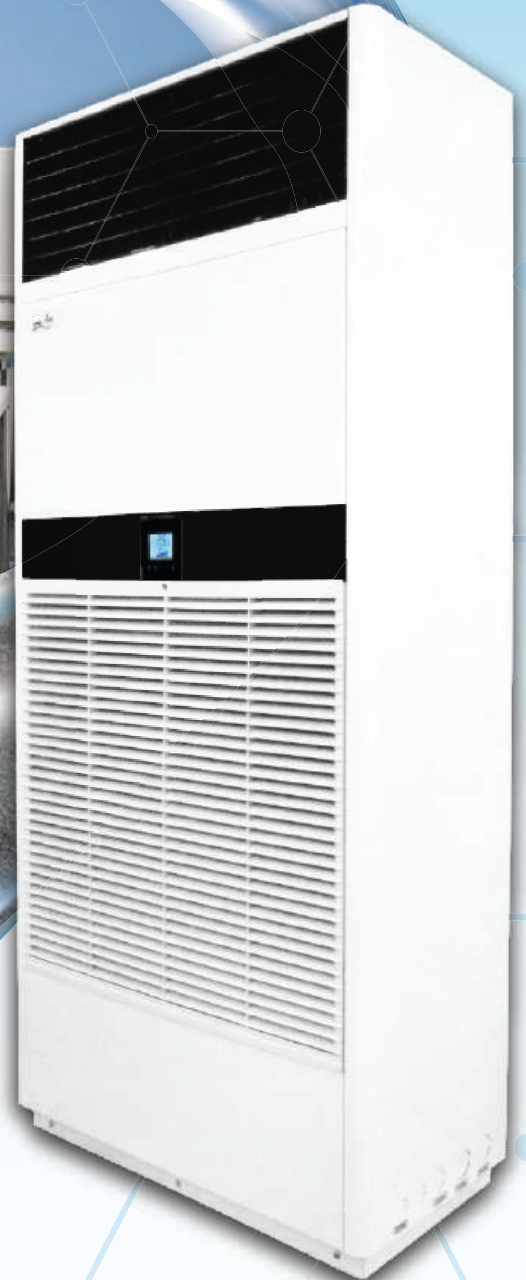


Chilled Water Fan Coil Unit Floor standing Type



Air Conditioner Model : TGF-W (Water coil)

Deliver cool air further to every area of the room

Modern design. Touch screen control. Durable casing. Four directional louvers deliver strong airflow yet quiet operation.

Modern Design



Airflow Direction Control

Horizontal and vertical auto-swing louvers deliver airflow in 4 directions.



3-Step Motor

3 steps adjustable wind blow High-Medium-Low
For Turbo cool or Quiet cool



Redesign



Touch Control

Modern Touch-interface control panel



Backlit Display

Easy to see in the dark



Remote Control (Option)

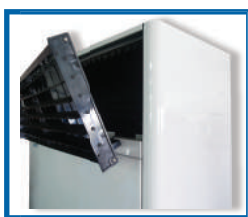
Wireless remote control for controlling air conditioners from a distance.



Easy to clean and maintenance



Blower and fan motor set



Return air grille and air filter



Supply air grille



Evaporator coil and drain pan

Easy to Install

Easy and Time-saving Installation

3 outlets for refrigerant and drain pipes, suitable for every space.



