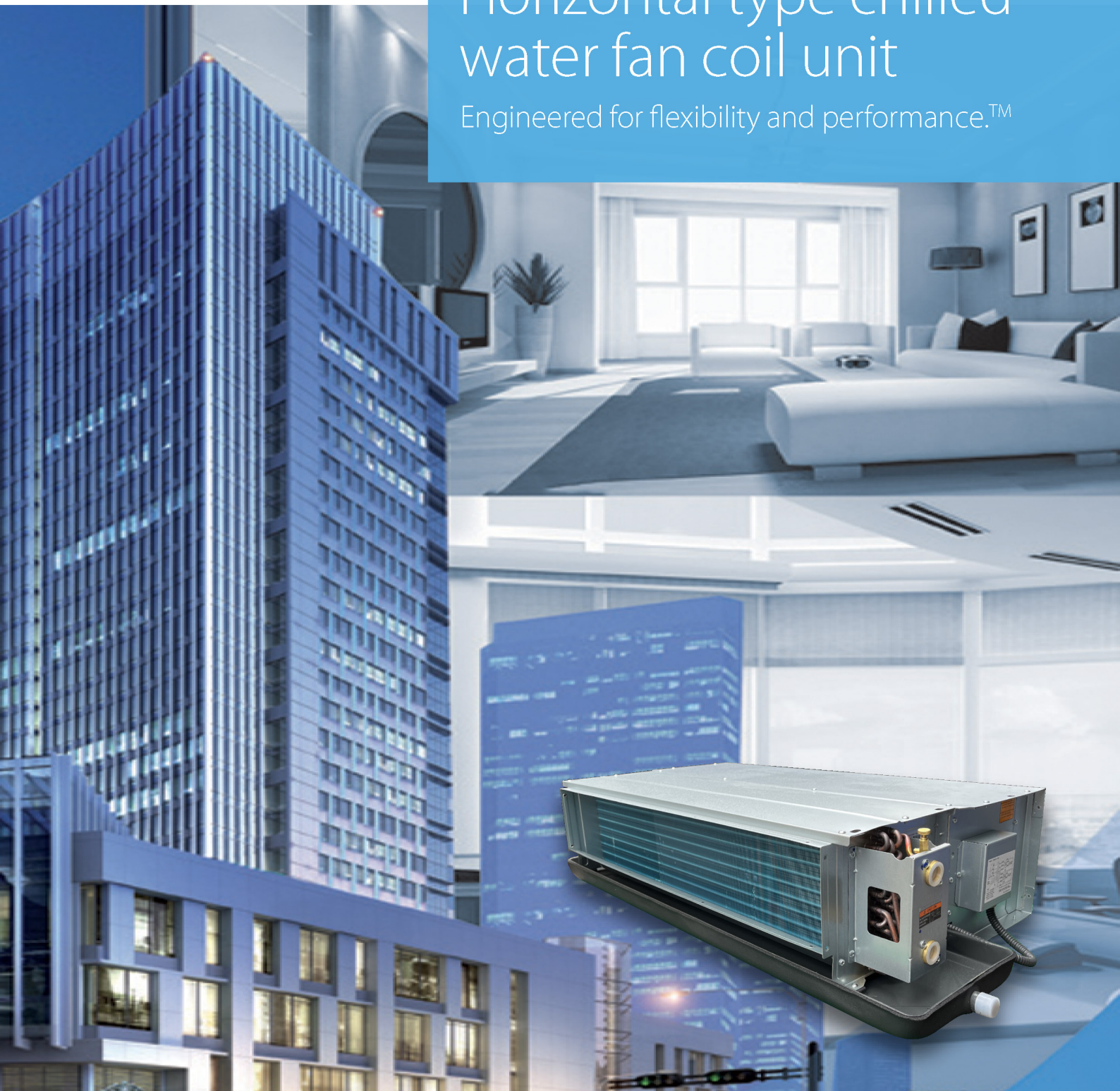




Horizontal type chilled water fan coil unit

Engineered for flexibility and performance.™



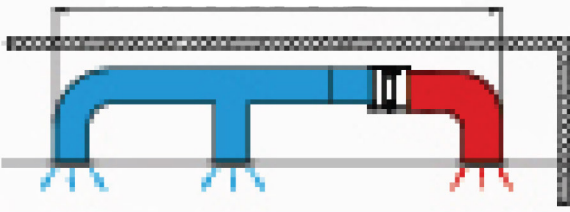
FWW-T Series

FWW-T Ceiling Concealed Fan Coil Unit



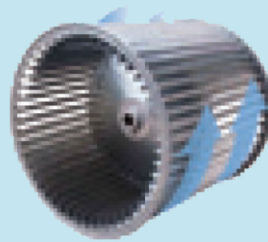
FWW-T Large Air Flow Fan Coil Unit

Air duct up to 40 m in length



► Wide application

By using the large air flow and high static pressure design, the unit can meet requirements for large air flow and high static pressure, and flexibly meet application requirements on different occasions.



► Quiet operation

The unit is equipped with a low-noise, wide-impeller, and low-speed fan. Moreover, each fan is checked and inspected before delivery. The interior of the fan is adhered with efficient damping and heat insulating material to ensure quiet and efficient operation of the unit.



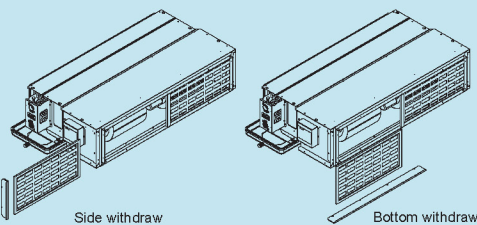
► Compact and space-saving structure

By using a compact structure design, the unit requires a small space for each unit, therefore saving the mounting space.



► High efficiency and reliability

The coil fin, made of hydrophilic aluminum and made through precision machining, ensures good heat exchange. The standard configuration includes a one-piece rubber insulating tilt drain pan that is molded to avert condensation and leakage.



► Easy maintenance

With unique design, the filter can be withdraw from either bottom or side. Users can clean or replace the filter much easier.



► Authoritative certificate

For the whole series, we comply with AHRI 400 Standard. For district cooling unit, Eurovent certificate is granted.

