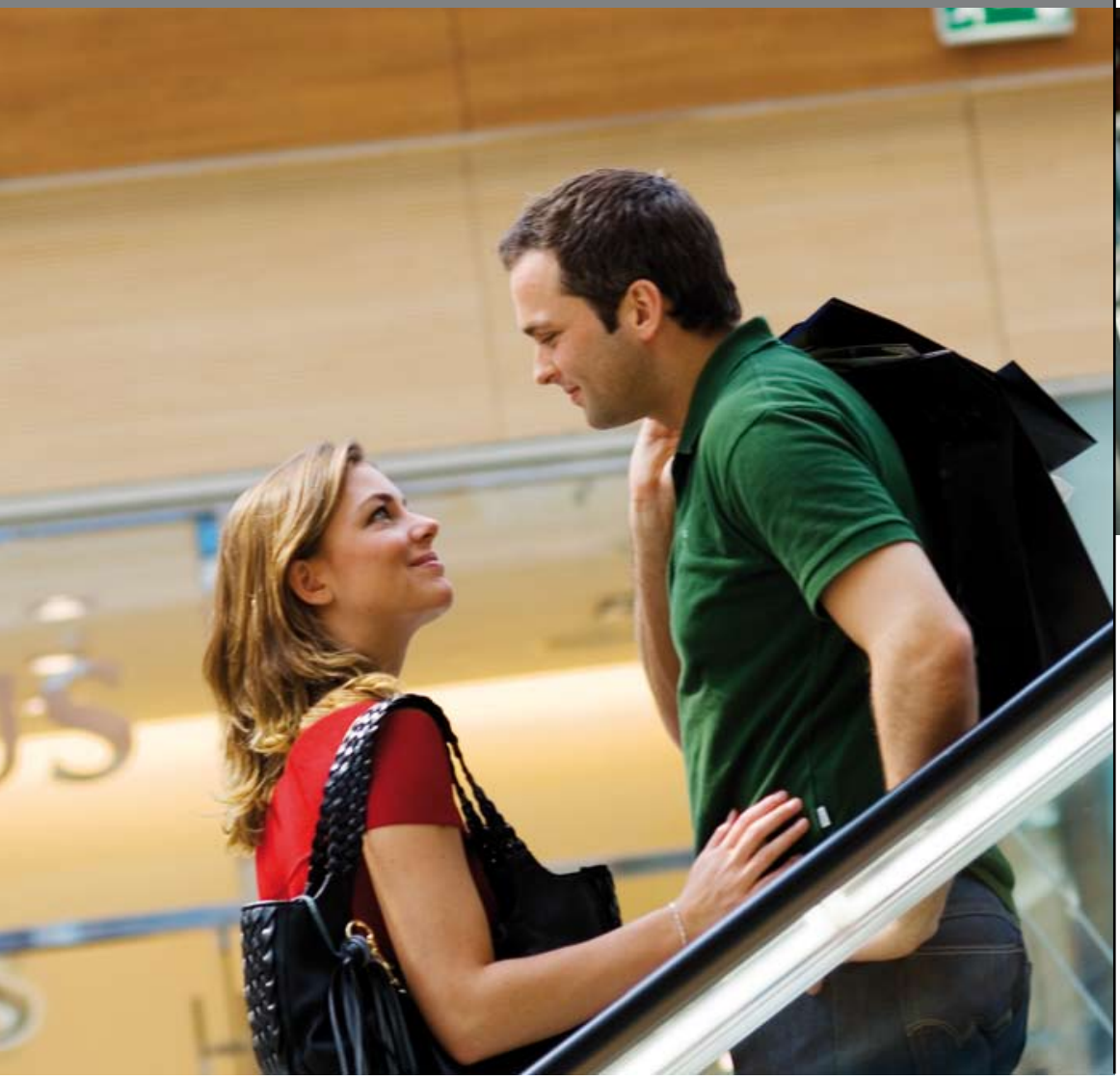
DAIKIN

AIR CONDITIONING

ROOFTOP UNIT



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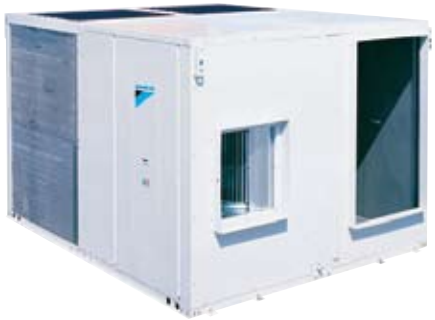
UATP-AY1
UATYP-AY1



R-407C

HIGH EFFICIENCY

Supplied with high efficiency and reliable scroll compressors, optimized heat exchangers and high-performing fans, the rooftop UAT(Y)P series are designed to ensure a high energy efficiency and reduced consumption.

PACKAGED UNIT

The unit's unique air conditioning 'plug and play' concept and single unit configuration allow hassle free installation without the need for additional piping since both indoor and outdoor sides are pre-connected. Factory pre-charged refrigerant ensures clean and efficient operation.

FLEXIBILITY OF AIR SUPPLY

A belt driven fan is used such that the air volume and static pressure required 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.

COOLING ONLY					**UATP180AY1**
Capacity	Cooling	Minimum		kW	17.291
Power Input	Cooling	Nominal		kW	5.89
EER	Cooling				2.94
Evaporator	Control	Air Discharge			
		Operation			SLM Controller
	Air Flow Rate	Cooling		m^3/min	51
	External Static Pressure			Pa	98
	Condensation Drain Size	Diameter	(OD)	mm	
Condensor	Casing	Colour			
		Material			
	Dimensions	Unit	HxWxD	mm	1,000x1,100x1,530
	Weight	Unit		kg	295
	Air Flow Rate	Cooling		m^3/min	127
	Motor	Output		W	400
