



1234 N. Post Oak Rd., Ste. 100
 Houston, TX 77055
 Phone: 713-688-2008
 Fax: 713-688-2993
 www.compatible-components.com

AZ MIXING EDUCTOR

ALL 1" (25mm) MODELS PERFORMANCE CHART

Head		Velocity of Discharge
PSI (BAR)	FEET (METERS)	FT/SEC (M/SEC)

30.0 (2.0)	69.0 (21.0)	67.0 (20.0)
40.0 (2.76)	92.0 (28.0)	77.0 (23.0)
50.0 (3.5)	115.0 (35.0)	86.0 (26.0)
60.0 (4.14)	138.0 (42.0)	94.0 (29.0)
70.0 (4.8)	161.0 (49.0)	102.0 (31.0)
80.0 (5.5)	184.0 (56.0)	109.0 (33.0)
90.0 (6.2)	207.0 (65.0)	116.0 (35.0)
100.0 (6.9)	230.0 (70.0)	122.0 (37.0)

Nozzle Orifice Sizes*		
3/16" (5mm)	1/4" (6mm)	3/8" (9mm)
GPM (LPM)	GPM (LPM)	GPM (LPM)

2.56 (10.0)	5.75 (22.0)	10.0 (38.0)
3.0 (11.4)	6.7 (25.5)	11.5 (44.0)
3.3 (12.5)	7.5 (28.5)	13.0 (49.0)
3.62 (13.8)	8.0 (30.0)	14.5 (55.0)
4.0 (15.2)	8.8 (33.0)	15.7 (60.0)
4.2 (16.0)	9.4 (36.0)	16.5 (63.0)
4.5 (17.0)	10.0 (38.0)	17.7 (67.0)
4.7 (18.0)	10.5 (40.0)	18.5 (70.0)

*AZ Eductor nozzle orifice is equivalent to the area of a circle.

The AZ Eductor performs best with a 1.5' (0.5 meters) straight pipe extension installed on the discharge end of the eductor.



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AZ MIXING EDUCTOR

ALL 1.5" (37mm) MODELS PERFORMANCE CHART

Head		Velocity of Discharge
PSI (BAR)	FEET (METERS)	FT/SEC (M/SEC)

30.0 (2.0)	69.0 (21.0)	67.0 (20.0)
40.0 (2.76)	92.0 (28.0)	77.0 (23.0)
50.0 (3.5)	115.0 (35.0)	86.0 (26.0)
60.0 (4.14)	138.0 (42.0)	94.0 (29.0)
70.0 (4.8)	161.0 (49.0)	102.0 (31.0)
80.0 (5.5)	184.0 (56.0)	109.0 (33.0)
90.0 (6.2)	207.0 (65.0)	116.0 (35.0)
100.0 (6.9)	230.0 (70.0)	122.0 (37.0)

Nozzle Orifice Sizes*		
3/8" (9mm)	1/2" (12.5mm)	5/8" (17mm)
GPM (LPM)	GPM (LPM)	GPM (LPM)

10.0 (38.0)	23.0 (87.0)	41.0 (156.0)
11.5 (44.0)	27.0 (103.0)	47.0 (179.0)
13.0 (49.0)	30.0 (114.0)	53.0 (201.0)
14.5 (55.0)	32.5 (124.0)	58.0 (220.0)
15.7 (60.0)	35.2 (134.0)	62.5 (238.0)
16.5 (63.0)	37.6 (143.0)	67.0 (255.0)
17.7 (67.0)	40.0 (152.0)	71.0 (270.0)
18.5 (70.0)	42.0 (160.0)	75.0 (285.0)

*AZ Eductor nozzle orifice is equivalent to the area of a circle.

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AZ MIXING EDUCTOR

ALL 2" (50mm) MODELS PERFORMANCE CHART

Head		Velocity of Discharge
PSI (BAR)	FEET (METERS)	FT/SEC (M/SEC)

30.0 (2.0)	69.0 (21.0)	67.0 (20.0)
40.0 (2.76)	92.0 (28.0)	77.0 (23.0)
50.0 (3.5)	115.0 (35.0)	86.0 (26.0)
60.0 (4.14)	138.0 (42.0)	94.0 (29.0)
70.0 (4.8)	161.0 (49.0)	102.0 (31.0)
80.0 (5.5)	184.0 (56.0)	109.0 (33.0)
90.0 (6.2)	207.0 (65.0)	116.0 (35.0)
100.0 (6.9)	230.0 (70.0)	122.0 (37.0)

Nozzle Orifice Sizes*			
1/2" (12.5mm)	9/16" (14mm)	5/8" (17mm)	3/4" (19mm)
GPM (LPM)	GPM (LPM)	GPM (LPM)	GPM (LPM)

23.0 (87.0)	29.0 (110.0)	41.0 (156.0)	60.0 (228.0)
27.0 (103.0)	34.0 (129.0)	47.0 (179.0)	72.0 (274.0)
30.0 (114.0)	39.0 (148.0)	53.0 (201.0)	83.0 (315.0)
32.5 (124.0)	45.0 (171.0)	58.0 (220.0)	90.0 (342.0)
35.2 (134.0)	49.0 (186.0)	62.5 (238.0)	98.0 (372.0)
37.6 (143.0)	54.0 (205.0)	67.0 (255.0)	104.0 (395.0)
40.0 (152.0)	59.0 (224.0)	71.0 (270.0)	111.0 (422.0)
42.0 (160.0)	63.0 (239.0)	75.0 (285.0)	120.0 (456.0)

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AZ MIXING EDUCTOR

ALL 3" (75mm) MODELS PERFORMANCE CHART

Head		Velocity of Discharge
PSI (BAR)	FEET (METERS)	FT/SEC (M/SEC)

30.0 (2.0)	69.0 (21.0)	67.0 (20.0)
40.0 (2.76)	92.0 (28.0)	77.0 (23.0)
50.0 (3.5)	115.0 (35.0)	86.0 (26.0)
60.0 (4.14)	138.0 (42.0)	94.0 (29.0)
70.0 (4.8)	161.0 (49.0)	102.0 (31.0)
80.0 (5.5)	184.0 (56.0)	109.0 (33.0)
90.0 (6.2)	207.0 (65.0)	116.0 (35.0)
100.0 (6.9)	230.0 (70.0)	122.0 (37.0)

Nozzle Orifice Sizes*		
3/4" (19mm)	7/8" (22mm)	1" (25mm)
GPM (LPM)	GPM (LPM)	GPM (LPM)

60.0 (228.0)	92.0 (350.52)	125.0 (476.25)
72.0 (277.0)	105.0 (400.05)	145.0 (552.45)
83.0 (315.0)	119.0 (453.39)	162.0 (617.22)
90.0 (342.0)	130.0 (495.3)	177.0 (674.37)
98.0 (372.0)	141.0 (537.21)	191.0 (727.71)
104.0 (395.0)	150.0 (571.5)	205.0 (781.05)
111.0 (422.0)	160.0 (609.6)	217.0 (826.77)
120.0 (456.0)	168.0 (640.08)	230.0 (876.3)

*AZ Eductor nozzle orifice is equivalent to the area of a circle.

The AZ Eductor performs best with a 1.5' (0.5 meters) straight pipe extension installed on the discharge end of the eductor.