FWW-T Ceiling Concealed Fan Coil Unit

Standard Unit / 2-Pipe / 4 Rows

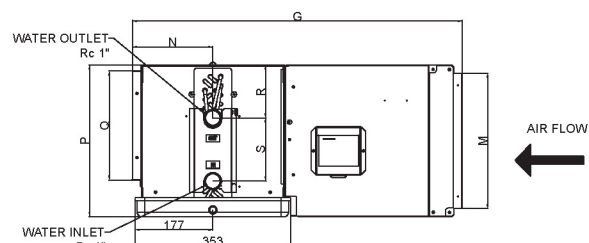
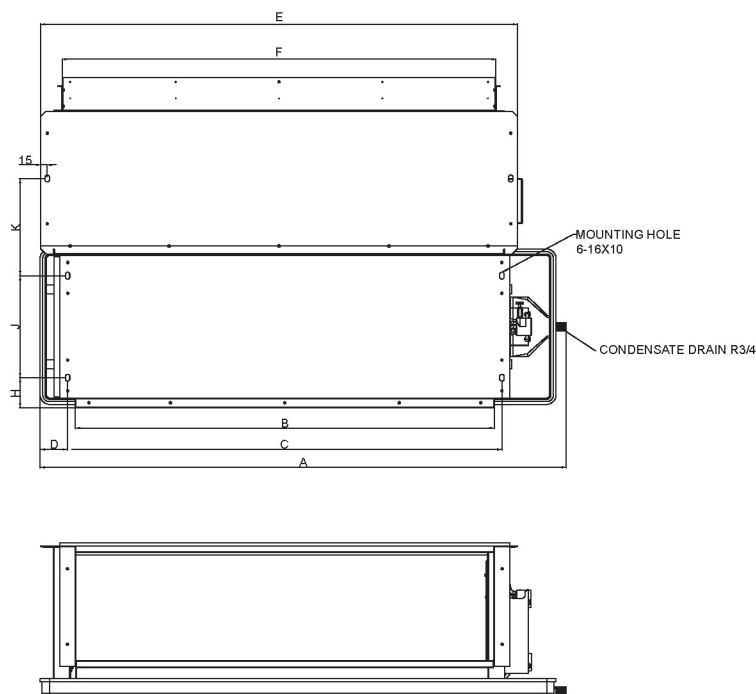
		Model	FWW1000TF	FWW1400TF	FWW1600TF	FWW1800TF	FWW2000TF
Air Flow	High	m³/h	1670	2180	2700	3150	3600
		CFM	982	1282	1588	1853	2118
	Medium	m³/h	1550	2000	2400	2970	3350
		CFM	912	1176	1412	1747	1971
	Low	m³/h	1200	1650	1960	2550	2500
		CFM	706	971	1153	1500	1471
ESP	Medium	Pa	50				
		in.wg.	0.2				
Total Cooling Capacity		W	10000	12900	14700	17500	20600
		Btu/h	34120	44015	50156	59710	70287
Water Flow Rate		m³/h	1.71	2.21	2.52	3	3.53
		USGPM	7.52	9.72	11.09	13.20	15.53
Water Pressure drop		kPa	37	40	45	55	63
		in.wg.	149	161	181	221	253
Rated Power Input	High	W	250	410	531	612	769
	Medium	W	230	370	420	550	704
	Low	W	165	280	310	450	465
Rated Running Current	High	A	1.1	1.8	2.33	2.69	3.38
	Medium	A	1.02	1.64	1.86	2.44	3.12
	Low	A	0.76	1.28	1.42	2.06	2.13
Sound Pressure Level	High	dB(A)	48	50	53	55	55.5
	Medium	dB(A)	46	49	51	54	54
	Low	dB(A)	41	44	47	51	51
Filter	Type		8mm Nylon Filter				
	Access		Both Side & Bottom Withdraw				
Coil	Row No.		4				
	Working Pressure		2.0 MPa				
	Material		Copper tube & Hydrophilic Aluminum				
	Water Volume	L	1.72	2.01	2.21	2.52	3.06
Fan	Type		Galvanized Steel Centrifugal Fan (Forward)				
	Quantity		2	2	2	2	2
Motor	Type		3 Speed PSC Motor				
	Quantity		1	1	1	1	1
	IP/Insulation		IP20 / ≥B				

NOTES:

- 1) All performance is tested under 230V~50Hz and unit couple with return air plenum and 8mm nylon filter.
- 2) The air flow, power input, sound data is tested on standard air condition without water in coil.
- 3) The capacity is tested under M speed, 50Pa and below condition:
---Cooling capacity: Entering air DB/WB: 27°C/19.5°C, water inlet 7°C, water outlet 12°C
- 4) The sound pressure is measured according to GB/T 19232-2019 (1m below the unit bottom).

FWW-T Ceiling Concealed Fan Coil Unit

Dimensions

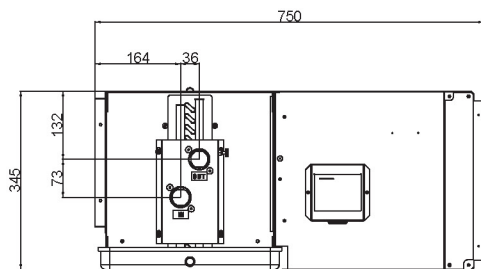


Model	A		G	P	B	C	D	E	F	H	J	K	M	N	Q	R	S
	Standard drain pan	Extend drain pan															
FWW1000T	1195	1395	585	290	952	987	48	1085	1006	65	150	227	254	127	202	66	143
FWW1400T	1195	1395	750	345	952	987	50	1085	985	68	232	221	307	183	248	123	143
FWW1600T	1295	1495	750	345	1053	1087	50	1185	1085	68	232	221	307	183	248	123	143
FWW1800T	1445	1645	750	345	1201	1237	50	1335	1235	68	232	221	307	183*	248	123	143
FWW2000T	1445	1645	780	390	1201	1237	50	1335	1235	68	232	266	354	183*	300	62	250

