



KASUNAIR

KASUN



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SGS

Chilled Water Fan Coil Unit

1. 結構精緻、堅固耐用

- 採用高強度鍍鋅鋼板機殼，機體結構精緻。
- 外觀美觀，適合安裝於任何房間，堅固耐用。

2. 設計特性、性能優越。

- 盤管採用無縫紫銅管與百葉窗型鋁質散熱鰭片，經機械脹管使鋁鰭片與銅管緊密接合，能夠發揮最佳熱交換效果。

3. 馬達運轉寧靜，超低噪音。

- 風車馬達為E級絕緣感應式馬達，軸心經特殊材質處理，永不變形、生鏽，耐久性佳。

1. Fine structure, Rigid and Durable.

- The body structure of Fan Coil Unit is made of high strength Zinc-galvanized steel casing with fine modular design.
- Elegance appearance with rigid and durable structure is applicable to all kind of room space.

2. Special Design, Outstanding Performance.

- Heat exchanger coil made of seamless copper tube bounded with louvered aluminum fin by mechanical tube expander in order to obtain highest heat exchange efficient.

3. Fan and motor operates quietly, super-low noise.

- E class isolation motor, with medium carbon steel shaft which is anti-corrosion treated, durable and never deformed.



吊掛隱藏式室內送風機機種齊全，風量自300CFM~1800CFM，可任意選配各式空間，創造強冷、安靜、舒適的生活環境。

- 適於需配合室內設計需求安裝於天花板內，以營造整體美觀空間。
- 高低靜壓共用型可依需求直接出風或風管出風。
- 機體高度僅25公分，任何空間尺寸均容易安裝與維護。
(不含KF16、18機型)

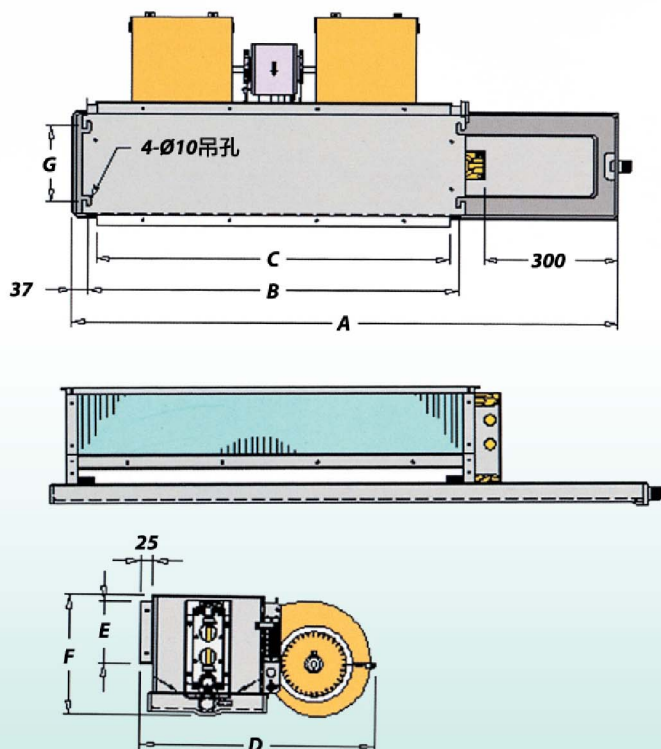
With complete line-up models, air flow from 300CFM to 1800CFM, suitable for all kind of space to create cool, quiet and comfortable living environment.

