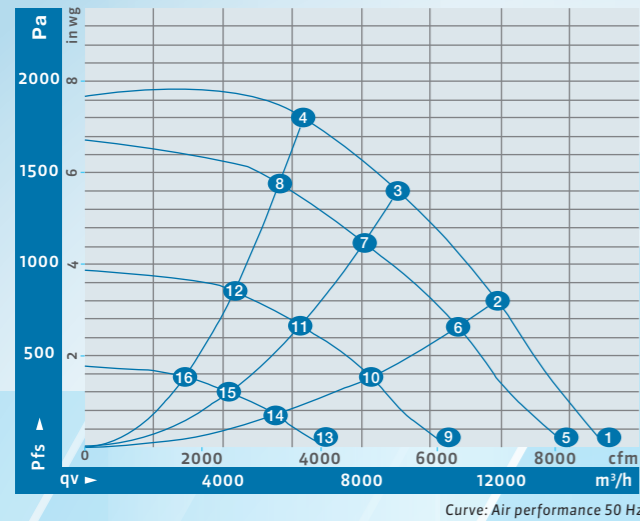


Selected EC Fan

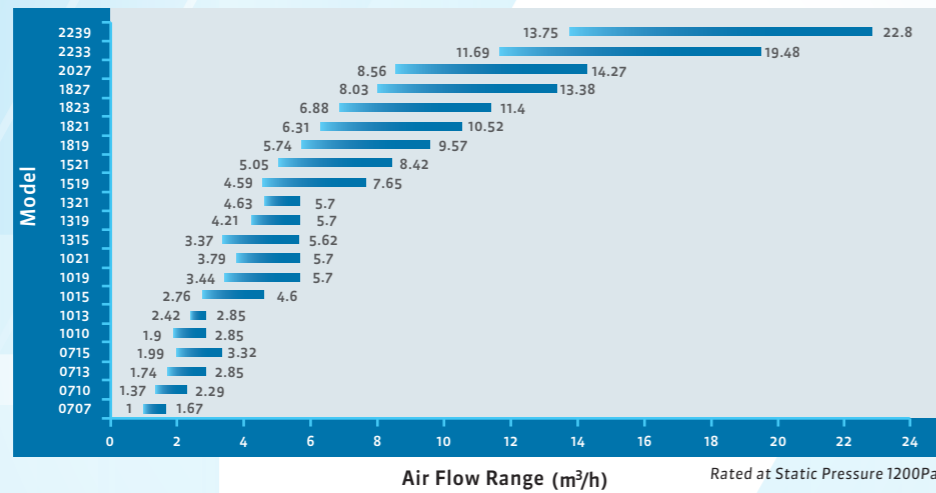
K3G450PB2401



Air Flow Range

AHU Model	Fan QTY	Air Flow Range (m3/s)	Rate Air Flow (m3/s)	Input Power (W)		Watts/CMH	
				@ 500Pa	@ 1200Pa	@ 500Pa	@ 1200 Pa
0707	1	1.00-1.67	1.34	1064	2642	0.22	0.55
0710	1	1.37-2.29	1.83	1477	3326	0.22	0.50
0713	1	1.74-2.85	2.30	1933	4118	0.23	0.50
0715	2	1.99-3.32	2.66	2120	5264	0.22	0.55
1010	1	1.90-2.85	2.38	2036	4294	0.24	0.50
1013	1	2.42-2.85	2.64	2381	4811	0.25	0.51
1015	2	2.76-4.60	3.68	2970	6680	0.22	0.50
1019	2	3.44-5.70	4.57	3840	8192	0.23	0.50
1021	2	3.79-5.70	4.75	4068	8580	0.24	0.50
1315	2	3.37-5.62	4.50	3744	8034	0.23	0.50
1319	2	4.21-5.70	4.96	4342	9024	0.24	0.51
1321	2	4.63-5.70	5.17	4622	9422	0.25	0.51
1519	4	4.59-7.65	6.12	4940	11636	0.22	0.53
1521	4	5.05-8.42	6.74	5448	12464	0.22	0.51
1819	4	5.74-9.57	7.66	6192	13804	0.22	0.50
1821	4	6.31-10.52	8.42	6812	14980	0.22	0.49
1823	4	6.88-11.40	9.14	7680	16384	0.23	0.50
1827	6	8.03-13.38	10.71	8640	19554	0.22	0.51
2027	6	8.56-14.27	11.42	9228	20604	0.22	0.50
2233	8	11.69-19.48	15.59	12624	28016	0.23	0.50
2239	8	13.75-22.8	18.275	15352	32752	0.233	0.498

AHU Specification



Nominal Data

Phase		3~
Nominal voltage	VAC	400
Nominal voltage range	VAC	380 .. 480
Frequency	Hz	50/60
Method of obtaining data		ml
Speed	min ⁻¹	2600
Power consumption	W	5250
Current draw	A	8
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	40

CONTROL BASIC

- EC Fan - Build in controller with Modbus integrated
- Able couple with differential pressure controller only to achieve constant air volume control. The system is self-adjusting to adapt to interference factors like filter pollution ...

