



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.



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.

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



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)

*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.



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.