Left side

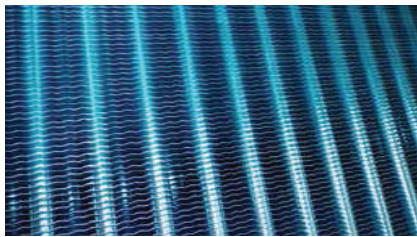


Rear side



Right side

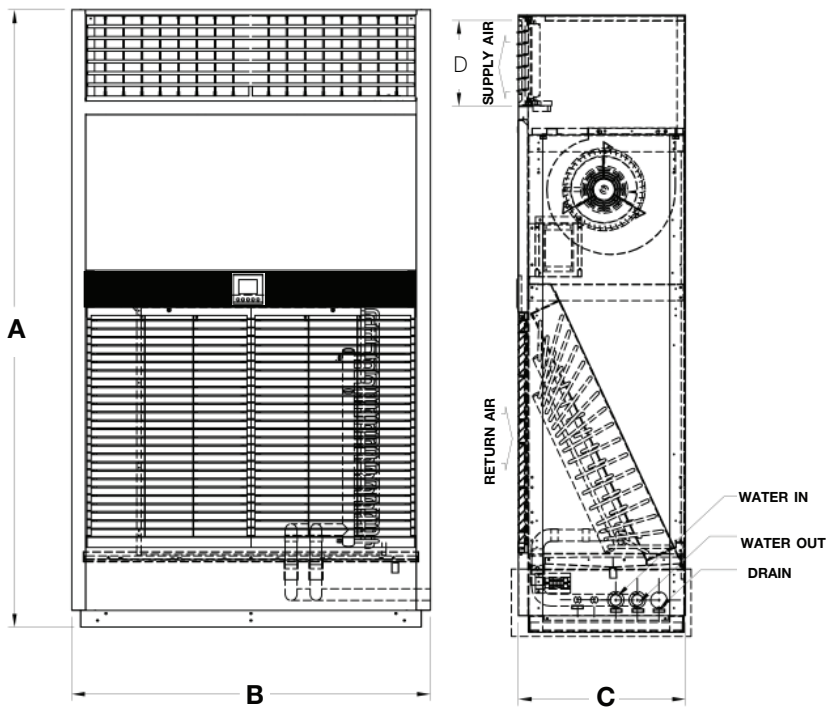
Hydrophilic Coil



Blue fin coated evaporator coil provides hydrophobic property for bad odor and mold reducing. Energy saving and last longer than normal fins.

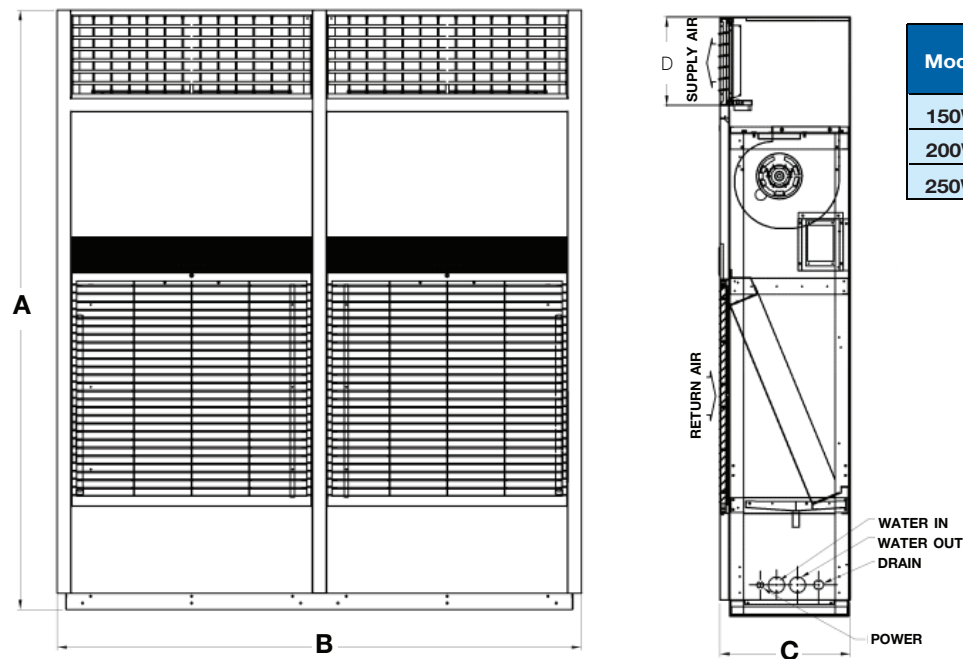
DIMENSIONAL DRAWINGS MODEL : TGF-W

MODEL : TGF-40W to TGF-120W



Model	Dimension : TGF_W				
	A	B	C	D	WATER (IN/OUT)
40W	1,850	582	463	257	7/8"
50W	1,850	830	403	273	1-1/8"
60W	1,850	830	403	273	1-1/8"
80W	1,850	1,079	503	257	1-3/8"
90W	1,850	1,079	503	257	1-3/8"
100W	1,850	1,079	503	257	1-3/8"
120W	1,850	1,079	503	257	1-3/8"

MODEL : TGF-150W to TGF-250W



Model	Dimension : TGF_W				
	A	B	C	D	WATER (IN/OUT)
150W	1,850	1,619	403	273	1-1/2"
200W	1,850	2,117	503	257	2"
250W	1,850	2,117	503	297	2"

