

FAN COIL UNITS

Ceiling Cabinet Type : 300 CFM ~ 1600 CFM

Ceiling Concealed Type : 300 CFM ~ 1600 CFM



Technology-Rooted Service-Oriented
MADE IN TAIWAN

The information provided in this catalog may vary as a result of further development of the products,
It is not the obligation of the Company to keep the Customer informed for such changes.

TECO FAN COIL UNITS (Ceiling Cabinet Type)



Specifications

		Model	PH0333A PH0333B	PH0433A PH0433B	PH0633A PH0633B	PH0833A PH0833B	PH1033A PH1033B	PH1233A PH1233B	PH1433A PH1433B	PH1633A PH1633B
Item										
Power supply			【A】：1φ 110V 60Hz / 【B】：1φ 220V 60Hz							
Air volume (High speed)		m3/h	510	680	1,020	1,360	1,700	2,040	2,380	2,720
		CFM	300	400	600	800	1,000	1,200	1,400	1,600
Capacity	Cooling	Kcal/hr	2,500	3,550	5,000	6,300	7,750	9,000	10,800	12,000
	Heating		4,100	6,050	7,890	9,750	12,480	14,320	17,230	19,000
Water volume		L/min	8.3	11.8	16.6	21	26.5	30	36	40
Head loss		mAq	0.7	1.5	3.3	5.0	2.6	3.1	3.9	4.0
Static pressure		mmAq	2 / 4							
Running ampere		A	0.41 / 0.21	0.51 / 0.29	0.62 / 0.41	0.79 / 0.54	1.2 / 0.75	1.25 / 0.82	1.58 / 1.08	1.64 / 1.16
Power consumption		W	45 / 47	55 / 64	67 / 89	83 / 117	128 / 164	134 / 178	166 / 234	180 / 254
Coil type			Slit aluminum fins mechanically bonded to copper tubes							
Motor	Type	E class insulation 3 speed permanent split-capacitor motor								
	Quantity	1					2			
Fan	Type	Double inlet centrifugal forward-curved fan								
	Quantity	1		2		3		4		
Fan control switch			3 Speed remote control switch							
Drain sump material			SUS #430							
Pack dimensions		mm	1059	1249	1449	1679	1899	2109	2299	2299
268(H) * 570(W) * (L)										
Outline dimensions		mm	1014	1204	1404	1634	1854	2064	2254	2254
265(H) * 535(W) * (L)										
Dimensions of hanging hole (mm)			180 * 993	180 * 1183	180 * 1383	180 * 1613	180 * 1833	180 * 2043	180 * 2233	180 * 2233
Net Weight		kg	26	31	34	43	49	57	65	67

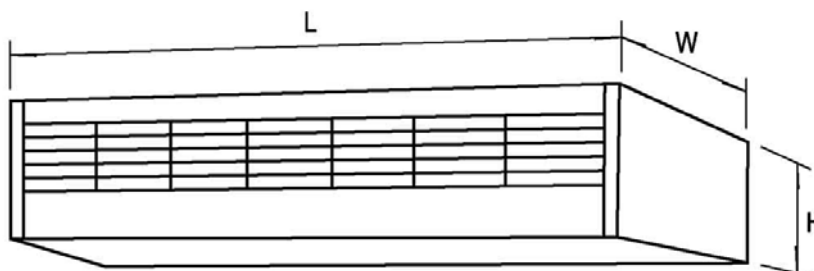
Note : The capacity is based on the following conditions:

Cooling-entering air temp. 27°C DB, 19.5°C WB. Entering chilled water temp. 7°C leaving temp. rise 5°C.

Heating-entering air temp. 21°C DB, 19.5°C WB. Entering hot water temp. 60°C.

- For the continuous development, the specifications are subjected to modification without notice. The specification is in compliance with the product plate if the content and data altered. If you have any special requirement, please inform us before placing order.

