



AHRI CERTIFIED[®]
www.ahridirectory.org

Air-Cooling and Air-Heating Coils
AHRI Standard 410



Chilled Water Fan Coil Unit Floor/Ceiling Type



Air Conditioner Model UFO_WH

Fill up room space quickly with cool air. Easy installation, either hang on the ceiling or sit on the floor. Let your business runs smoothly.

Cooling Coil (Chilled Water)

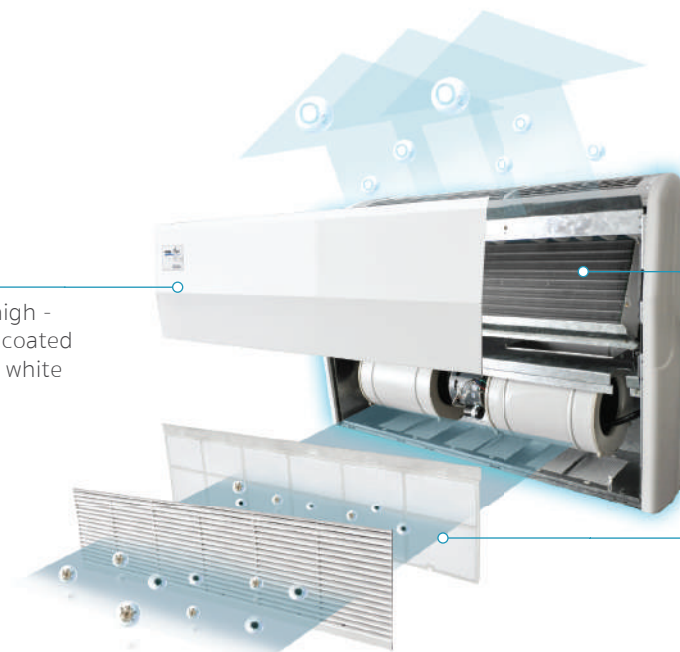
- **AHRI Certified Coils**

AHRI Certified is the trusted mark of performance for heating, air conditioning, water heating, and commercial refrigeration equipment. Products earning the mark are subject to rigorous, independent, annual evaluation to ensure that they perform according to the participant's published claims. Certifying equipment and component performance allows consumers to compare products based on independently verified performance ratings. To find AHRI Certified products, go to www.ahridirectory.org.



- **Constructed of copper tube with corrugated aluminium fin**
- **High heat transfer surface**
- **Leak tested at 250 psig**

Fan coil Unit



Durable material

casing made from high - quality metal sheet, coated with anti - oxidation white powder coated

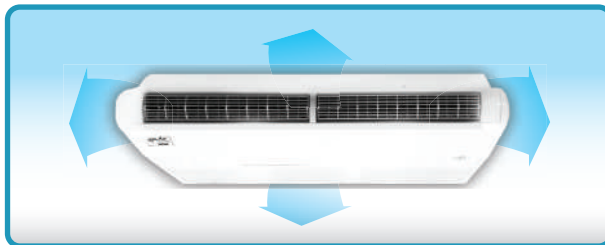
Copper tube

plain Copper Tube.
Reduce pressure drop

Large Dust Filters

Reduce large dust particles from room environment, easy to clean with warm water

Air Conditioner Model : UFAQ-WH (Water coil)



Manually adjustable air vent in 4 directions left - right & upper - lower



Deliver cool air in wide area including area below the unit



Ceiling Mounted



Floor Mounted

Available in floor mounted and ceiling mounted in one unit

Thermostat



options

Digital wired thermostat

Modern-designed, easy-to-use digital wired thermostat with LCD display. Can be used as a control signal receiver from wireless remote controller

