

AIR CONDITIONING

Range
COMFORT

Multisplits **DUO** 2 WAYS



Cooling only



Heat pump



R407C

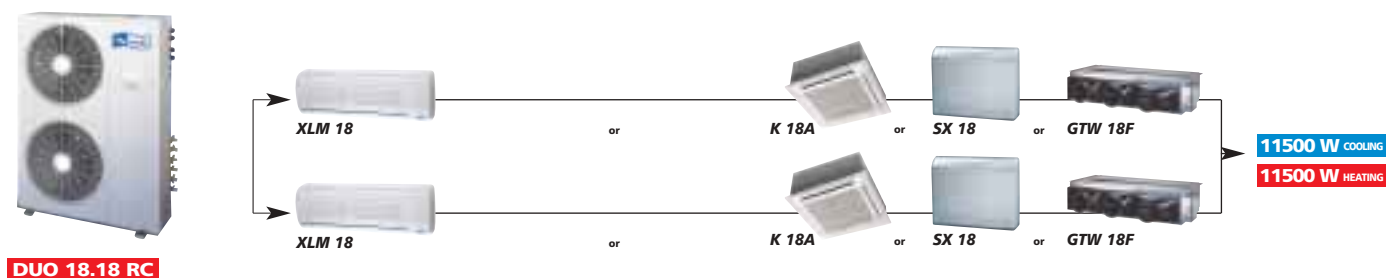
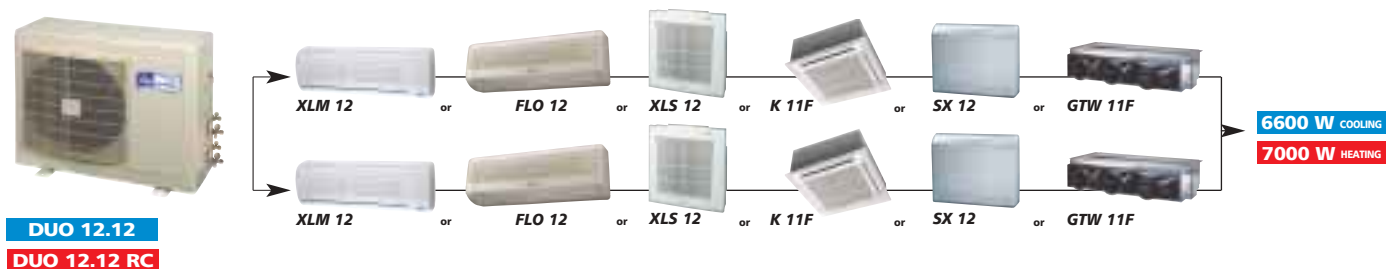
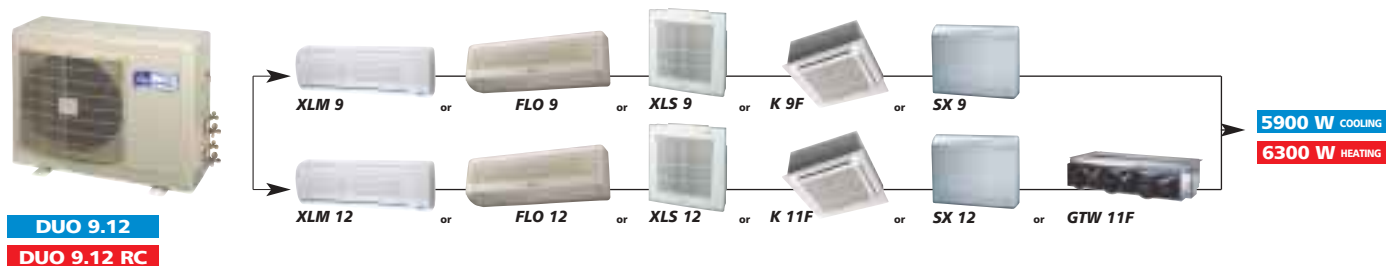
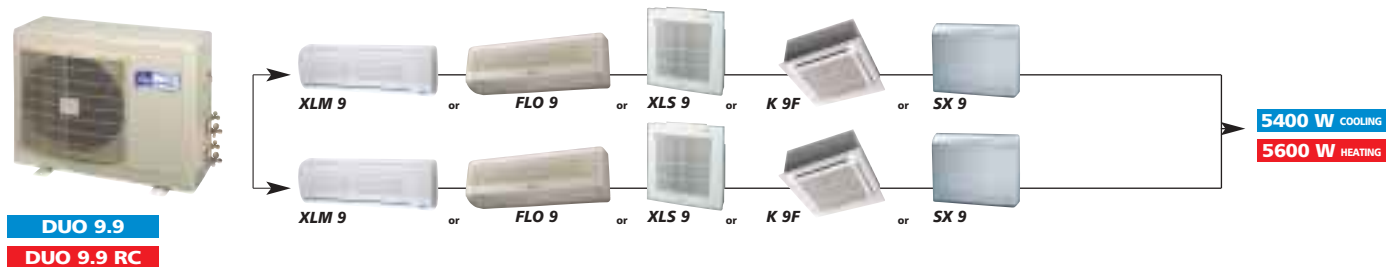
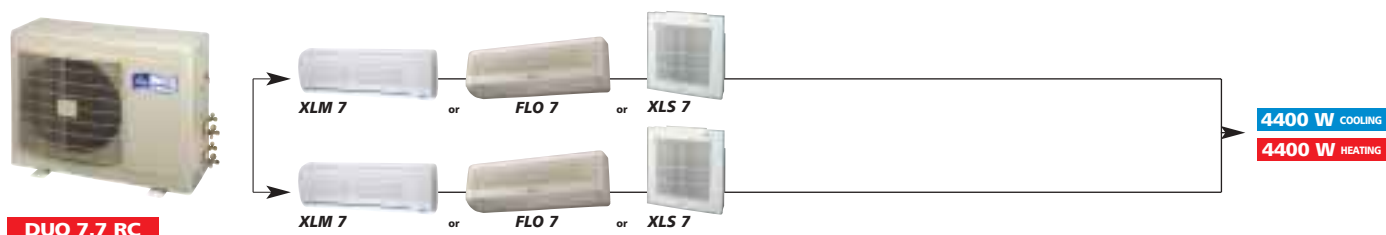