Schematic Illustration





Specifications

		Model	PH0331A PH0331B	PH0431A PH0431B	PH0631A PH0631B	PH0831A PH0831B	PH1031A PH1031B	PH1231A PH1231B	PH1431A PH1431B	PH1631A PH1631B
Power supply			【A】：1φ 110V 60Hz / 【B】：1φ 220V 60Hz							
Air volume (High speed)		m3/h	510	680	1,020	1,360	1,700	2,040	2,380	2,720
		CFM	300	400	600	800	1,000	1,200	1,400	1,600
Capacity	Cooling	Kcal/hr	2,500	3,550	5,000	6,300	7,750	9,000	10,800	12,000
	Heating		4,100	6,050	7,890	9,750	12,480	14,320	17,230	19,000
Water volume		L/min	8.3	11.8	16.6	21	26.5	30	36	40
Head loss		mAq	0.7	1.5	3.3	5.0	2.6	3.1	3.9	4.0
Low ESP	Static pressure	mmAq	2							
	Running ampere	A	0.44 / 0.22	0.65 / 0.32	0.85 / 0.45	1.0 / 0.5	1.5 / 0.75	1.71 / 0.85	1.85 / 0.93	2.0 / 1.0
	Power consumption	W	48 / 49	72 / 71	94 / 94	110 / 110	165 / 165	188 / 188	204 / 204	220 / 220
High ESP	Static pressure	mmAq	4							
	Running ampere	A	0.54 / 0.27	0.74 / 0.4	1.01 / 0.51	1.3 / 0.65	1.75 / 0.9	2.01 / 1.01	2.31 / 1.15	2.6 / 1.3
	Power consumption	W	59 / 60	81 / 88	111 / 112	143 / 143	192 / 199	221 / 223	254 / 254	286 / 286
Coil type			Slit aluminum fins mechanically bonded to copper tubes							
Motor	Type	E class insulation 3 speed permanent split-capacitor motor								
	Quantity	1					2			
Fan	Type	Double inlet centrifugal forward-curved fan								
	Quantity	1		2			3	4		
Fan control switch			3 Speed remote control switch							
Drain sump material			SUS #430							
Pack dimensions		mm	895	1085	1285	1515	1735	1945	2135	2135
290(H) * 650(W) * (L)										
Outline dimensions		mm	850	1040	1240	1470	1690	1900	2090	2090
268(H) * 570(W) * (L)										
Net Weight		kg	13.5	15.5	20	23	30.5	35	38	40
Standard type										
Net Weight		kg	17	19	25	31	37	44	48	50
With air returning box										

Note : The capacity is based on the following conditions:

Cooling-entering air temp. 27°C DB, 19.5°C WB. Entering chilled water temp. 7°C leaving temp. rise 5°C.

Heating-entering air temp. 21°C DB, 19.5°C WB. Entering hot water temp. 60°C.

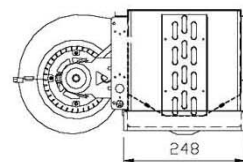
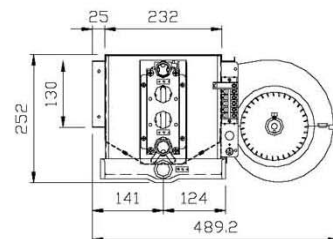
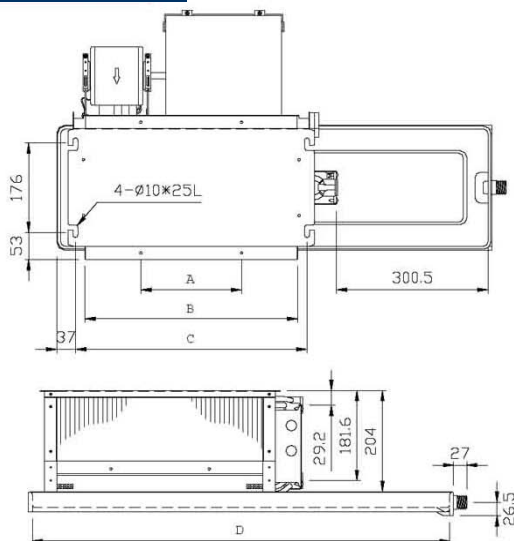
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Fan Coil Units (Ceiling Concealed Type) Outline Dimensions

