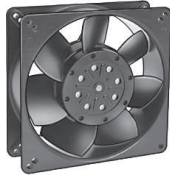


Equipment Cooling Fans

AC and DC Equipment Cooling Fans



Square Fan



Round Fan



Oblong Fan

Compact and ready to install, these fans are a popular choice for cooling heat-sensitive equipment such as computers, electronic equipment, electrical controls and components, and instrumentation. Also known as muffin fans. Mounting hardware not included. For fan guards, filters, power cords, and thermostat for these fans, see the following page.

AC fans have a single-phase motor and operate on 50/60 Hz except 1976K27, which operates on 60 Hz. UL recognized and CSA certified. Frames are aluminum and blades are steel, unless noted.

DC fans are UL recognized except 1939K88. *Square fans* have plastic frames and blades, unless noted. *Round fans* have aluminum frames and plastic blades, unless noted.

AC Fans

Fan Size	Fan Depth	Mounting Holes		Connections	cfm	115 VAC		230 VAC			
		Ctr.-to-Ctr.	Size (Qty.)			Amps	Each	Amps	Each		
Square											
3.15" (80 mm) sq.	1"	2.81"	0.17" (4)	12" Leads (2)	23	0.17	1976K91★	\$21.79	0.08	1976K92★Δ	\$22.82
3.15" (80 mm) sq.	1.5"	2.81"	0.17" (4)	12" Leads (2)	21	0.07	1976K67	24.32	0.04	1976K68	24.32
3.15" (80 mm) sq.	1.5"	2.81"	0.17" (4)	12" Leads (2)	36	0.10	1976K37	27.44	0.05	1976K32	27.44
3.62" (92 mm) sq.	1"	3.25"	0.18" (4)	12" Leads (2)	36	0.20	1976K93★	22.56	0.09	1976K94★	23.59
3.62" (92 mm) sq.	1.5"	3.17"	0.17" (4)	12" Leads (2)	45	0.12	1976K71★	23.72	0.12	1976K72★	24.74
3.62" (92 mm) sq.	1.5"	3.25"	0.17" (4)	12" Leads (2)	52	0.10	1976K14	39.70	0.05	1976K12	41.35
4.69" (119 mm) sq.	1"	4.13"	0.17" (4)	QD Terminals	59	0.07	1976K11★	43.05	0.04	1976K13★	45.73
4.69" (119 mm) sq.	1"	4.13"	0.17" (4)	QD Terminals	79	0.10	1976K18★	37.12	0.05	1976K16★	37.34
4.69" (119 mm) sq.	1"	4.13"	0.18" (4)	12" Leads (2)	80	0.18	1976K95★	23.08	0.11	1976K96★	24.10
4.69" (119 mm) sq.	1.5"	4.13"	0.17" (4)	QD Terminals	56	0.09	1976K41	22.93	0.04	1976K44	22.93
4.69" (119 mm) sq.	1.5"	4.13"	0.17" (4)	QD Terminals	71	0.10	1976K42	22.93	0.05	1976K45	22.93
4.69" (119 mm) sq.	1.5"	4.13"	0.17" (4)	QD Terminals	106	0.16	1976K43	22.93	0.08	1976K46	22.93
5" (127 mm) sq.	1.5"	4.46"	0.18" (4)	QD Terminals	106	0.14	1976K47★	47.86	0.07	1976K61★	47.86
5" (127 mm) sq.	1.5"	4.46"	0.18" (4)	QD Terminals	121	0.15	1976K48★	47.86	0.09	1976K62★♦	42.40
5.31" (135 mm) sq.	1.5"	4.46"	0.17" (4)	QD Terminals	159	0.23	1976K15	75.02	0.11	1976K17	78.21
8.86" (225 mm) sq.	3.15"	9.45"	0.18" (4)	Screw Terminals	500	0.52	1976K23	131.43	0.26	1976K26	134.27
8.86" (225 mm) sq.	3.15"	9.45"	0.18" (4)	Screw Terminals	607	0.70	1976K81	136.86	0.35	1976K82	136.86
11.02" (280 mm) sq.	3.15"	8.125"	0.21" (4)	Screw Terminals	1100	1.52	1976K27	226.30	0.87	1976K29	226.30
Round											
5.91" (150 mm) dia.	2.17"	6.38"	0.18" (2)	QD Terminals	225	0.33	1976K77	52.98	0.17	1976K78	52.98
5.91" (150 mm) dia.	2.17"	6.38"	0.17" (2)	13" Leads (2)	250	0.40	1976K35	61.74	0.20	1976K28	64.31
6.75" (172 mm) dia.	2"	6.38"	0.18" (4)	QD Terminals	295	0.25	1976K19	101.26	0.13	1976K21	101.26
10" (254 mm) dia.	3.5"	6.85"	0.18" (8)	QD Terminals	550	0.50	1976K98★	59.65	0.25	1976K99★	59.65
Oblong											
5.91" Ht. x 6.75" Wd. ▲	1.5"	6.38"	0.17" (2)	QD Terminals	175	0.14	1976K63	79.30	0.07	1976K65	79.30
5.91" Ht. x 6.75" Wd. ▲	1.5"	6.38"	0.17" (2)	QD Terminals	230	0.21	1976K64	76.25	0.10	1976K66	76.25
5.91" Ht. x 6.75" Wd. ▲	2"	6.38"	0.17" (4)	QD Terminals	235	0.26	1976K88★	55.36	0.14	1976K89★	66.52

