

## Compact DC Fans

Part No.	sleeve	Ball	Voltage	Power	Airflow	Noise Level	Width x Height x Depth			nom speed	Temp range	Tacho signal	RS Part no.	Farnell Part no.
			(Vdc)	Input (W)	(m3/h)	(dBA)	(mm)			(rpm)	(degC)		<a href="#">Click here for other distributors</a>	
<b>25mm micro miniature</b>														
255M	x		5	0.2	2.1	5	25	25	8	6000	-10 to +70			9600710
255N	x		5	0.4	3.2	15	25	25	8	9000	-10 to +70		3642130	9600728
252N	x		12	0.5	3.2	15	25	25	8	9000	-10 to +70		3642118	9600744
252/2N	x		12	0.5	3.2	15	25	25	8	9000	-10 to +70	Yes		9600752
255H	x		5	0.6	4.5	28	25	25	8	12000	-10 to +55		3642124	9600736
<b>40mm miniature</b>														
405F	x		5	0.7	8	22.1	40	40	10	5400	-20 to +70		3642146	9600620
412F	x		12	0.7	8	22.1	40	40	10	5400	-20 to +70		2007750	9601260
414F	x		24	0.8	8	26	40	40	10	5400	-20 to +70		2007788	9601295
405FH	x		5	0.9	9	26	40	40	10	6000	-20 to +70		4577352	
412FH	x		12	0.8	9	26	40	40	10	6000	-20 to +70		2007766	9601279
<b>40mm low noise</b>														
405	x		5	0.9	10	18	40	40	20	6000	-20 to +70		1018541	9600639
412	x		12	0.9	10	18	40	40	20	6000	-20 to +70		2007794	9601287
414	x		24	1.0	10	18	40	40	20	6000	-20 to +70		2058310	9601309
412H	x		12	1.6	13.5	29	40	40	20	8100	-20 to +60		3642152	
414H	x		24	1.6	13.5	29	40	40	20	8100	-20 to +60		4577346	
<b>40mm Ultra high performance</b>														
412J		x	12	2.4	19	39	40	40	25	10300	-20 to +70		250814	1293489
414J		x	24	2.4	19	39	40	40	25	10300	-20 to +70		250836	9600795
412JH		x	12	3.0	22	43	40	40	25	11700	-20 to +70		4577403	9600760
414JH		x	24	3.0	22	43	40	40	25	11700	-20 to +70		4577425	9600809
414J/2H		x	24	3.0	22	43	40	40	25	11700	-20 to +70	Yes		9600817
412JHH		x	12	3.3	24	46	40	40	25	13000	-20 to +60		4577419	9600779

412J/2HH		x	12	3.3	24	46	40	40	25	13000	-20 to +60	Yes		9600787
414JHH		x	24	3.6	24	46	40	40	25	13000	-20 to +60		4577447	9600825
414J/2HH		x	24	3.6	24	46	40	40	25	13000	-20 to +60	Yes		9600833
<b>50mm slimline</b>														
512F	x		12	1.0	20	30	50	50	15	5000	-20 to +70		2991497	9600191
514F	x		24	1.0	20	30	50	50	15	5000	-20 to +70		2991504	9600205
<b>60mm slimline</b>														
612FL	x		12	0.4	19	16	60	60	15	2650	0 to +70		3642174	
612F	x		12	1.0	29	27	60	60	15	3900	-20 to +70		2991510	9600086
614F	x		24	1.1	29	27	60	60	15	3900	-20 to +70		2991526	9600094
612FH	x		12	1.4	33	31	60	60	15	4500	-20 to +60		4577368	
<b>60mm standard</b>														
612L		x	12	0.7	21	26	60	60	25	3000	-20 to +65			9601317
612NGL	x		12	0.7	21	16	60	60	25	2500	-20 to +70		3373036	9600280
614NGL	x		24	1.0	21	16	60	60	25	2500	-20 to +70		3373064	9600329
612NLE		x	12	0.7	21	26	60	60	25	2500	-20 to +70		581537	
614NL		x	24	0.8	21	26	60	60	25	2500	-20 to +70		581543	
612NGML	x		12	0.9	25	19	60	60	25	3000	-20 to +85		3224401	
614NGML	x		24	1.2	25	19	60	60	25	3000	-20 to +70		3246681	
612NGM	x		12	1.3	35	28	60	60	25	4100	-20 to +75		3224417	9600299
614NGM	x		24	1.7	35	28	60	60	25	4100	-20 to +70		3373070	9600337
612NN		x	12	2.5	40	40	60	60	25	5100	-20 to +70		501913	
614NN		x	24	2.5	40	40	60	60	25	5100	-20 to +70		501929	
612NGN	x		12	2.0	42	35	60	60	25	5100	-20 to +70		3373042	9600302
614NGN	x		24	2.1	42	35	60	60	25	5100	-20 to +70		3224445	9600345
612NGH	x		12	2.4	46	38	60	60	25	5600	-20 to +70		3373058	9600310
614NGH	x		24	2.4	46	38	60	60	25	5600	-20 to +70			9600353
612NGHH	x		12	2.9	56	41	60	60	25	6800	-20 to +70		3224423	9600647
614NGHH	x		24	3.6	56	43	60	60	25	6850	-20 to +70		3224467	9600655
<b>60mm high pressure</b>														
622N		x	12	1.9	40	36	60	60	25	6100	-20 to +70		5143017	
622HH		x	12	3.5	56	43	60	60	25	8200	-20 to +70		5142884	
624N		x	24	2.2	40	36	60	60	25	6100	-20 to +70		5142890	
624HH		x	24	3.6	56	43	60	60	25	8200	-20 to +70		5142913	
<b>60mm Ultra high performance</b>														
612JH		x	12	7.7	70	53	60	60	32	11700	-20 to +70		5142929	
614JH		x	24	7.7	70	53	60	60	32	11700	-20 to +70		250921	1372289
<b>70mm slimline</b>														