- Suitable for room or space with the decoration require of concealing Fan Coil Unit inside of the ceiling to provide the complete and graceful space.
- High/ low static pressure compatible motor is switchable for the use of free blow or ducting condition.
- The height of Fan Coil Unit is only 25cm which is suitable for all kind of ceiling space and easy access and maintenance.
(KF16 and KF18 is not included)



- 另備有出風口集風箱，安裝方便供配合選用。

外型尺寸 Dimension



尺寸 外型	A	B	C	D	E	F	G
KF03	850	460	422	489	130	252	186
KF04	1040	650	612	489	130	252	186
KF06	1240	850	812	489	130	252	186
KF08	1470	1080	1042	489	130	252	186
KF10	1690	1300	1262	489	130	252	186
KF12	1900	1510	1472	489	130	252	186
KF14	2090	1700	1662	489	130	252	186
KF16	1750	1300	1261	583	234	350	224
KF18	1750	1300	1261	583	234	350	224

註：

1. GxB為吊孔尺寸。
2. ExC 為急風箱尺寸。

Remarks:

1. GxB is the dimension for hanging position.
2. ExC is the dimension for supply air ducting.

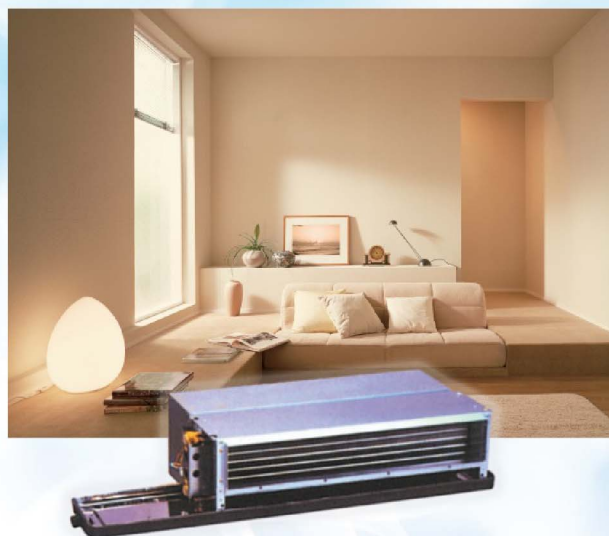
- 接管方式以面對出風口判斷，進出水接管在左側為左接管，進出水接管在右側為右接管。
- 不鏽鋼水盤及抗蝕鋁片等特殊規格可接受訂製生產。
- 安裝特殊附件如負離子產生器、光觸媒活性碳濾網等，可接受訂製生產。
- Piping direction is judged by the position of facing to supply air side. Piping direction located at left hand side of supply air will be left connect model, and right connect model for the opposite side.
- Special specs like stainless steel drain-pan, anti-corrosive aluminum fin are available for customize order.
- Additional accessories like anion generator, TiO2, Active Carbone filter, are available to be ordered and pre-fabricated in factory.

吊掛隱藏附回風箱送風機機種齊全，風量自300CFM~1800CFM，可任意配選各式空間，創造強冷、安靜、舒適的生活環境。

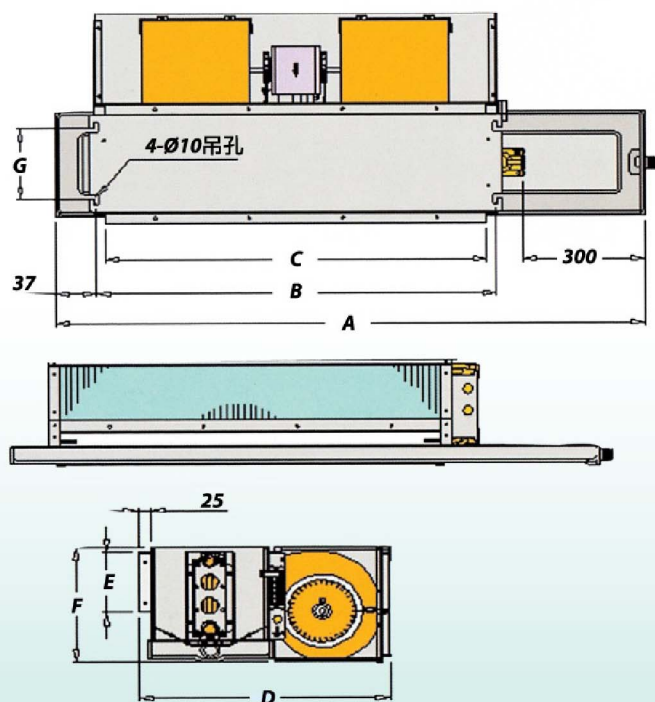
- 吊掛隱藏附回風箱型機型廣泛，安裝於天花板，依需求配合室內空間，美觀高雅。
- 高度僅25cm安裝空間，任何空間尺寸均能簡易安裝維護。（不含KF16、18機型）
- 高效率濾網清洗保養容易。