■ QD=Quick-Disconnect. ★ Blades are plastic. Δ cfm is 18. ♦ cfm is 106. ● Includes fan guard. ▲ 150 mm x 172 mm.

DC Fans

Fan Size	Fan Depth	Mounting Holes		Connections	cfm	12 VDC		24 VDC			
		Ctr.-to-Ctr.	Size (Qty.)			Amps	Each	Amps	Each		
Square											
0.98" (25 mm) sq.	0.39"	0.79"●	0.11" (4)	12" Leads (2)	1.5	0.05	1939K18	\$23.56			
1.57" (40 mm) sq.	0.39"	1.26"	0.14" (4)	12" Leads (2)	3.5	0.05	1939K17	13.50			
1.57" (40 mm) sq.	0.39"	1.26"	0.14" (4)	12" Leads (2)	5.4	0.08	1939K41	20.45	0.06	1939K43♥	\$20.45
1.57" (40 mm) sq.	0.79"	1.26"	0.14" (4)	12" Leads (2)	5.4	0.09	1939K44	20.45	0.07	1939K45	20.45
1.57" (40 mm) sq.	0.79"	1.26"	0.17" (4)	12" Leads (2)	8	0.13	1939K39	19.16	0.03	1939K22	19.36
1.97" (50 mm) sq.	0.59"	1.65"	0.15" (4)	12" Leads (2)	12	0.08	1939K46	18.12	0.04	1939K42	20.42
2.36" (60 mm) sq.	1"	1.97"	0.17" (4)	12" Leads (2)	12.7	0.09	1939K58	22.62	0.08	1939K59	22.62
2.36" (60 mm) sq.	1"	1.97"	0.15" (4)	12" Leads (2)	18	0.11	1939K31	29.75	0.06	1939K32	29.75
2.36" (60 mm) sq.	1"	1.97"	0.17" (4)	12" Leads (2)	20	0.13	1939K56	25.68	0.12	1939K57§	25.68
2.36" (60 mm) sq.	1"	1.97"	0.15" (4)	12" Leads (2)	24	0.21	1939K48	35.00	0.10	1939K47◇	36.06
3.15" (80 mm) sq.	1"	2.81"	0.17" (4)	12" Leads (2)	27	0.08	1939K33	23.70	0.04	1939K34	23.70
3.15" (80 mm) sq.	1.25"	2.81"	0.17" (4)	12" Leads (2)	19	0.08	1939K11	25.08	0.04	1939K12	25.62
3.15" (80 mm) sq.	1.25"	2.81"	0.17" (4)	12" Leads (2)	32	0.18	1939K13	25.08	0.10	1939K14	25.62
3.15" (80 mm) sq.	1.5"	2.81"	0.17" (4)	12" Leads (2)	35	0.3	1939K15▲	31.47	0.13	1939K16▲	34.15
3.15" (80 mm) sq.	1"	2.81"	0.17" (4)	12" Leads (2)	41	0.17	1939K55	23.19	0.08	1939K49	23.86
3.15" (80 mm) sq.	1"	2.81"	0.17" (4)	12" Leads (2)	47	0.23	1939K65	28.69	0.12	1939K66	29.51
3.62" (92 mm) sq.	1"	3.25"	0.17" (4)	12" Leads (2)	49	0.18	1939K35	25.06	0.10	1939K36	25.06
3.62" (92 mm) sq.	1.25"	3.25"	0.17" (4)	12" Leads (2)	47	0.20	1939K61	29.85	0.13	1939K62	29.85