DAIKIN

PLXDMT1601



DM AHU with EC Fan

DEALER

DAIKIN REFRIGERATION MALAYSIA SDN. BHD.
(formerly known as J & E Hall Refrigeration Sdn. Bhd.)

Lot 10, Jalan Perusahaan 8,
Kawasan Perusahaan Pekan Banting,
42700 Banting, Selangor D.E. Malaysia.



BENEFITS

BY USING DAIKIN EC SOLUTION



FAN ARRAY



EC FAN

ELECTRONICALLY COMMUTATED FAN

Basic AHU Information

- AHU Modular Concept Design
- Model Range - DM1 (1"), DM2 (2") and DM2TB (2")
- Standard Model Range : AHU Model 0707 – 2239
- Air Volume range : 1 to 22 m³/s
- Total Static Pressure Up to 1800 Pa



TECHNOLOGY FEATURES

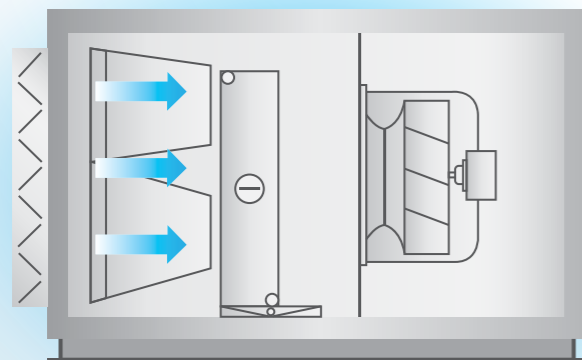
- Unrivalled Compactness
- High Efficiency
- Robust Design
- Economical Operation
- Low Noise Emissions
- Low Vibration Level
- Long Service Life
- Reliable Operation

SAVING

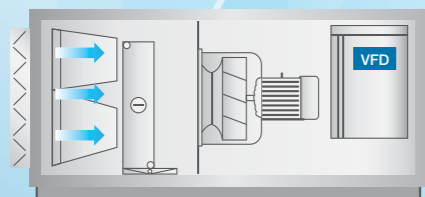
- Save in Space – Smaller AHU Size
- Save in Components - Inverter, Sine Filter, Premium Motor, Shielded Cable, Motor Protection
- Save in Cost - Installation Cost, Maintenance Cost

MARKET FAN MOTOR SOLUTION

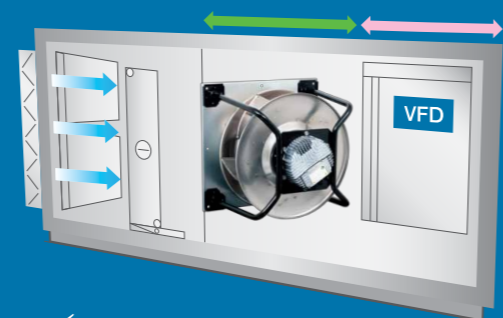
EC FAN (Our Solution)



Fan + Motor + VFD (Conventional Fan Solution)

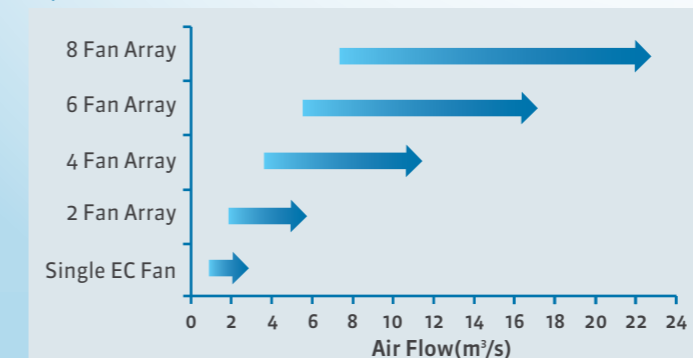


Why EC Fan?



- ✓ **Saving in installation cost**
- ✓ **Save Space**
- ✓ **Save in components**
 - No Inverter
 - No Sine Filter
 - No premium motor
 - No shielded cable
 - No motor protection

Specifications



Rated at Static Pressure 1200Pa

Fan Array Air Flow Range

	Air Flow Range (m ³ /s)
Single EC Fan	0.93 - 2.85
2 Fan Array	1.86 - 5.7
4 Fan Array	3.72 - 11.4
6 Fan Array	5.58 - 17.1
8 Fan Array	7.44 - 22.8