With complete line-up models, air flow from 300CFM to 1800CFM, suitable for all kind of space to create cool, quiet and comfortable living environment.

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外型尺寸 Dimension



尺寸 外型	A	B	C	D	E	F	G
KF03	850	460	422	511	130	252	186
KF04	1040	650	612	511	130	252	186
KF06	1240	850	812	511	130	252	186
KF08	1470	1080	1042	511	130	252	186
KF10	1690	1300	1262	511	130	252	186
KF12	1900	1510	1472	511	130	252	186
KF14	2090	1700	1662	511	130	252	186
KF16	1750	1300	1262	613	234	350	224
KF18	1750	1300	1262	613	234	350	224

註：
C&E為出風口尺寸。
B&G 為吊孔尺寸。

Remarks:
1. CxE is the dimension for hanging position.
2. BxG is the dimension for supply air ducting.

- 接管方式以面對出風口判斷，進出水接管在左側為左接管，進出水接管在右側為右接管。
- 不鏽鋼水盤及特殊抗蝕鋁片，可接受訂製生產。
- 安裝特殊附件如負離子產生器、光觸媒活性碳濾網等，可接受訂製生產。
- Piping direction is judged by the position of facing to supply air side. Piping direction located at left hand side of supply air will be left connect model, and right connect model for the opposite side.
- Special specs like stainless steel drain-pan, anti-corrosive aluminum fin are available for customize order.
- Additional accessories like anion generator, TiO2, Active Carbon filter are available to be ordered and pre-fabricated in factory.

吊掛有殼送風機機種齊全，風量自300CFM~1800CFM，可任意配選各式空間，創造強冷、安靜、舒適的生活環境。

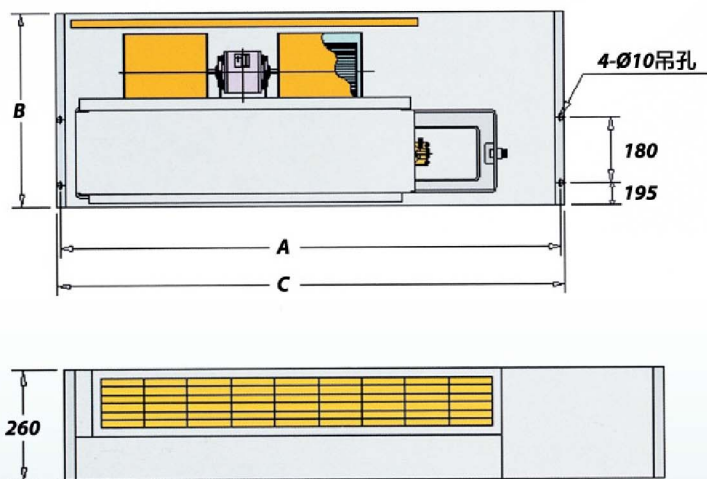
- 吊掛有殼機型外殼採用粉體塗裝，依需求配合室內空間，美觀高雅。
- 出風口格柵為活動式，上下左右方向出風可任意調整，操作方便，美觀實用。
- 迴風過濾網請定期清理，以確保運轉順暢及最佳冷房效果。

With complete line-up models, air flow from 300CFM to 1800CFM, suitable for all kind of space to create cool, quiet and comfortable living environment.

- Casing coated with Epoxy powder, the appearance is beautiful and elegance.
- Supply air grilles can be easily adjusted to allow the air flow blown to up-down and left-right 4 directions.
- Please clean return air filter regularly to maintain the smooth operation and best cooling efficient.