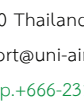
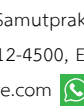
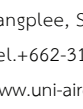
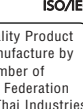
Model	Entering	Entering Air Temp.(° Fdb/°Fwb)															
	Chilled	76/63				78/65				80/67				82/69			
	Water	Total	Sensible	Chilled	Water	Total	Sensible	Chilled	Water	Total	Sensible	Chilled	Water	Total	Sensible	Chilled	Water
	Temp.	Capacity	Capacity	Water	Pressure	Capacity	Capacity	Water	Pressure	Capacity	Capacity	Water	Pressure	Capacity	Capacity	Water	Pressure
	°F	(BTUH)	(BTUH)	Flow rate	Drop	(BTUH)	(BTUH)	Flow rate	Drop	(BTUH)	(BTUH)	Flow rate	Drop	(BTUH)	(BTUH)	Flow rate	Drop
TGF-40W	40	36,500	27,800	7.30	9.47	44,300	31,100	8.86	13.31	51,900	33,900	10.38	17.55	59,800	36,700	11.96	22.50
	45	33,900	27,300	6.78	16.83	41,300	30,200	8.26	23.74	48,500	32,900	9.70	31.67	56,000	35,300	11.20	40.69
	50	30,000	26,500	6.00	45.59	36,900	29,100	7.38	65.48	43,900	31,400	8.78	88.97	51,200	33,700	10.24	116.37
TGF-50W	40	34,500	27,900	6.90	1.49	40,000	29,500	8.00	1.92	50,600	34,300	10.12	2.91	60,600	38,200	12.12	3.99
	45	34,900	29,400	6.98	3.06	42,300	32,200	8.46	4.31	51,300	35,700	10.26	6.04	60,500	39,000	12.10	8.07
	50	33,300	30,400	6.66	9.49	41,100	33,100	8.22	13.74	49,400	36,100	9.88	18.99	58,100	38,900	11.62	25.25
TGF-60W	40	42,800	34,600	8.56	1.62	49,400	36,500	9.88	2.08	62,100	42,200	12.42	3.11	74,300	47,000	14.86	4.27
	45	43,100	36,400	8.62	3.31	51,900	39,600	10.38	4.60	63,000	44,000	12.60	6.45	74,200	48,000	14.84	8.63
	50	41,200	37,700	8.24	10.27	50,400	40,900	10.08	14.70	60,700	44,500	12.14	20.33	71,400	48,000	14.28	27.03
TGF-80W	40	55,200	44,700	11.04	1.75	63,200	46,900	12.64	2.23	79,300	54,100	15.86	3.32	94,900	60,100	18.98	4.55
	45	55,300	46,900	11.06	3.56	66,300	50,700	13.26	4.90	80,300	56,300	16.06	6.88	94,700	61,400	18.94	9.19
	50	52,900	48,700	10.58	11.07	64,400	52,400	12.88	15.69	77,500	57,100	15.50	21.71	91,200	61,500	18.24	28.88
TGF-90W	40	76,700	59,500	15.34	12.3	93,000	66,300	18.60	17.28	109,100	72,400	21.82	22.91	125,700	78,100	25.14	29.44
	45	71,300	58,700	14.26	31.96	86,800	64,800	17.36	31.05	102,200	70,400	20.44	41.3	118,300	75,700	23.66	53.52
	50	63,400	57,500	12.68	60.04	78,100	62,900	15.62	86.47	93,000	67,900	18.60	117.41	108,600	72,800	21.72	154.73
TGF-100W	40	76,700	60,600	15.34	3.76	94,800	68,500	18.96	5.47	113,500	76,000	22.70	7.51	132,600	82,900	26.52	9.87
	45	74,200	61,800	14.84	7.19	91,900	69,500	18.38	10.49	109,500	75,800	21.90	14.29	127,600	81,900	25.52	18.67
	50	68,700	62,500	13.74	21.1	85,300	68,800	17.06	30.94	102,100	74,600	20.42	42.35	119,700	80,200	23.94	56.21
TGF-120W	40	92,800	73,300	18.56	5.66	115,200	83,100	23.04	8.28	136,800	91,700	27.36	11.22	158,800	99,400	31.76	14.552
	45	89,300	74,500	17.86	10.7	110,000	83,000	22.00	15.43	130,500	90,600	26.10	20.87	151,700	97,800	30.34	27.17
	50	81,900	74,900	16.38	30.84	101,200	82,000	20.24	44.79	120,900	88,800	24.18	61.18	141,500	95,300	28.30	80.65
TGF-150W	40	111,200	88,900	22.24	2.886	133,200	97,400	26.64	3.97	161,100	108,900	32.22	5.55	189,300	119,300	37.86	7.38
	45	107,800	90,900	21.56	5.53	131,600	100,100	26.32	7.87	157,600	110,100	31.52	10.82	184,200	119,300	36.84	14.22
	50	101,400	93,300	20.28	16.69	124,000	101,000	24.80	23.83	148,700	109,600	29.74	32.76	174,600	117,900	34.92	43.38
TGF-200W	40	146,500	116,700	29.30	3.24	177,200	129,100	35.44	4.54	213,200	143,800	42.64	6.28	249,800	157,100	49.96	8.30
	45	141,200	118,700	28.24	6.15	173,400	131,600	34.68	8.84	207,200	144,500	41.44	12.11	241,900	156,400	48.38	15.87
	50	132,400	121,500	26.48	18.44	162,500	132,000	32.50	26.48	194,700	143,300	38.94	36.34	228,300	154,000	45.66	48.07
TGF-250W	40	184,400	145,800	36.88	5.57	228,300	165,000	45.66	8.12	271,000	181,800	54.20	10.99	314,300	197,100	62.86	14.24
	45	176,900	147,900	35.38	10.47	217,700	164,600	43.54	15.09	258,300	179,700	51.66	20.42	300,200	193,800	60.04	26.56
	50	162,600	149,100	32.52	30.31	200,200	162,600	40.04	43.78	239,200	176,100	47.84	59.80	280,000	189,000	56.00	78.82

