

***Ventilation Assessment Report for
Mechanical Means of Ventilation (Sample)***

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**Ventilation Assessment Report for
Mechanical Means of Ventilation**

SAMPLE

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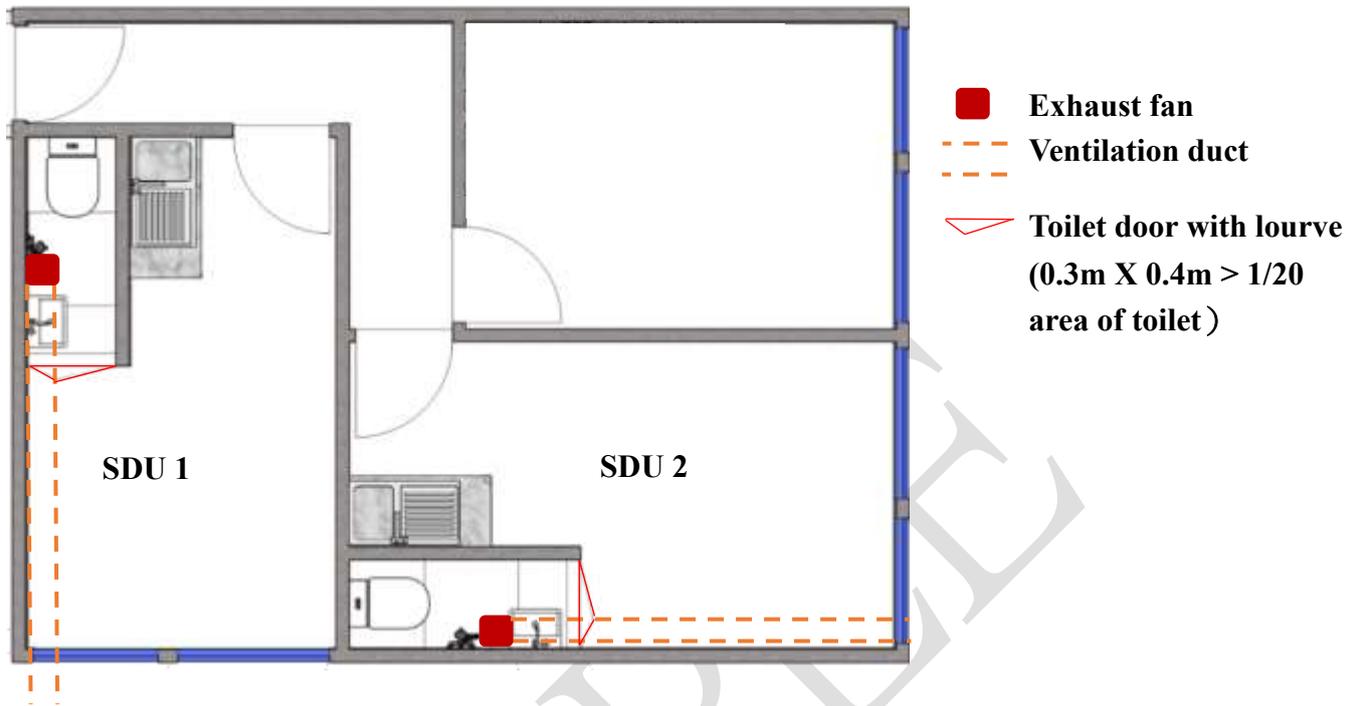
1. Ventilation Provisions for the Subdivided Units (SDUs)

SDU Room Number	Location	Comply with the requirements stipulated in the Building (Planning) Regulations (Cap 123F)	Mechanical means of ventilation required
SDU 1	habitable area	Yes	No
	toilet	No	Yes
SDU 2	habitable area	Yes	No
	toilet	No	Yes

2. Ventilation assessment for mechanical means of ventilation

(a) Location	(b) Internal floor area (m ²)	(c) Headroom (m)	(d) Required change of air per hour	(e) Required air volume (m ³ / hour)	(f) Air volume of proposed mechanical means of ventilation (exhaust fan) (m ³ / hour)	(g) Mechanical means of ventilation complies with the requirement?
SDU 1 (toilet)	2	2.3	5	= (b) x (c) x (d) = 2 x 2.3 x 5 = 23	160	(f) ≥ (e) Comply
SDU 2 (Toilet)	2	2.3	5	= (b) x (c) x (d) = 2 x 2.3 x 5 = 23	160	(f) ≥ (e) Comply

3. Location plan of mechanical means of ventilation



4. Proposed mechanical means of ventilation



風量 Air Volume	風扇轉速 Fan Speed	耗電量 Consumption	噪音 Noise	淨重 Net Weight	安裝尺寸 Installation Hole Size	導管直徑 Duct Diameter
[CMH (CFH)]	[R.P.M.]	[Watt]	[dB(A)]	[公斤][Kg]	[毫米][mm]	[毫米][mm]
0 Pa 160 (5,650)	792	8	31	2.9	240x240	Ø 100
51 Pa 160 (5,650)						
63 Pa 160 (5,650)						