



Quick-Connect Nozzle Basics

Spray nozzles are identified by the nozzle "number", a four or five digit number stamped on the nozzle indicating spray angle and orifice size. The first two digits of the nozzle number indicate the spray angle in degrees.

Example: 00 is 0°, 15 is 15°, and 40 is 40°.

The last two digits of the nozzle number indicate the orifice size, a standard industry designation.

Example: 06 is 6.0 orifice, 55 is 5.5 orifice.

These numbers correspond to their actual dimensions, giving the size of the orifice. They do not, however, directly indicate gallons per minute, flow rates, or inches in diameter of the orifice.

How to Use the Quick-Connect Nozzle Selection Chart

1. Use the *Nozzle Orifice Chart by Model Number*, pages 70 and 71, to determine correct orifice size for the nozzle on a pressure washer.
2. Next, use the *Quick-Connect Nozzle Selection Chart*, shown right, to determine the correct style, part number, and price for the nozzle you need.

Nozzle Volume (GPM) at Various Pressures (PSI)

A commonly used standard for nozzle size is the "nozzle number" which is equivalent to the nozzle capacity in GPM at 4000 PSI. Spray angle does not affect nozzle volume.

Quick-Connect Nozzle Selection Chart

Orifice Size	Spray Angle	Nozzle Number	Part Number**	List Price
3.0	0°	0003	AW-3018-0302	\$30.15
3.0	15°	1503	AW-3018-0150	\$30.15
3.0	25°	2503	AW-3018-0303	\$30.15
3.0	40°	4003	AW-3018-0304	\$30.15
3.0	*	—	AW-4003-0000	\$21.20
3.5	0°	0035	AW-3018-0257	\$30.15
3.5	15°	15035	AW-3018-0258	\$30.15
3.5	25°	25035	AW-3018-0259	\$30.15
3.5	40°	40035	AW-3018-0260	\$30.15
3.5	*	—	AW-4035-0000	\$21.20
4.0	0°	0004	AW-3018-0028	\$30.15
4.0	15°	1504	AW-3018-0029	\$30.15
4.0	25°	2504	AW-3018-0030	\$30.15
4.0	40°	4004	AW-3018-0031	\$30.15
4.0	*	—	AW-4004-0000	\$21.20
4.5	0°	0045	AW-3018-0033	\$30.15
4.5	15°	15045	AW-3018-0039	\$30.15
4.5	25°	25045	AW-3018-0060	\$30.15
4.5	40°	40045	AW-3018-0065	\$30.15
4.5	*	—	AW-4045-0000	\$21.20
5.0	0°	0005	AW-3018-0003	\$30.15
5.0	15°	1505	AW-3018-0004	\$30.15
5.0	25°	2505	AW-3018-0153	\$30.15
5.0	40°	4005	AW-3018-0180	\$30.15
5.0	*	—	AW-4005-0000	\$21.20
5.5	0°	0055	AW-3018-0035	\$30.15
5.5	15°	15055	AW-3018-0041	\$30.15
5.5	25°	25055	AW-3018-0062	\$30.15
5.5	40°	40055	AW-3018-0132	\$30.15
5.5	*	—	AW-4055-0000	\$21.20
6.0	0°	0006	AW-3018-0013	\$30.15
6.0	15°	1506	AW-3018-0014	\$30.15
6.0	25°	2506	AW-3018-0043	\$30.15
6.0	40°	4006	AW-3018-0044	\$30.15
6.0	*	—	AW-4006-0000	\$21.20
6.5	0°	0065	AW-3018-0328	\$30.15
6.5	15°	15065	AW-3018-0329	\$30.15
6.5	25°	25065	AW-3018-0330	\$30.15
6.5	40°	40065	AW-3018-0331	\$30.15
6.5	*	—	AW-4065-0000	\$21.20
7.0	0°	0007	AW-3018-0007	\$30.15
7.0	15°	1507	AW-3018-0008	\$30.15
7.0	25°	2507	AW-3018-0009	\$30.15
7.0	40°	4007	AW-3018-0032	\$30.15
7.0	*	—	AW-4007-0000	\$21.20

*Includes one (1) of each: 0°, 15°, 25°, and 40° nozzles.

