW RATE ERROR

ON A STANDARD FLOW METER
AT 70 LPM (HIGH FLOW)

Specifications

Weight	12 oz (340 g)
Storage Temperature	-40 °F (-40 °C) to 140 °F (60 °C)



Model	Flow Range	Graduations	Accuracy	Flush Flow
R219P99-400	0-3 LPM*	0.1 (0.1-1) LPM 0.25 (1.5-3) LPM	± 0.5 LPM ± 0.5 LPM	Approx. 21-25 LPM
R219P79-400	0-15 LPM*	0.25 (0.5-3) LPM 1 (5-15) LPM	± 0.5 LPM ± 10% of indicated value	Approx. 21-25 LPM
R219P88-400	0-30 LPM*	0.25 (0.5-3) LPM 2.5 (5-30) LPM	± 0.5 LPM ± 10% of indicated value	Approx. 37-45 LPM
R219P87-400	0-70 LPM*	1 (2-15) LPM 5 (15-70) LPM	± 0.5 LPM (2-4 LPM) ± 10% of indicated value (5-70 LPM)	Approx. 70-80 LPM

*Note: Accuracy is assured for air-oxygen gas from a blender at 70 °F (21 °C)

ML# 275 REV. C