



1213 West Loop North, Ste 180  
 Houston, TX 77055  
 Phone: 713-688-2008  
 Fax: 713-688-2993  
 www.cccmix.com

# AZ MIXING EDUCTOR & AZ SHEARMIXER

## 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.**