712F	x		12	1.7	44	38	70	70	15	5300	-20 to +70		4577380	9600841
714F	x		24	1.5	44	38	70	70	15	5300	-20 to +70		4577396	
<b>80mm standard</b>														
8412NGL	x		12	0.6	33	12	80	80	25	1500	-20 to +70		2991396	9600981
8412N/2GL	x		12	0.6	33	12	80	80	25	1500	-20 to +70	Yes		9599983
8414NGL	x		24	0.7	33	12	80	80	25	1500	-20 to +70		2991403	9600990
8414N/2GL	x		24	0.7	33	12	80	80	25	1500	-20 to +70	Yes		9600027
8412NLE		x	12	0.3	33	17	80	80	25	1500	-20 to +70		581559	
8414NL		x	24	0.7	33	17	80	80	25	1500	-20 to +70		581565	
8412NGM	x		12	1.3	58	26	80	80	25	2600	-20 to +70		2000771	9601007
8412N/2GM	x		12	1.3	58	26	80	80	25	2600	-20 to +70	Yes		9599991
8414NGM	x		24	1.4	58	26	80	80	25	2600	-20 to +70		2813763	9601015
8414N/2GM	x		24	1.4	58	26	80	80	25	2600	-20 to +70	Yes		9600035
8412NG	x		12	2.0	69	32	80	80	25	3100	-20 to +70		2005861	9601023
8414NG	x		24	2.0	69	32	80	80	25	3100	-20 to +70		2813779	9601031
8412N/2G	x		12	2.0	69	32	80	80	25	3100	-20 to +70	Yes	2991453	9600000
8414N/2G	x		24	2.0	69	32	80	80	25	3100	-20 to +70	Yes	2991419	9600043
8412N		x	12	2.0	69	32	80	80	25	3100	-20 to +70		1018838	
8414N		x	24	2.0	69	32	80	80	25	3100	-20 to +70		1018894	
8412NGH	x		12	2.8	79	37	80	80	25	3600	-20 to +70		2813757	9601040
8412N/2GH	x		12	2.8	79	37	80	80	25	3600	-20 to +70	Yes		9600019
8414NGH	x		24	2.8	79	37	80	80	25	2600	-20 to +70		2819991	9601058
8414N/2GH	x		24	2.8	79	37	80	80	25	2600	-20 to +70	Yes		9600051
8412NH		x	12	2.2	79	37	80	80	25	3600	-20 to +70		4577453	
8414NH		x	24	2.4	79	37	80	80	25	3600	-20 to +70		3945394	
<b>80mm high pressure</b>														
8312L		x	12	1.0	32	24	80	80	32	2000	-20 to +75			9601333
8314L		x	24	1.0	32	24	80	80	32	2000	-20 to +75			9601341
8312		x	12	2.2	54	36	80	80	32	3300	20 to +75		504883	9599827
8314		x	24	2.5	54	36	80	80	32	3300	-20 to +75		504899	9599835
8318		x	48	2.6	54	36	80	80	32	3300	-20 to +75			9601325
8314H		x	24	6.0	80	48	80	80	32	5000	-20 to +75		4577475	
8318H		x	48	5.8	80	48	80	80	32	5000	-20 to +75		4577481	
<b>80mm Ultra high performance</b>														
8212JN		x	12	10.0	132	55	80	80	38	8400	-20 to +70		5142935	
8214JN		x	24	10.0	132	55	80	80	38	8400	-20 to +70		251003	1372290
<b>92mm standard</b>														
3412NGL	x		12	1.2	61	23	92	92	25	1950	-20 to +80		3373086	9600361