外型尺寸 Dimension

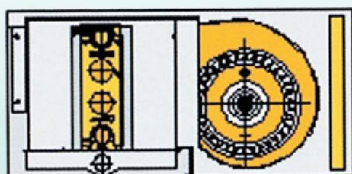


尺寸 外型	A	B	C
KF03	993	535	1014
KF04	1183	535	1204
KF06	1383	535	1404
KF08	1613	535	1634
KF10	1833	535	1854
KF12	2043	535	2064
KF14	2233	535	2254

註：180xA為安裝吊孔尺寸。

Remarks:

180xA is the dimension for hanging position.



- 接管方式以面對出風口判斷，進出水接管在左側為左接管，進出水接管在右側為右接管。
- 不鏽鋼水盤及特殊抗蝕鋁片，可接受訂製生產。

- Piping direction is judged by the position of facing to supply air side. Piping direction located at left hand side of supply air will be left connect model, and right connect model for the opposite side.
- Special specs like stainless steel drain-pan, anti-corrosive aluminum fin are available for customize order.

型號 Model		KF03NAC	KF04NAC	KF06NAC	KF08NAC	KF10NAC	KF12NAC	KF14NAC	KF16NAC	KF18NAC
項目 Spec										
冷氣能力 Cooling Capacity	KW	2.91	4.13	5.81	7.33	9.24	10.47	12.56	14.54	15.7
	KCAL/H	2500	3550	5000	6300	7950	9000	10800	12500	13500
	BTU/H	9900	14100	20000	24950	31800	36000	43200	50000	53560
暖氣能力 Heating Capacity	KW	4.77	7.04	9.17	11.34	14.51	16.65	20.14	22.09	23.84
	KCAL/H	4100	6050	7890	9750	12400	14320	173200	19000	20500
	BTU/H	16260	24000	31600	39000	49920	57280	69280	76000	82000
Coil 盤管	型式 Type	銅管鋁箔片 Aluminum Fin Copper Tube								
	表面積 Surface Area	(m ²)	0.09	0.13	0.17	0.21	0.26	0.30	0.34	0.39
	工作壓力 Operation Pressure		最高工作壓力15Kg/cm ² (200PSIG) Maximum Operational Pressure 15Kg/cm ² (200PSIG)							
	排數x片數 Row x FPI		3R x 11F							
Fan 風車	型式 Type		多翼雙吸口離心式 Dual Inlet Centrifugal Sirocco Fan							
	標準風量 Air flow	CFM	300	400	600	800	1000	1200	1400	1600
		L/s	141.6	188.9	283.3	377.7	472.1	566.6	661	755.4
	機外靜壓 External Static Pressure	mmAq	2	2	2	2	2	2	4	4
	風車數量 Fan Quantity		1	1	2	2	3	4	4	2
Motor 馬達	型式 Type		E級絕緣、高效率省電電容啟動式三速馬達 E class insulation, High efficient Capacitor Start 3 speed motor							
	電流 Current	Amp	0.24	0.4	0.42	0.56	0.82	0.84	0.98	-
	功率 Input	W	52	89	93	123	182	186	216	-
	馬達數量 Motor Quantity		1	1	1	1	2	2	2	1
piping 配管	進水口 Inlet 排水口 Outlet		3/4"PT							1"PT
	流量 Flow Rate	L/MIN	8.3	11.8	16.6	21	26.5	30	36	40
水頭損失 Head Loss		Pa	93	200	400	667	347	413	520	600
附回風箱淨重 Net Weight with Return Air Plenum		Kg	18	20	26	29	37	42	45	61
外型尺寸 Dimension	268(H)X570(W)X(L) (mm)		850	1040	1240	1470	1690	1900	2090	2090
裝箱尺寸 Package Dimension	290(H)X650(W)X(L) (mm)		895	1085	1285	1515	1735	1945	2135	2135