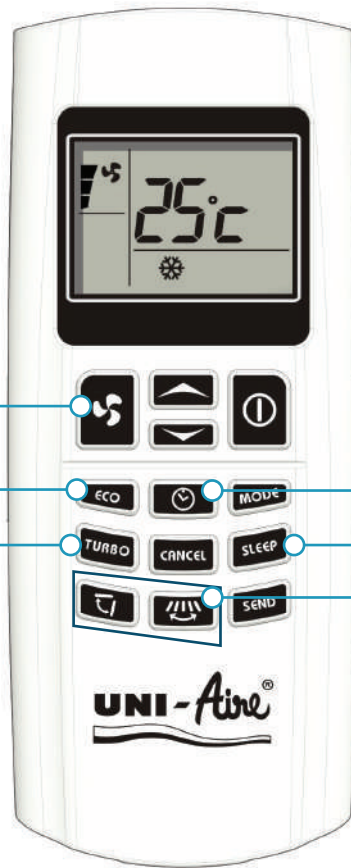
options

Wireless digital thermostat

4 Speed Motor
4 speeds adjustable wind blow Turbo-High-Medium-Low For Turbo cool or Quiet cool.

ECO Mode
Power saving by automatically setting temperature at 25 °C

Turbo Fan
Powerful turbo motor delivers coolness to the room quickly yet quietly.



Timer On / Off
24-hour timer for turning on or turning off the air conditioning system

Sleep Mode
Adjust suitable temperature for sleeping time

4 Directional airflow
Manually adjustable air vent in 4 directions left - right & upper - lower (Can not be used)

options

Wired digital remote controller WIFI



With WIFI controller, multiple units in a same or different area can be operated from anywhere through internet connection



Residence



Hotel



Office



Other places



Performance Data

Model	Entering Chilled Water Temp. °F	Entering Air Temp.(° F db/°F wb)															
		76/63				78/65				80/67				82/69			
		Total Capacity	Sensible Capacity	Chilled Water Flow rate	Water Pressure Drop	Total Capacity	Sensible Capacity	Chilled Water Flow rate	Water Pressure Drop	Total Capacity	Sensible Capacity	Chilled Water Flow rate	Water Pressure Drop	Total Capacity	Sensible Capacity	Chilled Water Flow rate	Water Pressure Drop
		(BTUH)	(BTUH)	(GPM)	(ft.wg)	(BTUH)	(BTUH)	(GPM)	(ft.wg)	(BTUH)	(BTUH)	(GPM)	(ft.wg)	(BTUH)	(BTUH)	(GPM)	(ft.wg)
UFQ-12WH	40	8,000	6,700	1.60	0.70	8,900	6,800	1.78	0.85	11,000	7,700	1.54	1.23	13,600	8,800	2.72	1.79
	45	8,400	7,400	1.68	1.56	9,600	7,600	1.92	1.95	11,800	8,500	1.70	2.82	14,100	9,300	2.82	3.85
	50	8,300	7,900	1.66	5.09	9,700	8,200	1.94	6.78	11,800	8,900	1.78	9.50	14,000	9,700	2.80	12.80
UFQ-18WH	40	13,200	10,500	2.64	2.29	16,400	11,900	3.28	3.35	19,600	13,200	2.64	4.58	22,900	14,400	4.58	6.02
	45	12,800	10,800	2.56	4.39	15,900	12,100	3.18	6.40	18,900	13,200	2.64	8.72	22,100	14,300	4.42	11.39
	50	11,900	10,900	2.38	12.81	14,800	12,000	2.96	18.89	17,700	13,000	2.60	25.87	20,700	14,000	4.14	34.17
UFQ-25WH	40	16,300	13,400	3.26	0.60	18,200	13,600	3.64	0.73	23,500	16,100	3.22	1.14	28,600	18,200	5.72	1.62
	45	17,000	14,400	3.40	1.30	20,100	15,400	4.02	1.76	24,700	17,300	3.46	2.52	29,300	19,000	5.86	3.42
	50	16,400	15,100	3.28	4.15	20,100	16,300	4.02	5.89	24,300	17,800	3.56	8.24	28,700	19,200	5.74	11.01
UFQ-30WH	40	19,800	16,300	3.96	0.84	21,800	16,500	4.36	1.00	27,300	18,900	3.78	1.49	33,200	21,300	6.64	2.09
	45	20,200	17,400	4.04	1.77	23,300	18,100	4.66	2.28	28,500	20,300	4.06	3.26	33,900	22,200	6.78	4.40
	50	19,600	18,300	3.92	5.65	23,300	18,200	4.66	7.65	28,500	21,000	4.20	10.75	33,000	22,700	0.66	14.38
UFQ-36W	40	26,100	21,000	5.22	1.63	30,700	22,600	6.14	2.17	37,500	25,400	5.08	3.09	44,200	27,900	8.84	4.12
	45	25,500	21,600	5.10	3.16	30,800	23,500	6.16	4.43	37,000	25,900	5.18	6.10	43,400	28,200	8.68	8.10
	50	24,100	22,300	4.82	9.66	29,400	24,000	5.88	13.70	35,300	26,100	5.22	18.90	41,500	28,100	8.30	25.10
UFQ-40WH	40	29,300	23,700	5.86	2.00	33,800	25,100	6.76	2.58	41,200	28,200	5.64	3.64	48,600	31,000	9.72	4.88
	45	28,600	24,500	5.72	3.89	33,800	26,200	6.76	5.22	40,700	28,900	5.78	7.24	47,900	31,400	9.58	9.63
	50	27,200	25,400	5.44	11.90	32,400	26,800	6.48	16.25	39,000	29,200	5.84	22.58	46,000	31,400	9.20	30.01
UFQ-50WH	40	37,300	29,400	7.46	4.11	46,000	33,200	9.20	5.95	54,500	36,500	7.30	8.03	63,200	39,600	12.64	10.39
	45	35,600	29,700	7.12	7.66	43,700	33,000	8.74	11.01	51,800	36,000	7.20	14.88	60,200	38,800	12.04	19.34
	50	32,700	30,000	6.54	22.20	40,100	32,600	8.02	31.85	48,000	35,300	7.06	43.49	56,100	37,900	11.22	57.31
UFQ-60WH	40	4,400	35,500	0.88	2.15	52,500	38,500	10.50	2.89	63,300	42,900	8.58	4.02	74,300	46,900	14.86	5.33
	45	42,900	36,200	8.58	4.10	51,600	39,400	10.32	5.68	61,700	43,300	8.66	7.77	72,200	46,900	14.44	10.25
	50	40,300	37,200	8.06	12.31	48,600	39,800	9.72	17.21	58,400	43,200	8.64	23.66	68,500	46,400	13.70	31.35