3414NGL	x		24	1.4	61	23	92	92	25	1950	-20 to +70		3373137	9600418
3412NGM	x		12	1.6	72	28	92	92	25	2300	-20 to +75		3373092	9600370
3414NGM	x		24	1.8	72	28	92	92	25	2300	-20 to +70		3373143	9600426
3412NG	x		12	2.2	84	32	92	92	25	2700	-20 to +70		3373109	9600388
3414NG	x		24	2.3	84	32	92	92	25	2700	-20 to +70		3373159	9600434
3412N		x	12	2.2	84	32	92	92	25	2700	-20 to +70		3373115	9600396
3414N		x	24	2.3	84	32	92	92	25	2700	-20 to +70		3373165	9600442
3412N/2		x	12	2.4	84	36	92	92	25	2700	-20 to +70	Yes	2994733	1441627
3414N/2		x	24	2.4	84	36	92	92	25	2700	-20 to +70	Yes	2991481	1441628
3412NGH	x		12	2.5	94	36	92	92	25	3000	-20 to +70		3373121	9600400
3414NGH	x		24	3.0	94	36	92	92	25	3000	-20 to +70		3373171	9600450
3412NHH		x	12	3.2	102	39	92	92	25	3250	-20 to +60		4577497	
3414NHH		x	24	3.2	102	39	92	92	25	3250	-20 to +70		4577504	4723326
<b>92mm high pressure</b>														
3312L		x	12	1.4	56	29	92	92	32	2150	-20 to +75			9601350
3312		x	12	2.4	80	37	92	92	32	3000	-20 to +75		504906	9599851
3314		x	24	2.6	80	37	92	92	32	3000	-20 to +75		504912	9599860
3318		x	48	2.7	80	37	92	92	32	3000	-20 to +75		4684747	
<b>92mm Ultra high performance</b>														
3212JH		x	12	9.0	146	55	92	92	38	6800	-20 to +70		251154	1293490
3214JH		x	24	9.0	146	55	92	92	38	6800	-20 to +70		251075	1293491
<b>119mm slimline</b>														
4412FGL	x		12	1.3	94	26	119	119	25	1600	-20 to +75		4684602	
4412FGM	x		12	3.2	140	38	119	119	25	2400	-20 to +75			9601066
4412FM		x	12	3.2	140	38	119	119	25	2400	-20 to +75		2637856	
4414FM		x	24	3.2	140	38	119	119	25	2400	-20 to +75		2637862	9601074
4412F		x	12	5.3	170	43	119	119	25	2900	-20 to +60		4577510	
4412F/2		x	12	5.3	170	43	119	119	25	2900	-20 to +60	Yes		9600060
4414F		x	24	5.0	170	43	119	119	25	2900	-20 to +60		2637878	9601082
4414F/2		x	24	5.0	170	43	119	119	25	2900	-20 to +60	Yes		9600078
4412FNH		x	12	12.0	225	55	119	119	25	5400	-20 to +70		251019	1293487
4414FNH		x	24	12.0	225	55	119	119	25	5400	-20 to +70		251025	1293488
<b>119mm low noise</b>														
4312NGL	x		12	1.2	93	27	119	119	32	1650	-20 to +70		3966161	
4312L		x	12	1.2	95	30	119	119	32	1550	-20 to +75		581571	9601368
4314L		x	24	1.2	95	39	119	119	32	1550	-20 to +75		581587	9601376
4312M		x	12	2.6	140	39	119	119	32	2300	-20 to +75		581593	9601384
4314M		x	24	2.6	140	39	119	119	32	2300	-20 to +75		581600	9601392