- 表列冷氣能力之室內條件為27°CDB/19.5°CWB，入口水溫7°C時之能力。
Cooling capacity stated above is under 27°CDB/19.5°CWB atmosphere, and inlet water 7°C condition.
- 表列暖氣能力之室內條件為21°CDB/15.5°CWB，入口水溫60°C時之能力。
Heating capacity stated above is under 27°CDB/19.5°CWB atmosphere, and inlet water 60°C condition.
- 表列風量之機外靜壓以風管長度1公尺以內為測試基準。如採用長風管時，本公司另有超高靜壓8mmWG機型供選用。
Air flow stated above is based on the test result with ducting within 1 meter. 8mmWG extra-high static pressure model is available for select if long ducting connection is required.
- 運轉能力調節範圍為100%(高速)，88%(中速)，75%(低速)。
The adjustable range of operational capacity is 100% (High speed), 80% (Mid speed), 75% (Low speed).
- 訂貨時請指明機種形式。吊掛隱蔽NAC，吊掛附迴風箱NBC，吊掛有殼NCC。
Please specify model while placing order. Ceiling Conceal type: NAC; Ceiling Conceal type with Return Air Plenum: NBC; Ceiling Hanging Expose type (with casing): NCC.
- 機型命名規則 Nomenclature:

K F 0 4 N A C	— C : 高低靜壓共用 Hi/Lo Static Pressure	S : 超高靜壓 Extra-High Static Pressure
	A : 吊掛隱蔽式 Ceiling Conceal Type	B : 附迴風箱 With Return Air Plenum
	N : 電源規格 Power Spec	C : 吊掛有殼 Ceiling Hanging Expose Type
	風量代碼 : Air Flow:	

- 因產品與產品資訊之持續改進，本公司保有變更產品設計不另行通知之權利。
For the continuous product and product data improvement, we reserve the right to change design and specifications without notice.



回風箱含濾網

Return Air Plenum with Filter

標準尼龍濾網

Nylon Filter (Standard)

全鋁質濾網

Fully Aluminum Filter (By order)

活性炭濾網

Active Carbon Filter (By order)



馬達

Motor

標準高低靜壓馬達

Standard High/Low Static Pressure compatible motor (Standard)

超高靜壓馬達 (選配)

Extra High Static Pressure Motor (By order)



雙吸口多翼式風扇

Dual Inlet Centrifugal Sirocco Fan

標準ABS風扇

ABS Fan (Standard)

SPGC風扇 (選配)

SPGC Fan (By order)



熱交換盤管

Heat Exchanger Coil

標準銅管一般鋁箔片

Standard Copper tube with normal Aluminum Fin.

銅管疏水防蝕藍波鋁箔片 (選配)

Copper tube with Hydrophilic & Anti-corrosion treated Blue Aluminum Fin. (By order)



電熱

Electric Heater

依機種大小可選配0.8kW~7kW，含過載保護及過溫保護開關。

Base on the Fan Coil Unit model available from 0.8kW~7kW, complete with overload and overheat thermo protector.



集風箱

Supply Air Plenum

採用A級熱浸鍍鋅鐵板製成，內覆8mm PE泡綿保溫防止冷凝。

Made of A class Hot-dip Zinc Galvanized Steel, with 8mm PE foaming insulated internally to prevent form condensation.



水盤

Drain-pan

一體成形水盤，外覆6mm PE絕緣泡綿，避免冷凝。

Press formed drain-pan, insulated with 6mm PE foaming insulation to avoid condensation.

材質有：ED電著SPGC、不鏽鋼SUS430、304可供選擇。

Material: SPGC with Epoxy electric deposit treatment (Standard),

Stainless Steel 430 (By order)

Stainless Steel 304 (By order)

特殊選配品：

Special Accessories:

負離子產生器、光觸媒等可供選配。

Anion Generator, TiO2 are available for select and pre-install at factory.



嘉盛工業責任有限公司
KASUN INDUSTRIAL JVC.LTD

台灣總公司
Headquater in Taiwan



ISO-9001

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中國分公司
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