With International standard quality guaranteed by customers over 70 countries

SPECIFICATION MODEL : TGF-W (CHILLED WATER COIL)												
Model		TGF	40W	50W	60W	80W	90W	100W	120W	150W	200W	250W
Cooling Capacity		BTUH	48,500	51,300	63,000	80,300	102,200	109,500	130,500	157,600	207,200	258,300
		W	14,214	15,035	18,463	23,534	29,952	32,091	38,246	46,188	60,724	75,700
Air Flow Rate		CFM	1,300	1,600	2,000	2,600	3,000	3,300	4,000	5,000	6,500	8,000
		m³/h	2,209	2,718	3,398	4,417	5,097	5,607	6,796	8,495	11,044	13,592
Water Flow Rate		GPM	9.70	10.26	12.60	16.06	20.44	21.90	26.10	31.52	41.44	51.66
		L/s	0.61	0.65	0.79	1.01	1.29	1.38	1.65	1.99	2.61	3.26
Power Supply		V/Ph/Hz	220/1/50									
Power Consumption		Watt	653	598		1,544				1,132	1,588	
Rated Current		A	3.11	2.72		3.51 x 2				2.72	2.25	
Cooling Coil	Face Area	Ft	3.33	3.67	4.33	5.33	5.78	6.89	7.56	9.57	12.5	14.58
	Type	Aluminium Corrugated Blue Fin With Copper Tube										
	Row...FIN	4...12										
	Tube Size	Inch	3/8									
Fan Motor		Q'ty	1			2					4	
Power Motor Output		Watt	297	352		330X2				352x2	330x4	
Fan Blower		Type	Multi Blade Centrifugal Fan									
		Q'ty	1	2					4			
Control		Type	Built-in Digital Thermostat (Option Wireless Remote Control)									
Air Filter		Type	Washable PP.Net									
Connection	water In	Inch (BSP)	3/4	1		1-1/4				1-1/2	2	
	water Out	Inch (BSP)	3/4	1		1-1/4				1-1/2	2	
	Drain	Inch	7/8									
Dimension	Height	mm.	1,850									
	Width	mm.	582	830		1,079				1,619	2,117	
	Depth	mm.	463	403		503				403	503	
Weight		Kg	85	105	108	136	137	140	143	-	-	-

* Shown capacity based on : Ent. Air temp. 80° F db /67° F wb
Chilled water temp in/out 45/55° F

**Eurovent certified for mode DAHH only.



UNIAIRE CORPORATION CO., LTD.

69 Moo 3 Kingkeaw Rd., Rachatewa District,
Bangplee, Samutprakarn 10540 Thailand

Tel.+662-312-4500, Email.export@uni-aire.com

www.uni-aire.com Whatsapp.+666-2312-3069