Model	Dimensions (mm)			
	A	B	C	D
PH0331 A/B	200	422	460	850
PH0431 A/B	400	612	650	1040
PH0631 A/B	600	812	850	1240
PH0831 A/B	1000	1042	1080	1470
PH1031 A/B	1200	1262	1300	1690
PH1231 A/B	1400	1472	1510	1900
PH1431 A/B	1600	1662	1700	2090
PH1631 A/B	1600	1662	1700	2090

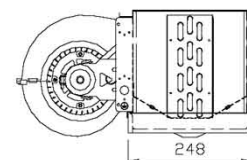
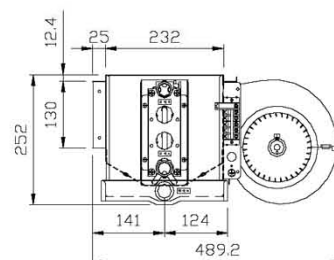
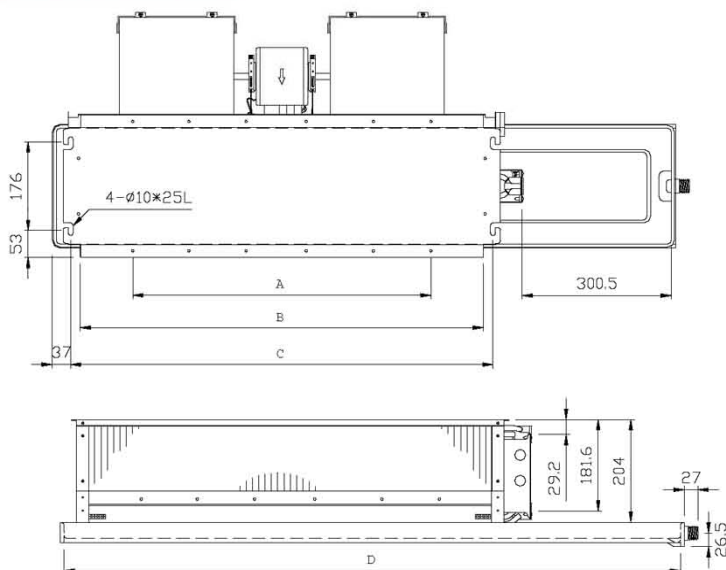
PH0331 A/B

