

Acu-Mister



Features & Benefits



Special Nozzle for Misting
Fine misty spray for uniform coverage



Quick Thread Connection
10-24 buttress triple lead 'fast' thread inlet



Specially Designed Side Rib
Smooth streamlined side rib to give minimum obstruction to water jet



Compact Design
Compact Design manufactured from tough & durable engineering plastic material

Acu-Mister

Additional Features

- Manufactured with UV & sunlight resistant, chemical resistant, non-corrosive plastic material for stable performance.
- Colour coded nozzle for different flow rates.
- Uniform coverage.
- Easy to install and service.
- Can be supplied with Leakage Prevention Device (LPD) for pulsed operation and to prevent low head drainage.
- On demand, Acu-Mister can be supplied as an assembly.

Applications

- Ideal for plant propagation.
- Recommended for climate control in Greenhouse / Shade house.

Specifications

- Flow rates: 14.4 to 116.8 lph.
- Recommended working pressure: 0.7 to 2.5 kg/cm².
- Wetted diameter: 1.5 to 2.9 m.
- Required filtration: 100 micron.

Performance Chart

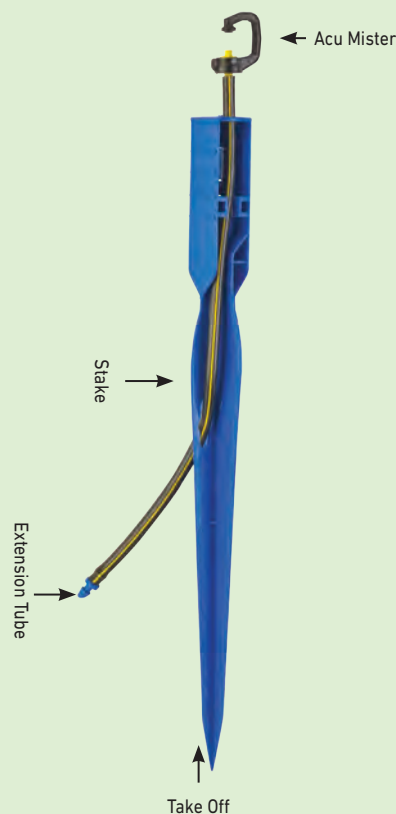
Nozzle No./size (mm)	Color	Emitter Exponent (x)	Flow Coeff. (k)	P		Diameter of throw		Q	
				kg/cm ²	psi	m	ft	lph	gph
30/ 0.69	Black	0.45	16.86	0.7	10.0	-	-	14.4	3.8
				1.0	14.2	1.5	5.0	16.9	4.5
				1.5	21.3	1.7	5.5	20.3	5.4
				2.0	28.4	1.8	6.0	23.1	6.1
				2.5	35.6	1.8	6.0	25.5	6.8
40/ 1.0	Blue	0.48	32.67	0.7	10.0	1.4	4.5	27.5	7.3
				1.0	14.2	1.5	5.0	32.7	8.6
				1.5	21.3	1.7	5.5	39.7	10.5
				2.0	28.4	1.8	6.0	45.6	12.1
				2.5	35.6	2.0	6.5	50.8	13.4
45/ 1.14	Violet	0.51	46.72	0.7	10.0	2.1	7.0	39.0	10.3
				1.0	14.2	2.3	7.5	46.7	12.4
				1.5	21.3	2.4	8.0	57.4	15.2
				2.0	28.4	2.6	8.5	66.5	17.6
				2.5	35.6	2.7	9.0	74.4	19.7
55/ 1.32	Yellow	0.52	60.48	0.7	10.0	1.7	5.5	50.2	13.3
				1.0	14.2	2.0	6.5	60.5	16.0
				1.5	21.3	2.3	7.5	74.8	19.8
				2.0	28.4	2.6	8.5	87.0	23.0
				2.5	35.6	2.9	9.5	97.8	25.9
60/ 1.47	Red	0.54	70.88	0.7	10.0	1.7	5.5	58.3	15.4
				1.0	14.2	2.1	7.0	70.9	18.8
				1.5	21.3	2.4	8.0	88.4	23.4
				2.0	28.4	2.6	8.5	103.4	27.4
				2.5	35.6	2.9	9.5	116.8	30.9

P= Pressure; Q= Discharge; D = Diameter

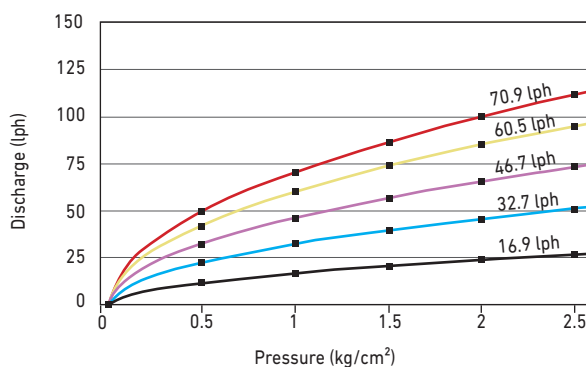
Note: Tested under standard test conditions with nozzle positioned at 20 cm above ground.

All pressures are measured at nozzle discharge.

Acu-Mister Assembly



Performance Graph



Ordering Specifications

XX	
Nozzle no.	
AM	30 - Black nozzle
	40 - Blue nozzle
	45 - Violet nozzle
	55 - Yellow nozzle
	60 - Red nozzle

Example: DAM-60 - This code represents Acu-Mister with nozzle no. 60, red coloured nozzle.