	Compressor	Quantity			1
		Motor	Type		
	Operation Range	Cooling	Min/Max	°CDB	
	Sound Level (nominal)	Sound power		dBA	63
	Refrigerant	Type			
		Charge		kg	4.6
Power Supply	Name			Y1	

HEAT PUMP					**UATYP180AY1**
Capacity	Cooling	Minimum		kW	16.705
	Heating	Nominal		kW	20.222
Power Input	Cooling	Nominal		kW	6.86
	Heating	Nominal		kW	6.60
EER	Cooling				2.44
COP	Heating				3.06
Evaporator	Control	Air Discharge			
		Operation			SLM Controller
	Air Flow Rate	Cooling		m^3/min	51
	External Static Pressure			Pa	98
	Condensation Drain Size	Diameter	(OD)	mm	
Condensor	Casing	Colour			
		Material			
	Dimensions	Unit	HxWxD	mm	1,000x1,100x1,530
	Weight	Unit		kg	320
	Air Flow Rate	Cooling		m^3/min	127
	Motor	Output		W	400
	Compressor	Quantity			1
	Motor		Type		
	Operation Range	Cooling	Min-Max	°CDB	
		Heating	Min-Max	°CWB	
	Sound Level (nominal)	Sound power		dBA	63
	Refrigerant	Type			
		Charge		kg	4.3
Power Supply				Y1	

FLEXIBILITY OF INSTALLATION

The inlet and discharge air flow direction (horizontal in standard configuration) can be shifted to the vertical mode, by simply repositioning the fan group (UAT(Y)P240-280-320-450-560AY1 only).

DESIGN

The rooftop UAT(Y)P unit's flat top design allows for maximum utilization of warehouse and container space. Further all components are manufactured to withstand attacks of atmospheric agents, thanks to the anti-corrosion treatment.