**All part numbers beginning with AW-3018 include three (3) nozzles of the same degree.

Nozzle Size #	Orifice (diam.)	40 PSI	100 PSI	250 PSI	500 PSI	600 PSI	700 PSI	800 PSI	1000 PSI	1250 PSI	1500 PSI	2000 PSI	2500 PSI	3000 PSI	3500 PSI	4000 PSI	5000 PSI
2.0	0.034	0.20	0.32	0.50	0.71	0.77	0.80	0.89	1.00	1.10	1.20	1.40	1.60	1.70	1.90	2.00	2.24
2.5	0.039	0.25	0.40	0.63	0.88	0.97	1.05	1.12	1.25	1.37	1.53	1.77	1.98	2.17	2.34	2.50	2.80
3.0	0.043	0.30	0.47	0.75	1.06	1.16	1.25	1.34	1.50	1.64	1.84	2.12	2.37	2.60	2.81	3.00	3.35
3.5	0.048	0.35	0.55	0.88	1.24	1.36	1.46	1.57	1.75	1.92	2.14	2.47	2.77	3.03	3.27	3.50	3.91
4.0	0.052	0.40	0.63	1.00	1.40	1.60	1.70	1.80	2.00	2.20	2.50	2.80	3.10	3.50	3.80	4.00	4.47
4.5	0.055	0.45	0.71	1.10	1.50	1.70	1.90	2.00	2.20	2.40	2.80	3.00	3.60	3.90	4.30	4.50	5.03
5.0	0.057	0.50	0.79	1.30	1.80	1.90	2.10	2.20	2.50	2.80	3.10	3.60	4.00	4.40	4.70	5.00	5.59
5.5	0.060	0.55	0.87	1.40	1.90	2.10	2.30	2.50	2.80	3.00	3.40	3.80	4.40	4.80	5.20	5.50	6.15
6.0	0.062	0.60	0.95	1.50	2.10	2.30	2.50	2.70	3.00	3.20	3.70	4.20	4.80	5.20	5.60	6.00	6.71
6.5	0.064	0.65	1.00	1.70	2.30	2.50	2.70	2.90	3.30	3.60	4.00	4.60	5.20	5.70	6.00	6.50	7.27
7.0	0.067	0.70	1.10	1.80	2.50	2.70	2.90	3.10	3.50	3.80	4.30	5.00	5.60	6.10	6.60	7.00	7.83
7.5	0.070	0.75	1.20	1.90	2.70	2.90	3.20	3.40	3.80	4.10	4.60	5.30	6.00	6.50	7.00	7.50	8.39
8.0	0.072	0.80	1.30	2.00	2.80	3.10	3.40	3.60	4.00	4.40	5.00	5.60	6.20	7.00	7.50	8.00	8.94
8.5	0.074	0.85	1.30	2.20	3.00	3.30	3.60	3.80	4.30	4.60	5.30	6.00	6.70	7.40	8.00	8.50	9.50
9.0	0.076	0.90	1.40	2.30	3.20	3.50	3.80	4.00	4.50	5.00	5.50	6.40	7.10	7.80	8.50	9.00	10.06
9.5	0.078	0.95	1.50	2.40	3.40	3.70	4.00	4.30	4.80	5.20	5.80	6.80	7.60	8.30	9.00	9.50	10.62
10.0	0.080	1.00	1.60	2.50	3.50	3.90	4.20	4.50	5.00	5.40	6.10	7.00	8.00	8.70	9.40	10.00	11.18
12.0	0.087	1.20	1.90	3.00	4.20	4.60	5.00	5.40	6.00	6.40	7.30	8.40	9.50	10.40	11.20	12.00	13.42
15.0	0.094	1.50	2.40	3.80	5.30	5.80	6.40	6.80	7.50	8.20	9.20	10.60	12.00	12.90	14.00	15.00	16.77
20.0	0.109	2.00	3.20	5.00	7.10	7.80	8.40	9.00	10.00	10.80	12.20	14.20	16.00	17.40	18.80	20.00	22.36
30.0	0.141	3.00	4.70	7.50	10.60	11.60	12.80	13.60	15.00	16.40	18.40	21.20	24.00	26.00	28.00	30.00	33.54
40.0	0.156	4.00	6.30	10.00	14.20	15.60	16.80	18.00	20.00	21.60	24.40	28.40	32.00	34.80	37.60	40.00	44.72