

SINKO

COLUMN FAN COIL UNIT

TFVL Series

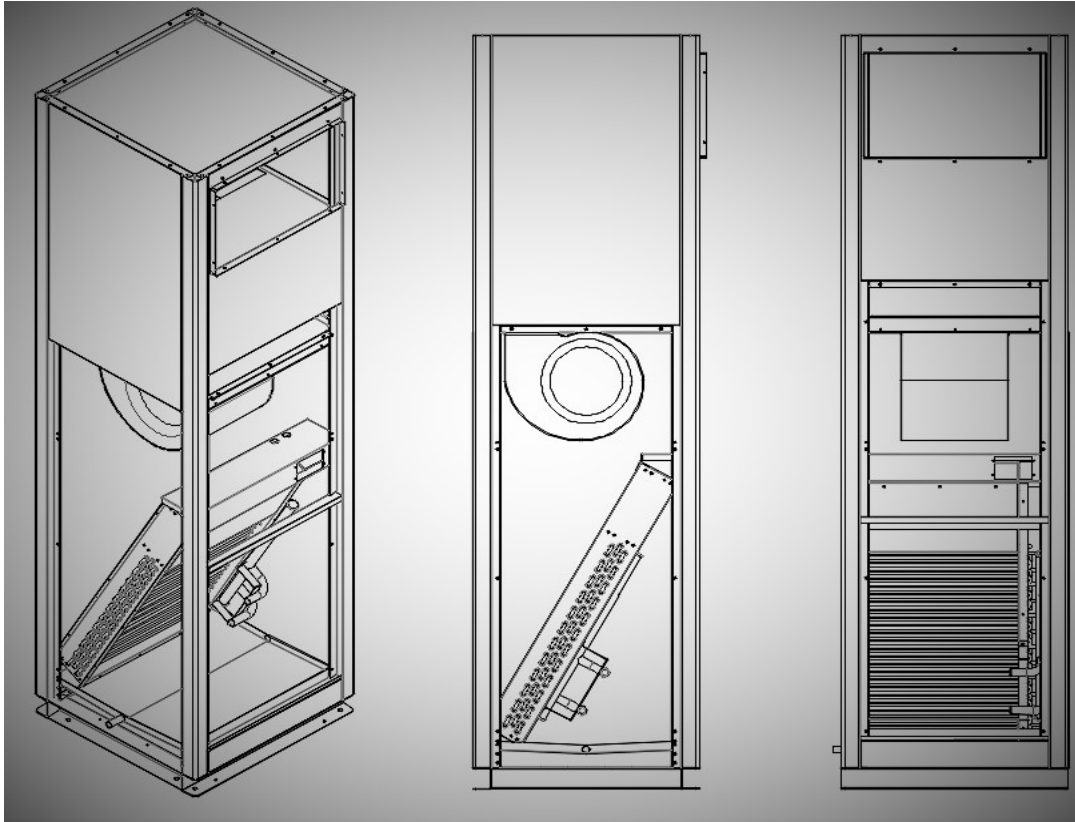


TFVL-2022A

Model TFVL Column Fan Coil Unit can provide the maximum economy and air conditioned comfort.

- Quite fan wheel of 9" × 9" or 10" × 10" diameter driven by factory assembled quality motor.
- 3-speed PSC motor or EC type motor.
- Sealed for life, low noise ball bearing.
- Maximum safety by metal covered motor-condenser and flexible metal conduit.
- 3-row cooling for 2-pipe operation.
- 3-row cooling + 1-row heating for 4-pipe operation.

- Model TFVL unit is fabricated by rigid AL-ZN coated steel casing complete with well-balanced metal constructed DIDW fan(s) driven by PSC motor(s) to suit required field power source using metal-covered condenser and protected by flexible metal or plastic conduit.
- 3-row or 4-row coil(optional 3-row cooling + 1-row heating split circuit for Model TFVL-DC).
- 10 mm fiberglass casing insulation and 6mm standard high density, self-fire-extinguishing drain pan insulation.
- For servicing purpose, the fan motor deck can be removed from the coil section by externally unscrewing the fixtures accessible from the front of the unit.
- Standard plenum can be fitted to the unit where so required at the time of ordering.

