Low Pressure AirMix® Nozzle

AirMix® Low Pressure Nozzle (AM)

AM11001
AM110015
AM11002
AM110025
AM11003
AM11004
AM11005
AM11006

Acid Resistant AirMix® Nozzle (AMCQ)

AMCQ110015
AMCQ11002
AMCQ11003
AMCQ11004
AMCQ11005
AMCQ11006

AirMix® Off Center Nozzle (AMOC)

AMOC02
AMOC025
AMOC03
AMOC04
AMOC05

AirMix® DualFan Nozzle (AMDF)

AMDF02
AMDF025
AMDF03
AMDF035
AMDF04
AMDF045
AMDF05
AMDF055
AMDF06
AMDF07
AMDF08
AMDF09
AMDF10
AMDF11
AMDF12

The AirMix® Nozzle is a compact, two piece air injection nozzle that fits in a standard cap, and can be cleaned without tools. The AirMix® utilizes a unique air cleaning system to prevent nozzle plugging. Please target 40 psi when selecting nozzle size, to allow for changes in speed. Higher pressures are recommended for penetrating dense canopies and for coverage critical contact chemicals. Sizes 03-06 may be used with PWM systems.

Pressure Range: 15-90 psi **Suggested Spray Height:** 16-36" (on 20" centers)

Materials of Construction: Polyacetyl, or Polypropylene with EPDM (AMCQ)

