



Innovative and Efficient Solutions for You



Expect More...
It is in the details



Preliminary

Rooftop | UATQ-C
(5-25Tons)

R-410A

Exceptional performance in a compact design



Main Features

High Efficiency

High efficiency scroll compressors, optimized heat exchangers and high-performing fans, the rooftop UATQ-C series is designed to ensure a high energy efficiency and reduced power consumption.

High Ambient Design

- › Specially designed to deliver top performance in both standard and high ambient temperature conditions, in terms of capacity and efficiency. Less than 15% capacity deterioration at T3 with continuous operation up to 52°C.
- › Higher efficiency: EER up to 4.05 W/W (13.51 Btu/hr/W)

Third party proven performances

The cooling performances and energy efficiency of the system are tested and verified by internationally accredited laboratory, i.e Intertek meeting or exceeding GCC standards (i.e ESMA, ESTIDAMA and MEW)

Wide operation range

The units operate from 19°CDB to 52°CDB in cooling mode.

19°CDB

52°CDB



Auto random restart with last state memory

The controller ensure individual unit restarts randomly and automatically with previous operation setting , to prevent power surge after a blackout.

Compact and light

The flat top design of the unit allows for maximum utilization of warehouse and container space, while the light frame ensures ease of handling and installation.

External Service

Pressure can be checked without opening the unit.

Indoor air quality

- › The standard washable filter can easily be accessed for facilitated maintenance.
- › An additional field supplied filter can easily be installed on the 2 inch rail to meet the indoor air quality requirements of the application.

Flexibility of Air supply

A belt driven fan is used such that the air volume and static pressure needed can be adjusted according to the requirements. This flexibility allows for wider application and offers the possibility to reach the best working conditions considering the unit’s characteristics.

Corrosion Protection indoor and outdoor

UltraGold fin condenser and evaporator coils are standard on all units for superior corrosion protection even in the harshest environment especially in coastal areas (1000 Hrs salt spray tested.)

Coil Guard

The condenser coil is protected by coil guard to prevent accidental damage during transportation, handling and installation.

Dust Proof Sealed Bearings

Ensures the reliability of outdoor motor and smooth operation all year around.

Phase Protection

A three phase line monitor module protects the unit components against phase less, phase reversal and phase unbalance.

Independent Staged Cooling

The unit is designed with two independent refrigerant circuits, each controlled separately for maximum part load efficiency and durability.



Optional Accessory

BMS ACCESS GATEWAY (BAG)		
Dry Contact	Inputs	<ul style="list-style-type: none"> ✓ Force OFF ✓ ON/OFF ✓ Operating mode (Cool/Heat) ✓ Temperature setting
	Outputs	<ul style="list-style-type: none"> ✓ ON/OFF Status ✓ Operating mode (Cool/Heat) ✓ Fault/ Error

Controller Features

- › Real time clock with 7 days programmable timer.
- › Temperature setting of 16 °C to 30 °C.
- › Energy saving mode.
- › 4 wire thermostat
- › Compressor balance loading to optimise lifetime.
- › Key lock function.
- › Error code display



Cooling Only

INDOOR UNIT			UATQ60C	UATQ90C	UATQ120C	UATQ150C*	UATQ180C	UATQ210C*	UATQ240C*	UATQ300C*
Cooling Capacity	Btu/hr (1)		61,000	90,000	121,500	150,000	181,000	210,000	240,000	300,000
	Btu/hr (2)		51,780	77,000	103,300	129,000	156,000	178,500	240,000	255,000
	Btu/hr (3)		50,800	75,000	99,600	123,500	147,000	168,000	192,000	240,000
Power Consumption	kW (1)		4.52	7.20	9.45	12.00	14.72	17.47	20.68	25.85
	kW / TR (3)		1.38	1.49	1.52	1.52	1.52	1.52	1.55	1.55
EER	Btu/hr/W (1)		13.51	12.49	13.86	12.50	12.28	12.00	11.60	11.60
	Btu/hr/W (2)		9.15	8.95	9.08	8.41	9.00	8.41	8.12	8.12
Indoor External Static Pressure	Pa		50-500	50-500	50-500	50-500	50-500	50-600	50-600	50-600
Airflow	cfm		2,000	2,800	4,400	5,000	7,000	7,000	8,000	10,000
Outdoor Sound Performance	Sound Pressure	dBA	61	62	65	67	68	69	70	72
	Sound Power	dBA	81	83	83	85	87	88	88	89
Dimensions	Height	mm	1,150	1,350	1,390	1,390	1,690	1,650	1,650	1,750
	Width	mm	1,280	1,280	1,965	1,965	1,965	2,410	2,410	2,410
	Depth	mm	1,520	1,520	1,630	1,630	1,905	2,030	2,030	2,030
Weight	Net	kg	350	380	590	650	840	TBD	TBD	TBD
	Gross	kg	370	400	620	680	870	TBD	TBD	TBD
Operating range	Cooling	°CDB	19 ~ 52							
Refrigerant			R-410A							
Power Supply	V/Ph/Hz		380-415/3/50							

* Data on these models are preliminary

(1) Nominal cooling capacity based on 27°CDB / 19°CWB indoor and 35°CDB outdoor

(2) Nominal cooling capacity based on 29°CDB / 19°CWB indoor and 46°CDB outdoor

(3) Nominal cooling capacity based on 26.6°CDB / 19.4°CWB indoor and 48°CDB outdoor

Zero ozone depletion potential for a reduced impact on the environment

■ Product availability: October 2015

■ Product availability: February 2016

■ Product available Soon

For more details on availability, please contact your sales representative.



Powerful Cooling

Rapid cooling and powerful, even if outside temperature is very high.



R-410A

Zero ozone depletion potential for a reduced impact on the environment.



Energy Saving

Daikin offers efficient operation on its equipment for lower electricity consumption. This also contributes to reduce CO₂ emissions.



User Friendly

Easy installation, easy operating procedures and friendly shape buttons.



Tropical Compressor

The tropical compressor is able to handle and operate fully under extreme weather conditions.

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ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE