

# Equipment Cooling Fans

## AC and DC Equipment Cooling Fans



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

AC Fans											
Fan Size	Fan Depth	Mounting Holes		Connections	cfm	115 VAC		230 VAC			
		Ctr.-to-Ctr.	Size (Qty.)	(Qty.)		Amps	Each	Amps	Each		
<b>Square</b>											
3.15" (80 mm) sq.	1"	2.81"	0.17" (4)	12" Leads (2)	23	0.17	<b>1976K91</b> ★	\$21.79	0.08	<b>1976K92</b> ★Δ	\$22.82
3.15" (80 mm) sq.	1.5"	2.81"	0.17" (4)	12" Leads (2)	21	0.07	<b>1976K67</b>	24.32	0.04	<b>1976K68</b>	24.32
3.15" (80 mm) sq.	1.5"	2.81"	0.17" (4)	12" Leads (2)	36	0.10	<b>1976K37</b>	27.44	0.05	<b>1976K32</b>	27.44
3.62" (92 mm) sq.	1"	3.25"	0.18" (4)	12" Leads (2)	36	0.20	<b>1976K93</b> ★	22.56	0.09	<b>1976K94</b> ★	23.59
3.62" (92 mm) sq.	1.5"	3.17"	0.17" (4)	12" Leads (2)	45	0.12	<b>1976K71</b> ★	23.72	0.12	<b>1976K72</b> ★	24.74
3.62" (92 mm) sq.	1.5"	3.25"	0.17" (4)	12" Leads (2)	52	0.10	<b>1976K14</b>	39.70	0.05	<b>1976K12</b>	41.35
4.69" (119 mm) sq.	1"	4.13"	0.17" (4)	QD Terminals	59	0.07	<b>1976K11</b> ★	43.05	0.04	<b>1976K13</b> ★	45.73
4.69" (119 mm) sq.	1"	4.13"	0.17" (4)	QD Terminals	79	0.10	<b>1976K18</b> ★	37.12	0.05	<b>1976K16</b> ★	37.34
4.69" (119 mm) sq.	1"	4.13"	0.18" (4)	12" Leads (2)	80	0.18	<b>1976K95</b> ★	23.08	0.11	<b>1976K96</b> ★	24.10
4.69" (119 mm) sq.	1.5"	4.13"	0.17" (4)	QD Terminals	56	0.09	<b>1976K41</b>	22.06	0.04	<b>1976K44</b>	22.06
4.69" (119 mm) sq.	1.5"	4.13"	0.17" (4)	QD Terminals	71	0.10	<b>1976K42</b>	22.06	0.05	<b>1976K45</b>	22.06
4.69" (119 mm) sq.	1.5"	4.13"	0.17" (4)	QD Terminals	106	0.16	<b>1976K43</b>	22.06	0.08	<b>1976K46</b>	22.06
5" (127 mm) sq.	1.5"	4.46"	0.18" (4)	QD Terminals	106	0.14	<b>1976K47</b> ★	45.12	0.07	<b>1976K61</b> ★	45.12
5" (127 mm) sq.	1.5"	4.46"	0.18" (4)	QD Terminals	121	0.15	<b>1976K48</b> ★	45.12	0.09	<b>1976K62</b> ★♦	42.40
5.31" (135 mm) sq.	1.5"	4.46"	0.17" (4)	QD Terminals	159	0.23	<b>1976K15</b>	75.02	0.11	<b>1976K17</b>	78.21
8.86" (225 mm) sq.	3.15"	9.45"	0.18" (4)	Screw Terminals	500	0.52	<b>1976K23</b>	131.43	0.26	<b>1976K26</b> ★	134.27
8.86" (225 mm) sq.	3.15"	9.45"	0.18" (4)	Screw Terminals	607	0.70	<b>1976K81</b> ★	136.86	0.35	<b>1976K82</b> ★	136.86
11.02" (280 mm) sq.	3.15"	11.61"	0.21" (4)	Screw Terminals	1100	1.52	<b>1976K27</b>	226.30	0.87	<b>1976K29</b>	226.30
<b>Round</b>											