3.62" (92 mm) sq.	1"	3.25"	0.17" (4)	12" Leads (2)	60	0.27	1939K67	30.08	0.13	1939K68	31.49
4.69" (119 mm) sq.	1"	4.13"	0.18" (4)	12" Leads (2)	61	0.11	1939K37	30.25	0.07	1939K38	30.25
4.69" (119 mm) sq.	1"	4.13"	0.17" (4)	12" Leads (2)	82	0.27	1939K28	33.76	0.13	1939K29	33.76
4.69" (119 mm) sq.	1.5"	4.13"	0.17" (4)	12" Leads (2)	74.7	0.21	1939K23	43.83	0.09	1939K24★▲	47.62
4.69" (119 mm) sq.	1.5"	4.13"	0.18" (4)	QD Terminals	100	0.29	1939K25▲	35.13	0.14	1939K26▲	38.96
4.69" (119 mm) sq.	1.5"	4.13"	0.18" (4)	Screw Terminals	100				0.1	1939K27▲♣	42.02
5" (127 mm) sq.	1.5"	4.46"	0.19" (4)	QD Terminals	130	0.49	1939K71▲	52.45	0.24	1939K72▲	52.45
5" (127 mm) sq.	1.5"	4.46"	0.19" (4)	11" Leads (2)	148	0.82	1939K77	74.52	0.41	1939K69	77.80
Round											
5.91" (150 mm) dia.	2.17"	6.38"	0.17" (2)	13" Leads (2)	203	1.17	1939K73▲	94.36	0.58	1939K74▲	94.36
5.91" (150 mm) dia.	1.5"	6.38"	0.17" (2)	14" Leads (2)	212	1.00	1939K79▲	99.74	0.50	1939K78▲	104.44
5.91" (150 mm) dia.	1.5"	6.38"	0.17" (2)	14" Leads (2)	247				0.79	1939K82	111.18
6.75" (172 mm) dia.	2"	6.38"	0.17" (4)	QD Terminals	206	1.00	1939K81	99.81	0.50	1939K83	99.81
6.75" (172 mm) dia.	2"	6.38"	0.17" (4)	QD Terminals	283				1.08	1939K84	106.73
7.87" (200 mm) dia.	2.76"	5.79"	0.17" (4)	14" Leads (2)	377				1.50	1939K85	202.11
7.87" (200 mm) dia.	2.76"	5.79"	0.17" (4)	14" Leads (2)	506				3.33	1939K86	277.24
8.86" (225 mm) dia.	3.15"	9.45"	0.18" (4)	Screw Terminals	588				1.88	1939K87▲	312.56
10.24" (260 mm) dia.	3.15"	9.45"	0.18" (4)	QD Terminals	618				4.00	1939K88	344.44
11.02" (280 mm) dia.	3.15"	11.61"	0.21" (4)	Screw Terminals	1089				3.96	1939K89▲	286.76

■ QD=Quick-Disconnect. ● Fan guard mounts diagonally on 1.11" mounting centers. ♥ cfm is 5.0. § cfm is 25. ◇ cfm is 23.5. ▲ Frame is aluminum; blades are steel. ✓ cfm is 50. ☆ cfm is 70. Has QD terminal connections. ♣ Operates on 48 VDC.