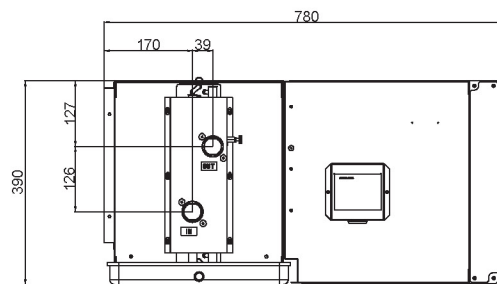
Unit: mm

Model	Package Dimension (L*D*H) mm	Net Weight (kg)		Gross Weight (kg)	
		3 rows	4 rows	3 rows	4 rows
FWW1000T	1211*305*608	34.9	35.7	38.9	39.7
FWW1400T	1211*360*773	50.5	51.6	55	56
FWW1600T	1311*360*773	51.6	52.7	56.8	57.9
FWW1800T	1461*360*773	57.6	58.7	63.3	64.4
FWW2000T	1461*405*803	62.7	64.1	68.5	70

Remark: The water pipe location of FWW1800TF and FWW2000TF is different. Please refer to below drawing.



*Water pipe location for FWW1800TF



*Water pipe location for FWW2000TF

Guide Specifications for FWW Unit

► Unit Description

Factory-assembled, horizontal, galvanized casing, ceiling ducted fan coil unit is complete with water coil, fans, motors, drain pan, filters and all required wiring, with full access to internal components.

► Quality Assurance

Each coil is factory tested for leakage at 2.5MPa air pressure with coil submerged in water. Each unit and its moving components (fans and motors) are factory computer-tested and recorded after unit is complete and before it is packed.

► Factory shall be certified by following standard

1. ISO 9001:2015 certification for Quality Management Systems
2. ISO 14001:2015 certification for Environmental Management Systems
3. ISO 45001:2018 certification for Occupational Health and Safety

► Component Specifications

1.Casing:

Construction is galvanized steel, lined on the inside with thermal and acoustical insulation. Return air plenum is lined with XPE and has a collar for return duct connection. Supply duct connection also has a collar. Removable bottom panel is provided for access to the fan/motor assembly.

2. Coil:

Standard unit is equipped with a 3-rows, 4-rows or 3+1 rows coil for installation in a 2-pipe or 4-pipe system. Coil has seamless copper tubes, fins hydrophilic aluminum bonded to the tubes by mechanical expansion.

3. Fan:

Direct-driven centrifugal fan wheel has forward-curved blades which are statically and dynamically balanced.

The fan housing and blades are constructed of high quality hot-galvanized steel.

4.Motor:

Fan motor is 3-speed, permanent split-capacitor with ball type bearing and build-in automatic reset thermal overload protection. Motors have permanently lubricated ball bearings.

5. Drain Pan

Drain pan shall be die-formed steel, sloped to the piping connection, which will be threaded for easy connection. Both its sides are sprayed and outer side insulated with 6mm NBR that complies with GB 8624 B1 class requirement. It extends under the full length and width of the coils and is pitched for positive drainage with features of high anti-corrosion, anti-condensation and high fire reluctance.

6. Filter

Filter is with washable type Nylon filter with 8mm thickness.

Warning

- Daikin Industries, Ltd.'s products are manufactured for export to numerous countries throughout the world. Daikin Industries, Ltd. does not have control over which products are exported to and used in a particular country. Prior to purchase, please therefore confirm with your local authorized importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. The units should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the unit close to the sea shore, contact your local distributor.