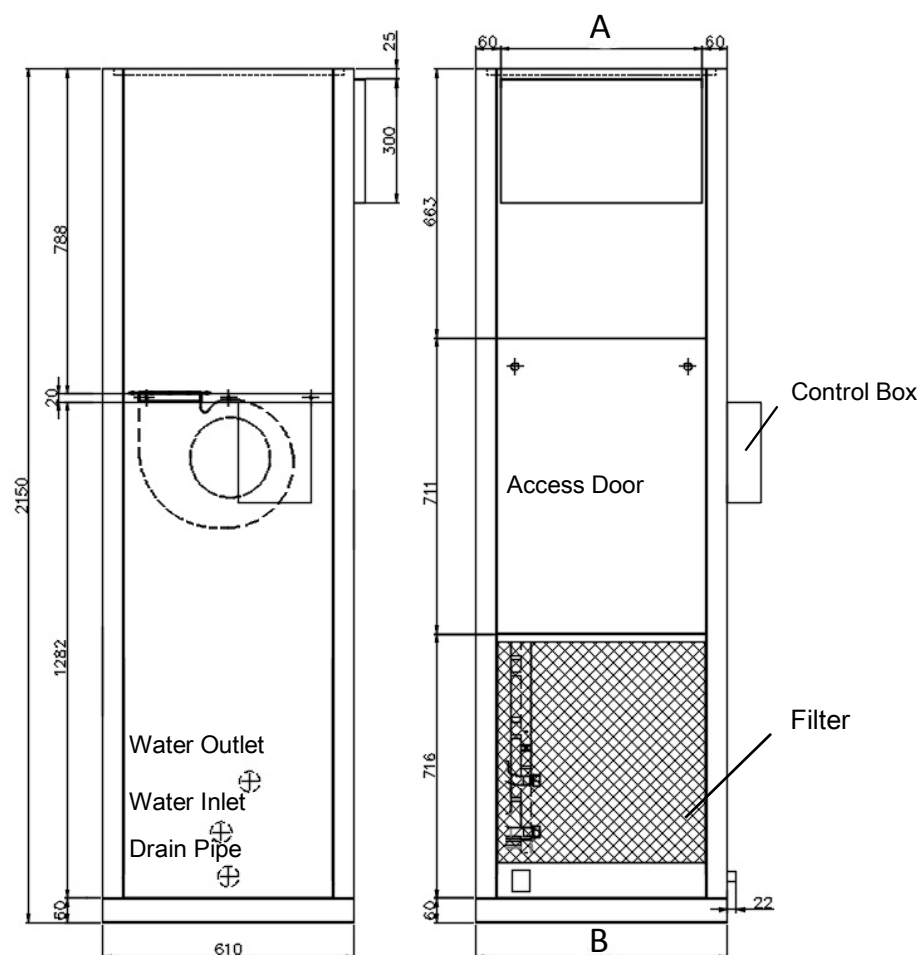


Type		Vertical column type fan coil unit		
Model		TFVL / TFVL-DC		
Size		600	800	1200
Cooling capacity (kW)		5.3	7.0	10.5
Fan	Type	Metal fabricated, Forward-curved DIDW centrifugal fan		
	No. of fan wheel	9’’x9’’x1	9’’x9’’x1	10’’x10’’x1
	Nominal air volume (l/sec)	283	378	566
Motor	Type	Permanent split capacitor (PSC) motor		Electronically commutated (EC) motor
	Power supply	AC 220V or 230V/1PH/50Hz		
	No. of motor	1	1	1
	Max.(Watt) power input	180	230	580
Coil	Type	Slit surface aluminum fins mechanically bonded to copper tube, complete with water in/out sockets, manual air vent and drain nut.		
	FPI/Tube diameter	12 FPI / 3/8’’ OD		
	Operating pressure	1700kPa(250psig) maximum , unless otherwise specified		
Piping	Inlet / Outlet	3/4’’ FPT Connection		
	Drain	3/4’’ MPT Connection		
Filter	Type	12 mm aluminum mesh		
Water flow (l/sec)		0.253	0.336	0.504
Weight (kg)		140	143	170

Note:

1.Entering Air Temperature : DB 27/WB19.5℃ ; Entering Water Temperature : 7℃

2.External Static Pressure : 50Pa



Model Size	A	B	C
600	490	610	2150
800	490	610	2150
1200	580	700	2150



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