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Eductor Mixing Nozzle

DESIGN FEATURES

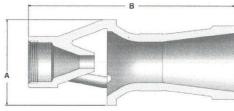
- Effective, economical way to circulate liquids in closed or open tanks
- No moving parts
- Inherently clog resistant
- Requires minimal maintenance
- Nozzle operation creates multiplying effect on fluid flow

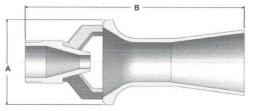
SPRAY CHARACTERISTICS

- Cone-shaped plume
- Flow rates: 26.7 to 12000l/min (motive)
- The volume of discharge liquid will be 3-5 times greater than the motive liquid pumped



Metal





PI	LASTIC		etal						P	lastic		
Connection Size		Part Number	K Factor	Motive Flow Rate LITERS PER MINUTE @ BAR*							Dimensions (mm)	
				0.7 bar	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	3.5 bar	A	В
, Male	3/8	TE73	33.2	27.8	33.2	40.7	47	52.5	57.6	62.2	54	114
	1/2	TE120	54.3	45.4	54.3	66.5	76.7	85.8	94	101	64	165
	3/4	TE1 37	62.4	52.2	62.4	76.4	88.2	98.6	108	117	73	162
	1	TE240	109	90.8	108	133	153	172	188	203	89	241
	1 1/2	TE 340	155	130	155	190	219	245	269	290	114	248
	ETAL tion Size	Part					tive Flow R		la se la serie		Dimensi	ons (mm)
	tion Size	Part Number	K Factor	07	1	LITERS F	PER MINUTE	@ BAR*	5	7		
	tion Size NPT	Number	K Factor	0.7 bar	1 bar				5 bar	7 bar	Dimensi	ons (mm) B
	tion Size		K Factor 31.9	0.7 bar 26.7	1 bar 31.9	LITERS F	PER MINUTE	8 @ BAR*	5 bar 71.4	7 bar 84.4		
Connec	tion Size NPT	Number		bar	bar	LITERS F 1.5 bar	PER MINUTE	@ BAR* 3 bar	bar	bar	A	в
	tion Size NPT 3/8	Number TE70	31.9	bar 26.7	bar 31.9	LITERS F 1.5 bar 39.1	PER MINUTE 2 bar 45.1	8 BAR* 3 bar 55.3	bar 71.4	bar 84.4	A 43	B 108
Connec	tion Size NPT 3/8 1/2	Number TE70 TE110	31.9 50.1	bar 26.7 41.9	bar 31.9 50.1	LITERS F 1.5 bar 39.1 61.3	PER MINUTE 2 bar 45.1 70.8	© BAR* 3 bar 55.3 87.0	bar 71.4 112	bar 84.4 132	A 43 55	B 108 133
Connec	tion Size NPT 3/8 1/2 3/4	Number TE70 TE110 TE150	31.9 50.1 68.4	bar 26.7 41.9 57.2	bar 31.9 50.1 68.4	LITERS F 1.5 bar 39.1 61.3 83.7	PER MINUTE 2 bar 45.1 70.8 96.7	BAR* 3 bar 55.3 87.0 118	bar 71.4 112 153	bar 84.4 132 181	A 43 55 67	B 108 133 159
Connec	tion Size NPT 3/8 1/2 3/4 1	Number TE70 TE110 TE150 TE2 30	31.9 50.1 68.4 105	bar 26.7 41.9 57.2 87.7	bar 31.9 50.1 68.4 105	LITERS F 1.5 bar 39.1 61.3 83.7 128	PER MINUTE 2 bar 45.1 70.8 96.7 148	BAR* 3 bar 55.3 87.0 118 182	bar 71.4 112 153 234	bar 84.4 132 181 277	A 43 55 67 83	B 108 133 159 200
Connec	tion Size NPT 3/8 1/2 3/4 1 1 1 1/2	Number TE70 TE110 TE150 TE2 30 TE 320	31.9 50.1 68.4 105 146	bar 26.7 41.9 57.2 87.7 122	bar 31.9 50.1 68.4 105 146	LITERS F 1.5 bar 39.1 61.3 83.7 128 179	PER MINUTE 2 bar 45.1 70.8 96.7 148 206	e BAR* 3 bar 55.3 87.0 118 182 253	bar 71.4 112 153 234 326	bar 84.4 132 181 277 386	A 43 55 67 83 97	B 108 133 159 200 233
Connec Maie Female	tion Size NPT 3/8 1/2 3/4 1 1 1 1/2 2	Number TE70 TE110 TE150 TE230 TE320 TE620	31.9 50.1 68.4 105 146 282	bar 26.7 41.9 57.2 87.7 122 236	bar 31.9 50.1 68.4 105 146 282	LITERS F 1.5 bar 39.1 61.3 83.7 128 179 345	PER MINUTE 2 bar 45.1 70.8 96.7 148 206 399	 BAR* 3 bar 55.3 87.0 118 182 253 489 	bar 71.4 112 153 234 326 631	bar 84.4 132 181 277 386 746	A 43 55 67 83 97 121	B 108 133 159 200 233 286
Connec	tion Size NPT 3/8 1/2 3/4 1 1 1/2 2 3	Number TE70 TE110 TE230 TE320 TE620 TE1500	31.9 50.1 68.4 105 146 282 684	bar 26.7 41.9 57.2 87.7 122 236 572	bar 31.9 50.1 68.4 105 146 282 684	LITERS F 1.5 bar 39.1 61.3 83.7 128 179 345 837	PER MINUTE 2 bar 45.1 70.8 96.7 148 206 399 967	BAR* 3 bar 55.3 87.0 118 182 253 489 1180	bar 71.4 112 153 234 326 631 1530	bar 84.4 132 181 277 386 746 1810	A 43 55 67 83 97 121 165	B 108 133 159 200 233 286 492

Motive Flow Rate (I/min) = k Vbar

Standard Material; (3/8" -2") Brass, carbon steel, 316 Stainless steel: (3"- 8") Cast Iron, 316 Stainless Steel