ELECTRICAL CONTROL CAPABILITY

- **Sequential LCD**
  The sequential LCD incorporates a 7 day programmable timer, compressor run/error status indicator and cool/heat/fan/dry/auto modes etc.
- **SLM controller**
  SLM controller features include 15 hour delay timer and cool/heat/fan/dry/auto modes etc. Part loading of system capacity is possible via the use of Daikin sequential PAC packaged air conditioning control for multiple compressor rooftop units.

UATP240AY1	UATP280AY1	UATP320AY1	UATP450AY1	UATP560AY1	UATP700AY1	UATP850AY1	UATPC10AY1	UATPC12AY1
21.101	27.842	32.238	41.030	55.684	67.406	82.939	97.007	121.624
8.70	11.60	12.18	17.20	25.10	28.70	40.16	41.87	48.80
2.43	2.40	2.65	2.39	2.22	2.35	2.07	2.32	2.49
Ducted								
SLM Controller	SLM Controller	SLM Controller	Sequential Controller	Sequential Controller	Sequential Controller	Sequential Controller	Sequential Controller	Sequential Controller
80	100	102	160	190	227	263	312	354
98	98	98	196	196	294	294	294	294
25.4								
Light Grey								
Electro galvanised mild steel								
1,000x1,300x1,530	1,000x1,300x1,530	1,000x1,300x1,530	1,200x1,990x1,670	1,200x1,990x1,670	1,735x2,250x2,800	1,735x2,250x2,800	1,974x2,252x3,180	1,974x2,252x3,180
370	400	425	665	765	1,200	1,350	1,510	1,600
160	160	227	320	320	566	566	566	566
550	550	580	550	550	1,500	1,500	3,465	3,465
1	1	1	2	2	2	2	2	2
Scroll type								
20°C - 46°C								
65	66	68	70	70	74	74	80	80
R-407C								
4.6	5.9	5.6	2 x 3.9	2 x 4.2	2 x 9.6	2 x 10.4	14.5 & 18.0	2 x 18.0
3~/50Hz/380-415V								