COMPLETE NOZZLE PART # (Strainer Size)	LIQUID PRESSURE PSI	DROPLET SIZE ASABE	NOZZLE CAPACITY GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING									
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
AM11001	15	C	0.06	4.5	3.6	3.0	2.3	1.8	1.5	1.3	1.1	1.0	0.9
	20	C	0.07	5.2	4.2	3.5	2.6	2.1	1.7	1.5	1.3	1.2	1.0
	30	M	0.09	6.4	5.1	4.3	3.2	2.6	2.1	1.8	1.6	1.4	1.3
	40	M	0.10	7.4	5.9	4.9	3.7	3.0	2.5	2.1	1.9	1.6	1.5
	50	F	0.11	8.3	6.6	5.5	4.1	3.3	2.8	2.4	2.1	1.8	1.7
	60	F	0.12	9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8
	70	F	0.13	9.8	7.9	6.5	4.9	3.9	3.3	2.8	2.5	2.2	2.0
	80	F	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1
(use 50 mesh)	90	F	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2
AM110015	15	C	0.09	6.8	5.5	4.5	3.4	2.7	2.3	1.9	1.7	1.5	1.4
	20	C	0.11	7.9	6.3	5.2	3.9	3.1	2.6	2.2	2.0	1.7	1.6
	30	M	0.13	9.6	7.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9
	40	M	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2
	50	F	0.17	12.4	10.0	8.3	6.2	5.0	4.1	3.6	3.1	2.8	2.5
	60	F	0.18	13.6	10.9	9.1	6.8	5.5	4.5	3.9	3.4	3.0	2.7
	70	F	0.20	14.7	11.8	9.8	7.4	5.9	4.9	4.2	3.7	3.3	2.9
	80	F	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1
(use 50 mesh)	90	F	0.22	16.7	13.4	11.1	8.3	6.7	5.6	4.8	4.2	3.7	3.3
AM11002	15	C	0.12	9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8
	20	C	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1
	30	C	0.17	12.9	10.3	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6
	40	M	0.20	14.8	11.9	9.9	7.4	5.9	4.9	4.2	3.7	3.3	3.0
	50	M	0.22	16.6	13.3	11.1	8.3	6.6	5.5	4.7	4.1	3.7	3.3
	60	F	0.24	18.2	14.5	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6
	70	F	0.26	19.6	15.7	13.1	9.8	7.9	6.5	5.6	4.9	4.4	3.9
	80	F	0.28	21.0	16.8	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2
(use 50 mesh)	90	F	0.30	22.3	17.8	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5
AM110025	15	VC	0.15	11.4	9.1	7.6	5.7	4.5	3.8	3.2	2.8	2.5	2.3
	20	C	0.18	13.1	10.5	8.7	6.6	5.2	4.4	3.7	3.3	2.9	2.6
	30	C	0.22	16.1	12.9	10.7	8.0	6.4	5.4	4.6	4.0	3.6	3.2
	40	C	0.25	18.5	14.8	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7
	50	M	0.28	20.7	16.6	13.8	10.4	8.3	6.9	5.9	5.2	4.6	4.1
	60	M	0.31	22.7	18.2	15.1	11.4	9.1	7.6	6.5	5.7	5.0	4.5
	70	M	0.33	24.5	19.6	16.4	12.3	9.8	8.2	7.0	6.1	5.5	4.9
	80	M	0.35	26.2	21.0	17.5	13.1	10.5	8.7	7.5	6.6	5.8	5.2
(use 50 mesh)	90	F	0.37	27.8	22.3	18.5	13.9	11.1	9.3	7.9	7.0	6.2	5.6
AM11003	15	XC	0.18	13.6	10.9	9.1	6.8	5.5	4.5	3.9	3.4	3.0	2.7
	20	VC	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1
	30	VC	0.26	19.3	15.4	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9
	40	C	0.30	22.3	17.8	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5
	50	C	0.34	24.9	19.9	16.6	12.4	10.0	8.3	7.1	6.2	5.5	5.0
	60	M	0.37	27.3	21.8	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5
	70	M	0.40	29.4	23.6	19.6	14.7	11.8	9.8	8.4	7.4	6.5	5.9
	80	M	0.42	31.5	25.2	21.0	15.7	12.6	10.5	9.0	7.9	7.0	6.3
(use 50 mesh)	90	M	0.45	33.4	26.7	22.3	16.7	13.4	11.1	9.5	8.3	7.4	6.7
AM11004	15	XC	0.24	18.2	14.5	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6
	20	VC	0.28	21.0	16.8	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2
	30	VC	0.35	25.7	20.6	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1
	40	C	0.40	29.7	23.7	19.8	14.8	11.9	9.9	8.5	7.4	6.6	5.9
	50	C	0.45	33.2	26.5	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6
	60	M	0.49	36.3	29.1	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3
	70	M	0.53	39.3	31.4	26.2	19.6	15.7	13.1	11.2	9.8	8.7	7.9
	80	M	0.57	42.0	33.6	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4
(use 24 mesh)	90	M	0.60	44.5	35.6	29.7	22.3	17.8	14.8	12.7	11.1	9.9	8.9
AM11005	15	XC	0.31	22.7	18.2	15.2	11.4	9.1	7.6	6.5	5.7	5.1	4.5
	20	XC	0.35	26.3	21.0	17.5	13.1	10.5	8.8	7.5	6.6	5.8	5.3
	30	VC	0.43	32.2	25.7	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4
	40	C	0.50	37.1	29.7	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4
	50	C	0.56	41.5	33.2	27.7	20.8	16.6	13.8	11.9	10.4	9.2	8.3
	60	C	0.61	45.5	36.4	30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1
	70	M	0.66	49.1	39.3	32.8	24.6	19.7	16.4	14.0	12.3	10.9	9.8
	80	M	0.71	52.5	42.0	35.0	26.3	21.0	17.5	15.0	13.1	11.7	10.5
(use 24 mesh)	90	M	0.75	55.7	44.6	37.1	27.9	22.3	18.6	15.9	13.9	12.4	11.1
AM11006	15	XC	0.37	27.3	21.8	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5
	20	XC	0.42	31.5	25.2	21.0	15.8	12.6	10.5	9.0	7.9	7.0	6.3
	30	VC	0.52	38.6	30.9	25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7
	40	C	0.60	44.6	35.7	29.7	22.3	17.8	14.9	12.7	11.1	9.9	8.9
	50	C	0.67	49.8	39.9	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0
	60	C	0.74	54.6	43.7	36.4	27.3	21.8	18.2	15.6	13.6	12.1	10.9
	70	M	0.79	59.0	47.2	39.3	29.5	23.6	19.7	16.8	14.7	13.1	11.8
	80	M	0.85	63.0	50.4	42.0	31.5	25.2	21.0	18.0	15.8	14.0	12.6
(use 24 mesh)	90	M	0.90	66.8	53.5	44.6	33.4	26.7	22.3	19.1	16.7	14.9	13.4

** Table based on spraying water at 70°F. Flow rates may vary +/- 5%.*

*For alternate nozzle spacings, use the following formula: $\frac{\text{20" spacing}}{\text{New nozzle spacing}}$ X Given GPA rate for 20" spacing = New GPA rate