

# AM nozzle—Eductor Agitating/Mixing



ICS AM eductors offer an effective and economical way to circulate and mix liquids in closed and open tanks. It is also ideal to agitate sediment and separated fluids in open wet areas.

## Applications

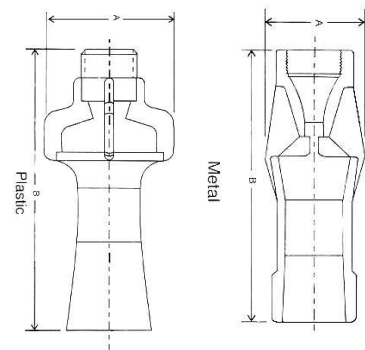
The **AM** can be employed effectively in tanks and vessels used for many applications including plating, phosphating, sludge collection, paint storage, anodizing, agricultural fertilisers and chemicals, pulp slurries, electroplating and pretreatment.



## Construction

Can be constructed from:

- Glass filled polypropylene
- Bronze
- Cast Iron
- Carbon Steel
- Stainless steel



Plastic Model	Thread		lpm @ bar						
			0.7	1	1.5	2	2.5	3	3.5
AM73	3/8 NPT/BSP male	Motive	27.8	33.2	40.7	47	52.5	57.6	62.2
		Discharge	139	166	204	235	263	288	311
AM120	1/2 NPT/BSP male	Motive	45.4	54.3	66.5	76.7	85.8	94	101
		Discharge	227	272	333	384	429	470	508
AM137	3/4 NPT/BSP male	Motive	52.5	62.4	76.4	88.2	98.6	108	117
		Discharge	261	312	382	441	493	540	585
AM240	1" NPT/BSP male	Motive	90.8	108	133	153	172	188	203
		Discharge	454	543	665	768	858	940	1015
AM340	1 1/2" NPT/BSP male	Motive	130	155	190	219	245	269	290
		Discharge	649	775	950	1100	1230	1345	1450

Plastic models	Dimensions (mm)	
	A	B
AM73	54	114
AM120	64	140
AM137	73	162
AM240	89	191
AM340	114	248

Metal Model	Thread		lpm @ bar*						
			0.7	1.5	2	2.5	3	5	7
AM70	3/8" NPT/BSP male	Motive	26.7	31.9	39.1	45.1	55.3	71.4	84.4
		Discharge	107	128	156	180	221	286	338
AM110	1/2" NPT/BSP male	Motive	41.9	50.1	61.3	70.8	87	112	132
		Discharge	168	200	245	283	348	448	528
AM150	3/4" NPT/BSP male	Motive	57.2	68.4	83.7	96.7	118	153	181
		Discharge	229	274	335	387	472	612	724
AM230	1" NPT/BSP male	Motive	87.8	105	128	148	182	234	277
		Discharge	351	419	514	593	728	936	1110
AM320	1 1/2" NPT/BSP female	Motive	122	146	179	206	253	326	386
		Discharge	488	584	716	824	1010	1300	1540
AM620	2" NPT/BSP female	Motive	236	282	345	399	489	631	748
		Discharge	944	1130	1380	1600	1960	2520	2990
AM2510	4" 150# flange	Motive	950	1130	1390	1610	1970	2540	3000
		Discharge	3800	4540	5560	6420	7870	10200	1200
AM6010	6" 150# flange	Motive	2270	2720	3330	3840	4710	6080	7190
		Discharge	9100	10900	13300	15400	18800	24300	28800

Metal models	Dimensions (mm)	
	A	B
AM70	44	114
AM110	51	127
AM150	57	152
AM230	70	165
AM320	76	184
AM620	108	286
AM1500	165	492
AM2510	213	864
AM6010	321	1320
AM10050	416	1730

Further capacities on request  
 \*BAR = supply pressure at the AM nozzle minus the pressure in the tank