PH0431 A/B

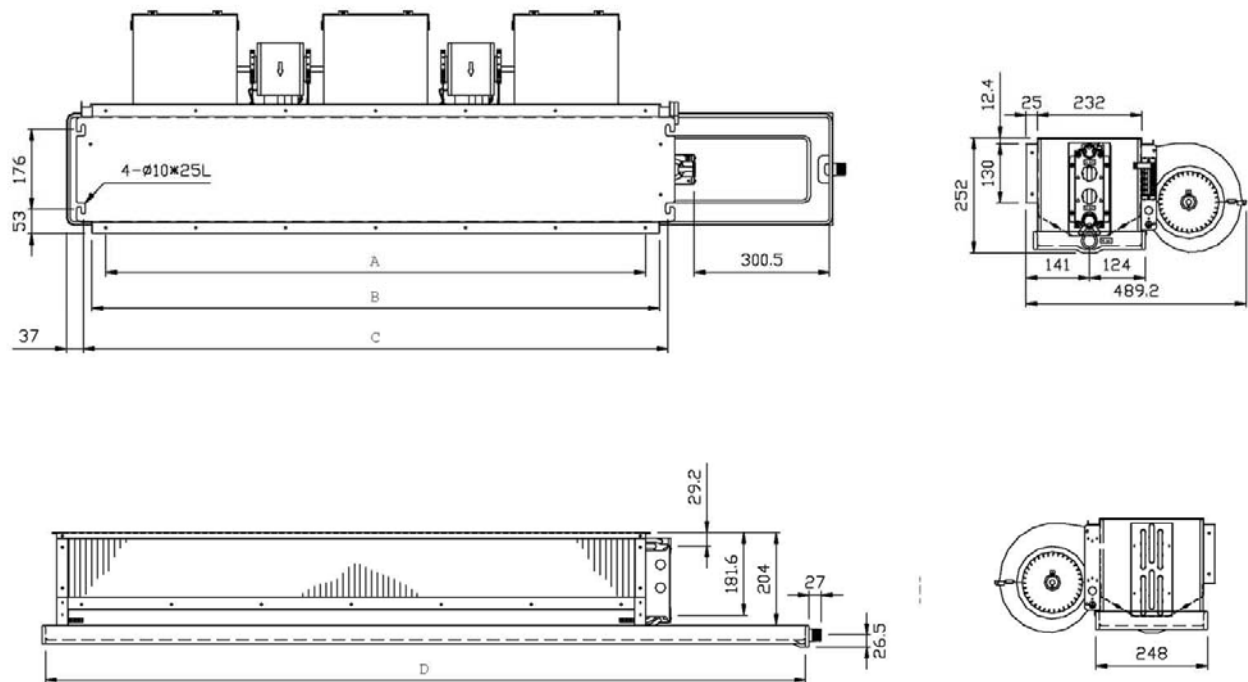


PH0631 A/B

PH0831 A/B



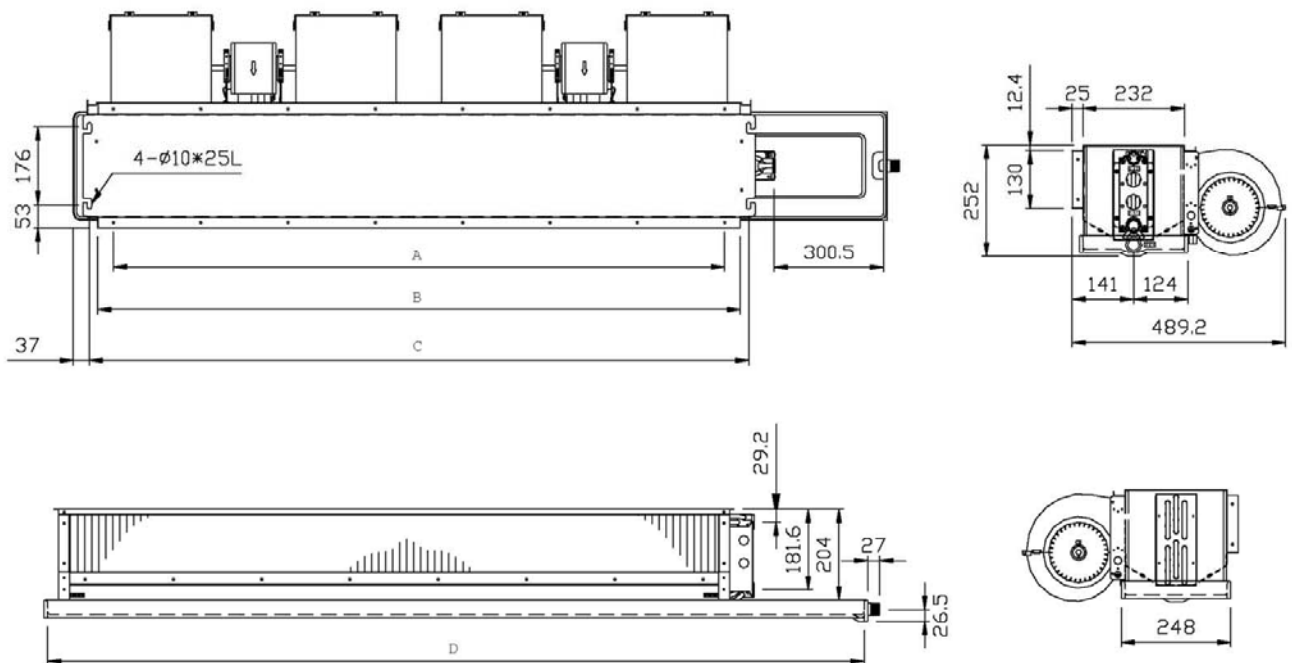
PH1031 A/B



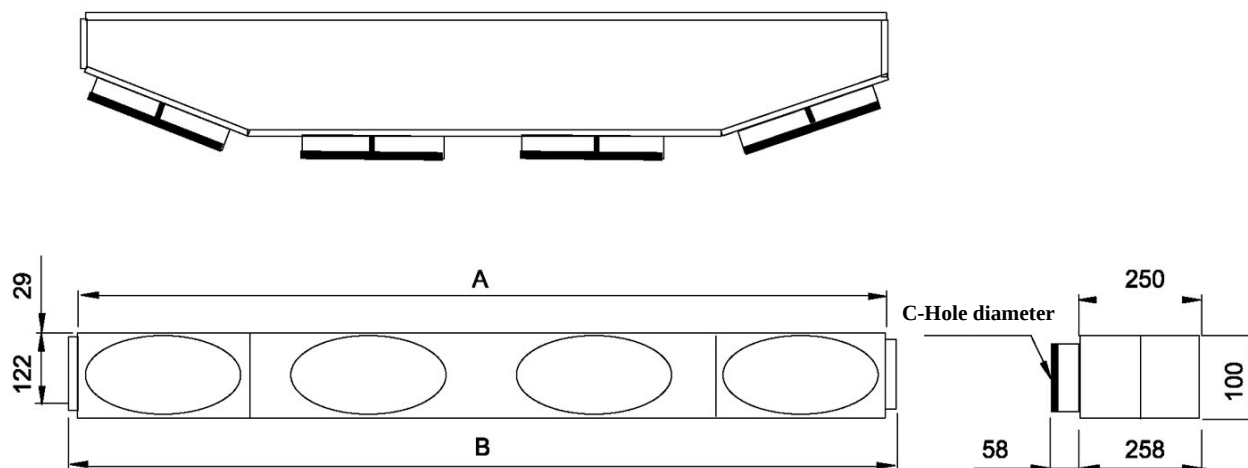
PH1231 A/B

PH1631 A/B

PH1431 A/B



Fan Coil Units (Ceiling Concealed Type) Air Collection Box



Air collection box at the air outlet

Item	Model	# 300	# 400	# 600	# 800	# 1000	# 1200	# 1400	# 1600
		PH0331A PH0331B	PH0431A PH0431B	PH0631A PH0631B	PH0831A PH0831B	PH1031A PH1031B	PH1231A PH1231B	PH1431A PH1431B	PH1631A PH1631B
Air volume (CFM)		300	400	600	800	1000	1200	1400	1600
A dimension (mm)		431.6	621.6	821.6	1051.6	1271.6	1481.6	1671.6	1671.6
B dimension (mm)		445	635	835	1065	1285	1495	1685	1685
Diameter of the duct (A)		φ 10"							
C oval holes (number of holes)		1		2		3		4	
Diameter of the duct (A)		φ 8"							
C oval holes (number of holes)		1		2		3		4	

* While placing your order, please specify the machine model and type: 300A-A: The duct is Ø 10" B: The duct is Ø 8".

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Outstanding Technique Global **TECO**



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