Remark : Shown cooling capacity based on max air flow rate. Chilled water temp rise 10°F

With International standard quality guaranteed by customers over 70 countries

PHYSICAL DATA & ELECTRICAL DATA

Model	UFQ	12WH	18WH	25WH	30WH	36WH	40WH	50WH	60WH	
Cooling Capacity	BTUH	11,800	18,900	24,700	28,500	37,000	40,700	51,800	61,700	
	W	3,458	5,539	7,239	8,353	10,844	11,928	15,181	17,584	
Air Flow Rate	CFM	450	600	800	1,000	1,200	1,400	1,600	2,000	
	m³/h	765	1,019	1,359	1,699	2,039	2,379	2,718	3,398	
Water Flow Rate	GPM	2.36	3.78	4.94	5.70	7.40	8.14	10.36	12.00	
	L/s	0.15	0.24	0.31	0.36	0.47	0.51	0.65	0.76	
Power Supply	V/Ph/Hz	220/1/50								
Power Consumption	Watt	77	99	130	187	254	406	546		
Rated Current	A	0.35	0.45	0.59	0.85	0.58 x 2	1.25 x 2	1.25 x 2		
Cooling Coil	Face Area	Ft	1.25	1.94	2.64	3.26	4.03			
	Type	Aluminium Corrugated Fin With Copper Tube								
	Row...FIN	3...12			3...14			4...12		
	Tube Size	Inch	1/2							
Fan Motor	Q'ty	1				2				
Power Motor Output	Watt	32	45	66	87	67	134	158		
Fan Blower	Type	Multi Blade Centrifugal								
	Q'ty	2				4				
Control	Type	Wired Analog Remote Control or Wireless Remote Control (Option)								
Air Filter	Type	Washable PP. Net								
Connection	water In	Inch (BSP)	3/4				1			
	water Out	Inch (BSP)	3/4				1			
	Drain	Inch	3/4							
Dimension	Height	mm.	623							
	Width	mm.	729	978	1,278			1,578	1,878	
	Depth	mm.	243				273			
Weight	Kg	36	35	38	49	65	74	84	95	

* Shown capacity based on : Entering. Air temp. 80° F db /67°F wb
Chilled water temp inlet/outlet 45/55°F



ISO 9001
ISO 14001
ISO 45001



ISO/IEC 17025



NSC-TSI-TIS 17025
TESTING 0593



THAILAND
TRUSTED QUALITY

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