

Petit Ace

- Brushless DC Motor with Plastic Fan Housing and Impeller
- Permanently Lubricated Dual Ball Bearing System
- Current Limiting System with Reverse Polarity Protection
- Color-coded 300mm AWG 24 Leads (stripped and thinned ends)
- Thermal Speed Control Models Available
- Pulse/Lock/Inverse Lock/Low Speed/Inverse Low Speed Sensor Options
- Operating Temperature: -10 °C to +60 °C (No Condensation)
- Storage Temperature: -30 °C to +70 °C (No Condensation)
- Rotational Direction: CW looking at label
- Dielectric Strength: 50/60 Hz, 500 VAC, one (1) minute (between lead conductor and frame)
- Mass: 68g to 150g



80 x 80 x 15mm

Click on Model No in red to view air performance curves

Airflow	Airflow	Static Pressure	Static Pressure	Nominal Voltage	Voltage Range	Sound Pressure	Power Input	Nominal Speed	Model No.
m ³ /min	CFM	Pa	inch/H ₂ O	V	V	dB(A)	W	min ⁻¹	
0.91	32.1	29.4	0.118	12	7.0 - 13.8	31	2.40	3100	109P0812H702
0.57	20.1	12.6	0.051	12	7.0 - 13.8	21	1.08	2000	109P0812M702
0.42	14.8	7.40	0.030	12	7.0 - 13.8	17	0.84	1500	109P0812L7D01*
0.91	32.1	29.4	0.118	24	14.0 - 27.6	31	2.40	3100	109P0824H702
0.57	20.1	12.6	0.051	24	14.0 - 27.6	21	1.20	2000	109P0824M702

Click to view dimensional drawings

- [Models without sensor](#)
- [Models with sensor](#)

80 x 80 x 20mm

Click on Model No in red to view air performance curves

Airflow	Airflow	Static Pressure	Static Pressure	Nominal Voltage	Voltage Range	Sound Pressure	Power Input	Nominal Speed	Model No.
m ³ /min	CFM	Pa	inch/H ₂ O	V	V	dB(A)	W	min ⁻¹	
0.90	31.8	33.3	0.13	12	10.2 - 13.8	34	3.12	3200	109P0812B6D01*
0.84	29.7	29.4	0.12	12	10.2 - 13.8	31	2.52	2900	109P0812H602
0.67	23.7	18.6	0.075	12	10.2 - 13.8	25	1.56	2300	109P0812M602
0.50	17.7	10.0	0.04	12	10.2 - 13.8	22	0.84	1800	109P0812L6D01*
0.44	15.5	7.50	0.03	12	10.2 - 13.8	18	0.72	1600	109P0812D6D01*
0.84	29.7	29.4	0.12	24	20.4 - 27.6	31	2.88	2900	109P0824H602
0.67	23.7	18.6	0.075	24	20.4 - 27.6	25	1.68	2300	109P0824M602
1.06	37.6	44.8	0.18	48	38.0 - 57.6	39	4.80	3700	109P0848C602

Click to view dimensional drawings

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- [Models with sensor](#)

Petit Ace

80 x 80 x 25mm

Click on Model No in red to view air performance curves

Airflow	Airflow	Static Pressure	Static Pressure	Nominal Voltage	Voltage Range	Sound Pressure	Power Input	Nominal Speed	Model No.
m ³ /min	CFM	Pa	inch/H ₂ O	V	V	dB(A)	W	min ⁻¹	
0.92	32.5	28.4	0.11	5	4.5 - 5.5	26	1.25	2600	109R0805F402
0.83	29.3	22.5	0.09	5	4.5 - 5.5	23	0.85	2350	109R0805M402
1.49	52.6	80.6	0.32	12	10.8 - 13.2	40	4.44	4500	109R0812G402
1.20	42.4	48.0	0.19	12	6.0 - 13.8	34	2.16	3400	109R0812S402
1.03	36.4	35.3	0.14	12	6.0 - 13.8	29	1.56	2900	109R0812H402
0.92	32.5	28.4	0.11	12	6.0 - 13.8	26	1.32	2600	109R0812F402
0.83	29.3	22.5	0.09	12	6.0 - 13.8	23	1.08	2350	109R0812M402
0.65	23.0	14.7	0.06	12	7.0 - 13.8	20	0.72	1850	109R0812L402
1.50	53.0	77.2	0.31	24	20.4 - 26.4	40	4.80	4500	109R0824G4021**
1.20	42.4	47.3	0.19	24	12.0 - 27.6	34	2.40	3400	109R0824S402
1.03	36.4	35.3	0.14	24	12.0 - 27.6	29	1.68	2900	109R0824H402
0.92	32.5	28.4	0.11	24	12.0 - 27.6	26	1.44	2600	109R0824F402
0.83	29.3	22.5	0.09	24	12.0 - 27.6	23	1.20	2350	109R0824M402
0.65	23.0	14.7	0.06	24	14.0 - 27.6	20	0.96	1850	109R0824L402
1.20	42.4	48.0	0.19	48	40.8 - 55.2	34	2.88	3400	109R0848S401***
1.56	55.1	89.2	0.36	48	40.8 - 55.2	41	4.80	4600	109R0848K402

Click to view dimensional drawings

- [Models without sensor](#)
- [Ribless models without sensor](#)
- [Models with sensor](#)
- [Ribless Models with sensor](#)

Petit Ace

80 x 80 x 32mm

Click on Model No in red to view air performance curves

Airflow	Airflow	Static Pressure	Static Pressure	Nominal Voltage	Voltage Range	Sound Pressure	Power Input	Nominal Speed	Model No.
m ³ /min	CFM	Pa	inch/H ₂ O	V	V	dB(A)	W	min ⁻¹	
1.52	53.7	91.1	0.36	12	6.0 - 13.2	45	6.72	4600	109P0812A202
1.25	44.1	62.8	0.25	12	10.2 - 13.8	38	3.48	3800	109P0812S201***
1.05	43.1	42.3	0.17	12	10.2 - 13.8	33	1.92	3150	109P0812H202
0.65	18.6	17.4	0.07	12	10.2 - 13.8	21	0.84	2000	109P0812M202
1.52	53.7	91.1	0.36	24	12.0 - 26.4	45	6.96	4600	109P0824A202
1.27	44.7	62.3	0.25	24	20.4 - 27.6	38	3.10	3800	109P0824S2A021**
1.05	43.1	42.3	0.17	24	20.4 - 27.6	33	2.16	3150	109P0824H202
0.90	31.8	32.4	0.13	24	20.4 - 27.6	27	1.44	2600	109P0824F2021**
0.65	18.6	17.4	0.07	24	20.4 - 27.6	21	0.96	2000	109P0824M202
1.10	38.8	50.9	0.20	48	43.0 - 53.0	35	2.88	3350	109P0848H202

Click to view dimensional drawings

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- [Ribless Models with sensor](#)

Notes: (1) Listed models are non-sensor types (exceptions: *lock sensor type, **non-sensor ribless type, ***pulse sensor type)
 (2) Airflow, power input, speed and noise ratings are at nominal voltage against zero static pressure.
 (3) Static pressure ratings are at nominal voltage against zero air flow.
 (4) Noise ratings are average values as measured from a point one (1) meter from intake of fan suspended in an anechoic chamber.
 (5) Air performance curves show fan outputs with unobstructed inlets and outlets.
 (6) Some model types are without UL, CSA and TÜV approvals.