UATYP240AY1	UATYP280AY1	UATYP320AY1	UATYP450AY1	UATYP560AY1	UATYP700AY1	UATYP850AY1	UATYPC10AY1	UATYPC12AY1
21.101	25.790	29.307	43.668	55.684	67.406	82.939	101.110	109.609
22.566	29.89	35.755	46.891	67.406	74.733	92.317	102.290	126.314
8.41	10.82	12.84	16.57	21.16	29.20	38.16	43.17	48.20
7.54	9.81	11.49	15.71	20.30	26.22	34.78	41.67	46.80
2.51	2.38	2.28	2.64	2.63	2.31	2.17	2.34	2.27
2.99	3.05	3.11	2.98	3.32	2.85	2.65	2.45	2.70
Ducted								
SLM Controller	SLM Controller	SLM Controller	Sequential Controller	Sequential Controller	Sequential Controller	Sequential Controller	Sequential Controller	Sequential Controller
80	100	102	160	190	226	263	312	354
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25.4								
Light Grey								
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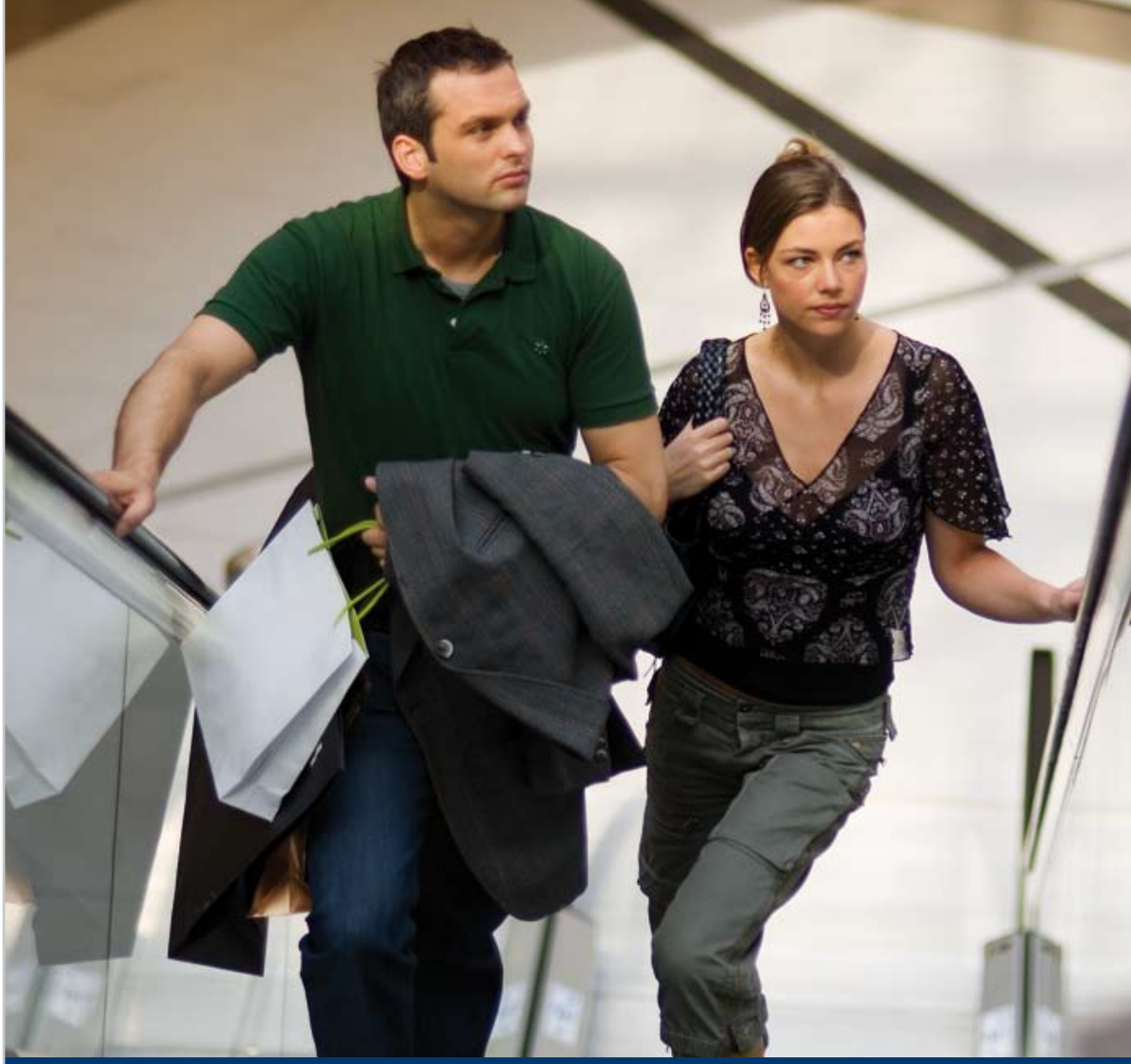
1,000x1,300x1,530	1,000x1,300x1,530	1,000x1,300x1,530	1,200x1,990x1,800	1,200x1,990x1,800	1,735x2,250x2,800	1,735x2,250x2,800	1,974x2,252x3,180	1,974x2,252x3,180
385	415	440	700	800	1,200	1,350	1,510	1,600
160	160	283	320	320	566	566	566	566
550	580	1,250	550	550	1,500	1,500	3,465	3,465
1	1	1	2	2	2	2	2	2
Scroll type								
20°C - 46°C								
-15°C - +20°C								
65	66	68	70	70	74	74	80	80
R-407C								
5.2	6.0	6.0	2 x 5.0	2 x 5.8	2 x 9.4	2 x 9.6	13.5 & 20.0	2 x 20.0
3~/50Hz/380-415V								



In all of us, a green heart

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues.
For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment.
This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.

ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.

CE Daikin units comply with the European regulations that guarantee the safety of the product.

DAIKIN EUROPE N.V.

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