Plastic Agitating Tank Mixing Eductor Nozzles catalogue

Plastic Agitating Tank Mixing Eductor Nozzles have the following features:

• Plastic Agitating Tank Mixing Eductor Nozzles sometimes can be a simple solution to a variety of problems.
• Choose with difficult materials available Glass fiber reinforced polypropylene, PE, Nylon, PVDF
• Plastic Agitating Tank Mixing Eductor Nozzles are suitable for several applications :
• Producing hot cleaning water from an existing steam line, heating liquids in reservoirs by means of steam
• Keeping chemical solutions or paints properly mixed inside their vats and emptying tanks with a high pressure jet of water when a submersible pump is not available.
• Producing hot water under pressure from a steam line with a static device not requiring electric motors is a very useful solution for those applications where a tank needs to be washed in explosion-proof facilities.

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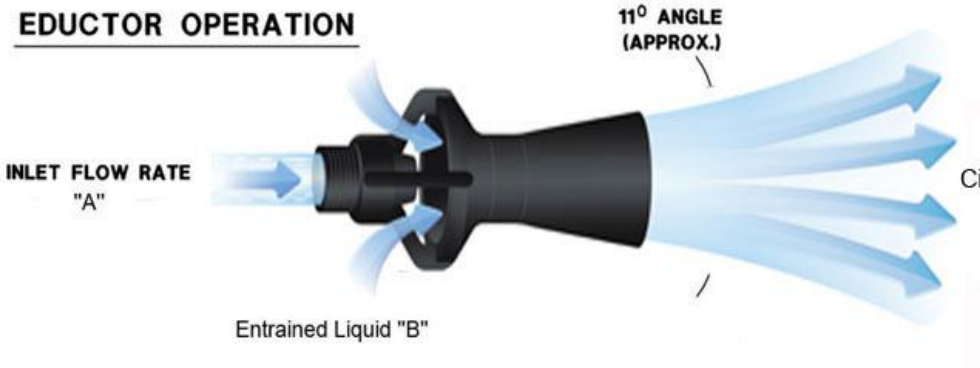
XINHOU®
Specialized In Spraying & Purification

EDUCTOR OPERATION

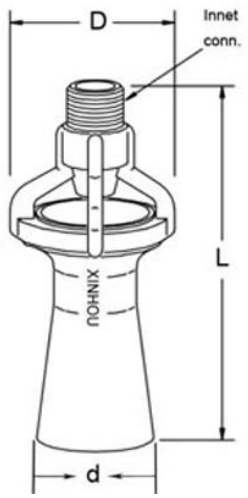


PERFORMANCE DATA

Approx.flow rate performance	Model No.	Inlet Thread size (BSP)	Orifice Dia. (mm)	Dimension D (mm)	Dimension d (mm)	Dimension L (mm)	Inlet Liquid Pressure 0.5 bar	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	3.5 bar	4 bar
Inlet Flow Rate "A" (l/ min)	E -1/4-1	1/4"	3	48	33	95	7.2	10.6	13	16	17	20	24	26
	E- 1/4-2		5	32	22.5	69	11.3	16	19.5	23	25	28	30	32
	E -3/8	3/8'	8	52	38	103	29	42	51	59	65	70	77	82
	E- 1/2	1/2"	9	66.5	48	146	36	53	62	72	83	88	97	103
	E - 3/4	3/4"	10	75	56.5	161	43	64	74	85	97	106	116	124
	E - 1	1"	12	102	71	215	54	96	100	107	122	134	146	156
	E - 1 1/2	1 1/2"	14	112	75.5	252	106	151	184	215	243	259	288	308
Entrained Liquid "B" (l/ min)	E -1/4-1	1/4"	3				26	36	45	52	58	63	68	73
	E- 1/4-2		5				42	59	72	84	93	102	110	118
	E -3/8	3/8'	8				116	168	204	236	260	280	308	328
	E- 1/2	1/2"	9				131	212	251	288	324	352	386	421
	E - 3/4	3/4"	10				172	256	298	340	388	424	464	496
	E - 1	1"	12				217	384	390	428	489	534	585	625
	E - 1 1/2	1 1/2"	14				424	604	736	860	972	1036	1152	1232
Circulation Rate "A"+"B" (l/ min)	E -1/4-1	1/4"	3				33.2	46.6	58	68	75	83	92	99
	E- 1/4-2		5				53.3	75	91.5	107	118	130	140	150
	E -3/8	3/8'	8				145	210	255	295	325	350	385	410
	E- 1/2	1/2"	9				180	265	313	360	405	440	482	515
	E - 3/4	3/4"	10				215	320	370	425	485	530	580	620
	E - 1	1"	12				342	480	490	536	611	668	731	781
	E - 1 1/2	1 1/2"	14				530	755	920	1075	1215	1295	1440	1540

DIMENSIONS

Model No.	Inlet Thread size (BSP)	Orifice Dia. (mm)	Dimension D (mm)	Dimension d (mm)	Dimension L (mm)
E -1/4-1	1/4"	3	48	33	95
E- 1/4-2		5	32	22.5	69
E -3/8	3/8'	8	52	38	103
E- 1/2	1/2"	9	66.5	48	146
E - 3/4	3/4"	10	75	56.5	161
E - 1	1"	12	102	71	215
E - 1 1/2	1 1/2"	14	112	75.5	252



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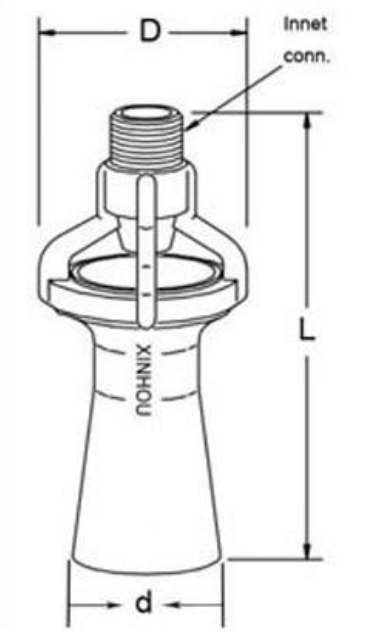
Dimensions



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			D (mm)	d (mm)	L (mm)
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