5.91" (150 mm) dia.	2.17"	6.38"	0.18" (2)	QD Terminals	225	0.33	<b>1976K77</b>	52.98	0.17	<b>1976K78</b>	52.98
5.91" (150 mm) dia.	2.17"	6.38"	0.17" (2)	13" Leads (2)	250	0.40	<b>1976K35</b>	61.74	0.20	<b>1976K28</b>	64.31
6.75" (172 mm) dia.	2"	6.38"	0.18" (4)	QD Terminals	295	0.25	<b>1976K19</b>	101.26	0.13	<b>1976K21</b>	101.26
10" (254 mm) dia.	3.5"	6.85"	0.18" (8)	QD Terminals	550	0.50	<b>1976K98</b> ★	59.65	0.25	<b>1976K99</b> ★	59.65
<b>Oblong</b>											
5.91" Ht. x 6.75" Wd. ▲	1.5"	6.38"	0.17" (2)	QD Terminals	175	0.14	<b>1976K63</b>	76.25	0.07	<b>1976K65</b>	76.25
5.91" Ht. x 6.75" Wd. ▲	1.5"	6.38"	0.17" (2)	QD Terminals	230	0.21	<b>1976K64</b>	76.25	0.10	<b>1976K66</b>	76.25
5.91" Ht. x 6.75" Wd. ▲	2"	6.38"	0.17" (4)	QD Terminals	235	0.26	<b>1976K88</b> ★	55.36	0.14	<b>1976K89</b> ★	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.)	(Qty.)		Amps	Each	Amps	Each		
<b>Square</b>											
0.98" (25 mm) sq.	0.39"	0.79"●	0.11" (4)	12" Leads (2)	1.5	0.05	<b>1939K18</b>	\$23.56			
1.57" (40 mm) sq.	0.39"	1.26"	0.14" (4)	12" Leads (2)	3.5	0.05	<b>1939K17</b>	13.50			
1.57" (40 mm) sq.	0.39"	1.26"	0.14" (4)	12" Leads (2)	5.4	0.08	<b>1939K41</b>	20.45	0.06	<b>1939K43</b> ♥	\$20.45
1.57" (40 mm) sq.	0.79"	1.26"	0.14" (4)	12" Leads (2)	5.4	0.09	<b>1939K44</b>	20.45	0.07	<b>1939K45</b>	20.45
1.57" (40 mm) sq.	0.79"	1.26"	0.17" (4)	12" Leads (2)	8	0.13	<b>1939K39</b>	18.16	0.03	<b>1939K22</b>	19.36
1.97" (50 mm) sq.	0.59"	1.65"	0.15" (4)	12" Leads (2)	12	0.08	<b>1939K46</b>	19.82	0.04	<b>1939K42</b>	20.42
2.36" (60 mm) sq.	1"	1.97"	0.17" (4)	12" Leads (2)	12.7	0.09	<b>1939K58</b>	22.62	0.08	<b>1939K59</b>	22.62
2.36" (60 mm) sq.	1"	1.97"	0.15" (4)	12" Leads (2)	18	0.11	<b>1939K31</b>	26.16	0.06	<b>1939K32</b>	26.16
2.36" (60 mm) sq.	1"	1.97"	0.17" (4)	12" Leads (2)	20	0.13	<b>1939K56</b>	25.68	0.10	<b>1939K57</b> §	25.68
2.36" (60 mm) sq.	1"	1.97"	0.15" (4)	12" Leads (2)	24	0.21	<b>1939K48</b>	35.00	0.12	<b>1939K47</b>	36.06
3.15" (80 mm) sq.	1"	2.81"	0.17" (4)	12" Leads (2)	27	0.08	<b>1939K33</b>	23.70	0.04	<b>1939K34</b>	23.70
3.15" (80 mm) sq.	1.25"	2.81"	0.17" (4)	12" Leads (2)	19	0.08	<b>1939K11</b>	25.08	0.04	<b>1939K12</b>	25.62
3.15" (80 mm) sq.	1.25"	2.81"	0.17" (4)	12" Leads (2)	32	0.18	<b>1939K13</b>	25.08	0.10	<b>1939K14</b>	25.62
3.15" (80 mm) sq.	1.5"	2.81"	0.17" (4)	12" Leads (2)	35	0.3	<b>1939K15</b> ◇	31.47	0.13	<b>1939K16</b> ◇	34.15