4312NGN	x		12	4.0	166	43	119	119	32	3000	-20 to +70		3966155	
4314NGN	x		24	4.3	166	43	119	119	32	3000	-20 to +70		3966183	
4312		x	12	5.0	170	45	119	119	32	2800	-20 to +75		504928	9599878
4314		x	24	5.0	170	45	119	119	32	2800	-20 to +75		504934	9599886
4312/2		x	12	5.0	170	45	119	119	32	2800	-20 to +75	Yes	2991469	
4314/2		x	24	5.0	170	45	119	119	32	2800	-20 to +75	Yes	2991425	
4318		x	48	5.0	170	45	119	119	32	2800	-20 to +75			9601406
4312NHH		x	12	6.5	198	49	119	119	32	3600	-20 to +60		4684618	
4314NHH		x	24	6.0	198	49	119	119	32	3600	-20 to +70		4684630	

#### 119mm standard

4212NGL	x		12	1.4	100	28	119	119	38	1700	-20 to +70		3373193	9600469
4214NGL	x		24	1.4	100	28	119	119	38	1700	-20 to +70		3373238	9600493
4212NGM	x		12	3.1	144	38	119	119	38	2450	-20 to +70		3373200	9600477
4214NGM	x		24	3.1	144	38	119	119	38	2450	-20 to +70		3373250	9600507
4182NGX	x		12	3.5	160	44	119	119	38	2800	-10 to +75			9600965
4184NGX	x		24	3.5	160	44	119	119	38	2800	-10 to +75			9600973
4212NGN	x		12	4.3	165	42	119	119	38	2750	-20 to +70		3373216	9600485
4214NGN	x		24	4.3	165	42	119	119	38	2750	-20 to +70		3373266	9600515
4218NGN	x		48	4.0	165	42	119	119	38	2750	-20 to +70		3373288	
4212NN		x	12	4.3	165	42	119	119	38	2750	-20 to +70		2644472	
4214NN		x	24	4.3	165	42	119	119	38	2750	-20 to +70		2637755	
4218NN		x	48	4.3	165	42	119	119	38	2750	-20 to +70		2637761	
4212NH		x	12	4.8	180	45	119	119	38	3050	-20 to +70		3373222	9600698
4214NH		x	24	4.8	180	45	119	119	38	3050	-20 to +70		3373272	9600701

#### 119mm Ultra high performance

4112NHH		x	12	15.5	260	60	119	119	38	5000	-20 to +65		251097	1293492
4114NHH		x	24	15.5	260	60	119	119	38	5000	-20 to +65		250959	1293493
4112N/2H3		x	12	19.5	310	65	119	119	38	6000	-20 to +65	Yes	251104	1293494
4114NH3		x	24	19.5	310	65	119	119	38	6000	-20 to +65		5142941	
4112N/2H4		x	12	32.0	355	67	119	119	38	6800	-20 to +65	Yes	251069	1293495
4114N/2H4		x	24	30.0	355	67	119	119	38	6800	-20 to +65	Yes	250808	1293496
4114N/2H5		x	24	45.0	390	70	119	119	38	7500	-20 to +65	Yes	250820	1293498

#### 127mm standard

5212NM		x	12	4.6	187	43	127	127	38	2750	-20 to +75		250763	1293499
5214NM		x	24	4.6	187	43	127	127	38	2750	-20 to +75		250937	1293500
5218NM		x	48	5.0	187	43	127	127	38	2750	-20 to +75		250909	1293505
W2G115-AD15-02		x	12	4.5	200	44	127	127	38	2800	-25 to +72		2339338	

