



PE SERIES EDUCTORS

- Lower profile helps save valuable tank space and makes for easier retrofits
- Larger connection sizes eliminate the need for multiple bushings when using standard fittings or our P-series pumps
- Larger plume dispersion angle helps eliminate dead spots between eductors
- Maximum temperature 212°F (100°C) (PVDF)
- Materials: CPVC, polypropylene, PVDF, stainless steel
- Sizes: 1/4" (6 mm), 3/8" (9.5 mm), 3/4" (19 mm), 1" (25 mm), 1 1/2" (38 mm)
- Custom colors available on request (consult factory)



BENEFITS

- Vigorous agitation keeps solids in suspension and immiscible liquids mixed
- Distributes chemistries more uniformly
- More uniform thickness and brightness
- Eliminates hot spots
- Circulates up to 5 gallons (19 L) for every gallon (3.8 L) pumped



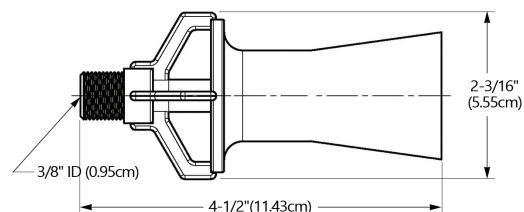
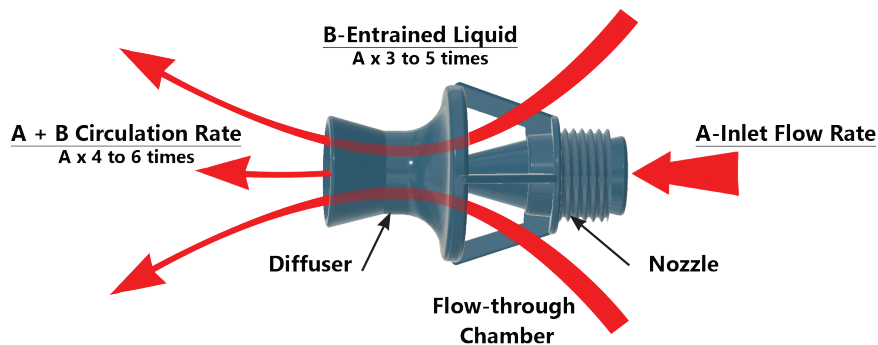
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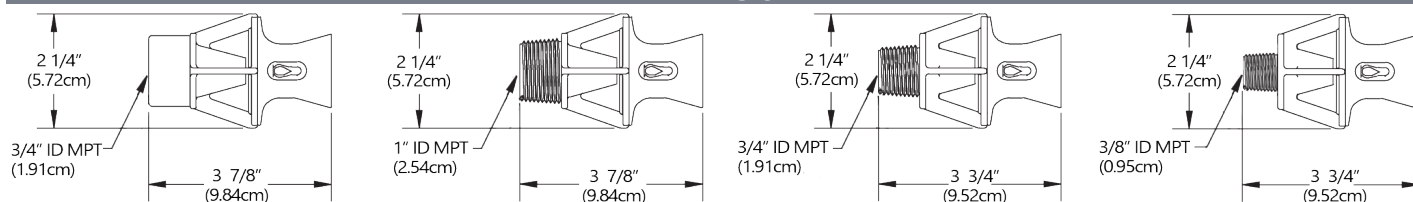
SPRAY ANGLE	MATERIAL OF CONSTRUCTION	CONNECTION SIZE	RECOMMENDED EDUCTOR SPACING
15 degrees	Polypropylene	1/4" (6.35 mm) MNPT	12" (305 mm) maximum
15 degrees	PVDF	1/4" (25 mm) MNPT	12" (25 mm) maximum
30 degrees	CPVC	3/8" (9.375 mm) MNPT	18" (37.5 mm) maximum
30 degrees	Stainless steel	3/8" (9.375 mm) MNPT	18" (37.5 mm) maximum
30 degrees	CPVC	3/4" (18.75 mm) MNPT	18" (37.5 mm) maximum
30 degrees	Polypropylene	3/4" (18.75 mm) MNPT	18" (37.5 mm) maximum
30 degrees	Polypropylene	3/4" (18.75 mm) FNPT	18" (37.5 mm) maximum
15 degrees	Polypropylene	3/4" (18.75 mm) MNPT	12" (25 mm) maximum
30 degrees	PVDF	3/4" (18.75 mm) FNPT	18" (37.5 mm) maximum
30 degrees	CPVC	1" (25 mm) MNPT	18" (37.5 mm) maximum
30 degrees	Polypropylene	1" (25 mm) MNPT	18" (37.5 mm) maximum

PERFORMANCE DATA								
ORIFICE DIAMETER 0.1875 INCH (5.0 MM)								
	MOTIVE PRESSURE / FLOW RATE CAPACITY GPM (LPM)							
	10 PSI (.5 BAR)	15 PSI (1 BAR)	20 PSI (1.5 BAR)	25 PSI (2 BAR)	30 PSI (2.5 BAR)	35 PSI (3 BAR)	40 PSI (3.5 BAR)	50 PSI (4 BAR)
FLOW RATE GPM (LPM)								
Motive inlet flow rate gpm (lpm)	3.5 (11.3)	4.3 (16.0)	5.0 (19.5)	5.5 (23)	6.1 (25)	6.6 (28)	7.0 (30)	7.8 (32)
Circulation rate gpm (lpm)	16.2 (53.3)	19.4 (75)	22.8 (91.5)	25.1(107)	28.1(118)	30.6 (130)	33 (140)	36 (150)
Plume length ft (m)	3.0 (0.9)	5.0 (1.5)	7.0 (2.1)	8.5 (2.6)	10 (3)	12 (3.7)	14 (4.5)	14 (4.5)
ORIFICE DIAMETER 0.3438 INCH (8.6 MM)								
Motive inlet flow rate gpm (lpm)	7.0 (26.5)	9 (34)	10 (37.9)	11(42)	13 (49)	14 (53)	15 (57)	17 (64)
Circulation rate gpm (lpm)	35 (132)	45 (170)	50 (189)	55 (208)	65 (248)	70 (265)	75 (284)	85 (322)
Plume length ft (m)	4.5 (1.4)	7 (2.3)	9.5 (2.1)	12.5 (3.8)	15.5 (4.7)	19 (5.8)	22.5 (6.9)	26.5 (8.1)
ORIFICE DIAMETER 0.375 INCH (10 MM)								
Motive inlet flow rate gpm (lpm)	13.5 (43)	17 (64)	19 (719)	21 (85)	23 (97)	25 (106)	27 (116)	30 (124)
Circulation rate gpm (lpm)	67.5 (215)	85 (320)	95 (370)	105 (425)	115 (485)	125 (530)	135 (580)	150 (620)
Plume length ft (m)	5.0 (1.5)	8 (2.4)	11.6 (3.4)	14 (4.5)	17 (5.2)	20 (6.1)	24 (7.3)	33 (10.1)

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DIMENSION



NOMENCLATURE

MODEL	Connection Size Inch (mm)	Material of Construction
PE	1/4M = 1/4" (6.35 mm) MNPT	A = CPVC
	3/8M = 3/8" (9.375 mm) MNPT	B = Polypropylene
	3/4F = 3/4" (18.75 mm) FNPT	B -1= Polypropylene
	3/4M = 3/4" (18.75 mm) MNPT	C = PVDF
	1M = 1" (25 mm) MNPT	S = Stainless steel



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