3.15" (80 mm) sq.	1"	2.81"	0.17" (4)	12" Leads (2)	41	0.17	<b>1939K55</b>	23.19	0.08	<b>1939K49</b>	23.86
3.15" (80 mm) sq.	1"	2.81"	0.17" (4)	12" Leads (2)	47	0.23	<b>1939K65</b>	28.69	0.12	<b>1939K66</b>	29.51
3.62" (92 mm) sq.	1"	3.25"	0.17" (4)	12" Leads (2)	49	0.18	<b>1939K35</b>	25.06	0.10	<b>1939K36</b>	25.06
3.62" (92 mm) sq.	1.25"	3.25"	0.17" (4)	12" Leads (2)	47	0.20	<b>1939K61</b>	29.85	0.13	<b>1939K62</b> ♣	29.85
3.62" (92 mm) sq.	1"	3.25"	0.17" (4)	12" Leads (2)	60	0.27	<b>1939K67</b>	30.08	0.13	<b>1939K68</b>	31.49
4.69" (119 mm) sq.	1"	4.13"	0.18" (4)	12" Leads (2)	61	0.11	<b>1939K37</b>	30.25	0.07	<b>1939K38</b>	30.25
4.69" (119 mm) sq.	1"	4.13"	0.17" (4)	12" Leads (2)	82	0.27	<b>1939K28</b>	33.76	0.13	<b>1939K29</b>	33.76
4.69" (119 mm) sq.	1.5"	4.13"	0.17" (4)	12" Leads (2)	74.7	0.21	<b>1939K23</b>	43.83	0.09	<b>1939K24</b> ☆▲	45.78
4.69" (119 mm) sq.	1.5"	4.13"	0.18" (4)	QD Terminals	100	0.29	<b>1939K25</b> ▲	33.77	0.14	<b>1939K26</b> ▲	37.45
4.69" (119 mm) sq.	1.5"	4.13"	0.18" (4)	QD Terminals	100				0.08	<b>1939K27</b> ▲♣	40.39
5" (127 mm) sq.	1.5"	4.46"	0.19" (4)	QD Terminals	130	0.49	<b>1939K71</b> ◇	52.45	0.24	<b>1939K72</b> ◇	52.45
5" (127 mm) sq.	1.5"	4.46"	0.19" (4)	11" Leads (2)	148	0.82	<b>1939K77</b>	74.52	0.41	<b>1939K69</b>	77.80
<b>Round</b>											
5.91" (150 mm) dia.	2.17"	6.38"	0.17" (2)	13" Leads (2)	203	1.17	<b>1939K73</b> ◇	94.36	0.58	<b>1939K74</b> ◇	94.36
5.91" (150 mm) dia.	1.5"	6.38"	0.17" (2)	14" Leads (2)	212	1.00	<b>1939K79</b>	99.74	0.50	<b>1939K78</b>	104.44
5.91" (150 mm) dia.	1.5"	6.38"	0.17" (2)	14" Leads (2)	247				0.79	<b>1939K82</b>	111.18
6.75" (172 mm) dia.	2"	6.38"	0.17" (4)	QD Terminals	206	1.00	<b>1939K81</b>	99.81	0.50	<b>1939K83</b>	99.81
6.75" (172 mm) dia.	2"	6.38"	0.17" (4)	QD Terminals	283				1.08	<b>1939K84</b>	106.73
7.87" (200 mm) dia.	2.76"	5.79"	0.17" (4)	14" Leads (2)	377				1.50	<b>1939K85</b>	202.11
7.87" (200 mm) dia.	2.76"	5.79"	0.17" (4)	14" Leads (2)	506				3.33	<b>1939K86</b>	277.24
8.86" (225 mm) dia.	3.15"	9.45"	0.18" (4)	Screw Terminals	588				1.88	<b>1939K87</b> ◇	312.56
10.24" (260 mm) dia.	3.15"	9.45"	0.18" (4)	QD Terminals	618				4.00	<b>1939K88</b>	344.44
11.02" (280 mm) dia.	3.15"	11.61"	0.21" (4)	Screw Terminals	1089				3.96	<b>1939K89</b> ◇	286.76

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