W2G115-AD17-02		x	24	4.7	200	44	127	127	38	2800	-25 to +72		2339344	
W2G115-AD19-02		x	48	4.6	200	44	127	127	38	2800	-25 to +72		2339366	
5214NN		x	24	6.0	216	46	127	127	38	3150	-20 to +75			9601090
5212NH		x	12	9.8	252	51	127	127	38	3650	-20 to +70		250757	1293501
5214NH		x	24	9.8	252	51	127	127	38	3650	-20 to +70		4577526	
5218NH		x	48	10.0	252	51	127	127	38	3650	-20 to +55		4577532	
5212N/2HH		x	12	19.0	338	58	127	127	38	4900	-20 to +65	Yes	250842	1293502
5214N/2HH		x	24	17.5	338	58	127	127	38	4900	-20 to +65	Yes	250779	1293504
5218N/2HH		x	48	18.0	338	58	127	127	38	4900	-20 to +65	Yes	250791	1293506
<b>127mm Diagonal fans - high pressure / high performance</b>														
DV5212/2N		x	12	20.0	270	56	127	127	38	5000	-20 to +65	Yes	4684646	
DV5214/2N		x	24	20.0	270	56	127	127	38	5000	-20 to +65	Yes	4577576	
<b>135mm standard</b>														
5112N		x	12	9.5	250	48	135	135	38	2900	-25 to +72		2637727	9601104
5114N		x	24	9.5	250	48	135	135	38	2900	-25 to +72		2637733	9601112
5112N/2		x	12	9.5	250	48	135	135	38	2900	-25 to +72	Yes	2991475	
5114N/2		x	24	9.5	250	48	135	135	38	2900	-25 to +72	Yes	2991447	
<b>150mm diameter</b>														
W2G130-AA31-01		x	12	14.0	345	51	150	dia	55	2850	-25 to +60		2339372	
7212N		x	12	12.0	360	50	150	dia	55	3050	-25 to +72		222288	9600906
7214N		x	24	12.0	360	50	150	dia	55	3050	-25 to +72		222294	9600914
7218N		x	48	12.0	360	50	150	dia	55	3050	-25 to +72		4577548	
<b>172mm diameter</b>														
6212NM		x	12	12.0	350	50	172	dia	51	2850	-20 to +72			9600213
6224N		x	24	18.0	410	55	172	dia	51	3400	-20 to +72			9600221
<b>172mm x 150mm</b>														
6424		x	24	18.0	410	57	172	150	51	3400	-20 to +72		2637777	
6448		x	48	17.0	410	57	172	150	51	3400	-20 to +72		2637799	
6424H		x	24	26.0	480	63	172	150	51	4000	-20 to +55		4577554	
6448H		x	48	26.0	480	63	172	150	51	4000	-20 to +55		4577560	
<b>172mm Diagonal fans - high pressure / high volume</b>														
DV6224		x	24	40.0	540	63	172	dia	51	4300	-20 to +75		3325762	9600604
DV6248		x	48	40.0	540	63	172	dia	51	4300	-20 to +75		3325778	
<b>200mm standard - high pressure / high volume</b>														
W1G200-HH77-52		x	24	55.0	1090	60	225	225	80	2950	-15 to +60		3601921	
<b>Temperature controlled fans 'Variopro'</b>														

612NGMI	x		12	1.3-1.7	18-35	14-28	60	60	25	2150 to 4100	-20 to +65		<b>250915</b>	<b>1372288</b>
8412NGMLV	x		12	1.1-1.5	27-45	10-19	80	80	25	1200 to 2050	-20 to +70		<b>251110</b>	<b>9600264</b>
3412NGMV	x		12	1.5-2.0	44-72	14-28	92	92	25	1400 to 2300	-20 to +70		<b>2637812</b>	
3412NGV	x		12	1.6-2.5	50-84	16-32	92	92	25	1600 to 2700	-20 to +70			<b>9600272</b>
4312MV		x	12	1.5-3.0	68-140	22-39	119	119	32	1150 to 2300	-20 to +65		<b>845342</b>	<b>9600183</b>
6248NTDI		x	48	2.0-50.0	90-600	18-65	172	dia	51	800 to 5100	-20 to +60		<b>250993</b>	<b>1372291</b>
<b>High Humidity protected, 'R' rated</b>														
8412NGR	x		12	2.0	69	32	80	80	25	3100	-20 to +70		<b>2991532</b>	<b>9600108</b>
8414NGR	x		24	2.0	69	32	80	80	25	3100	-20 to +70		<b>3002790</b>	<b>9600116</b>
4312R		x	12	5.0	170	45	119	119	32	2800	-20 to +75		<b>2994755</b>	<b>9600124</b>
4314R		x	24	5.0	170	45	119	119	32	2800	-20 to +75		<b>3002807</b>	<b>9600132</b>
<b>Splash proof IP54</b>														
614NHU		x	24	2.1	46	37	60	60	25	5600	-20 to +70		<b>5142957</b>	
8312U		x	12	2.2	54	36	80	80	32	3300	-20 to +75			<b>9600140</b>
8314U		x	24	2.5	54	36	80	80	32	3300	-20 to +75			<b>9600159</b>
4312U		x	12	5.0	170	45	119	119	32	2800	-20 to +75		<b>3373294</b>	<b>9600167</b>
4314U		x	24	5.0	170	45	119	119	32	2800	-20 to +75		<b>3373317</b>	<b>9600175</b>