Airwell
Air Conditioning

Multisplits

DUO 2 WAYS

The DUO multisplit condenser units, available in five capacities, can be connected to two Hawaii or Florida type wall-mounted split units, floor split-system California models (cooling only), XLM model, or Colorado cassettes. The heat pump function allows both indoor units to be used separately in either heating or cooling mode, since the two indoor units are totally independent. This system operates with two completely independent refrigerant circuits and combines dependability and low-cost operation. This equipment is designed to satisfy even the most demanding needs of retail outlets, offices, individual homes and restaurants.





Cooling only



Heat pump

ADVANTAGES

1

The variety and possible combinations of indoor units ensures customized air conditioning. It is possible to tailor a system perfectly to any type of building, decoration style and installation requirements.

2

All the safety and operational parameters are microprocessor-controlled to better ensure flawless operation of the air conditioners :

- Temperature and treated air flow rate control
- "I feel" function: Local temperature control
- 3-minute time delay before restart of the compressor
- Antifreeze safety device
- Programming of operating times
- De-icing at variable times depending on conditions of use.

3

The DUO outdoor condenser units are equipped with rotary compressors guaranteeing low power consumption and low noise. They are treated with Airwell high density powder paint making them especially resistant to all operating conditions.



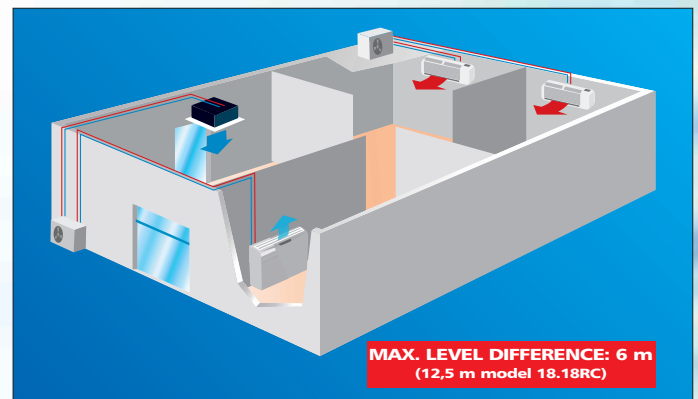
TYPICAL APPLICATIONS

A VERY EASY-TO-USE REMOTE CONTROL AND SOPHISTICATED FUNCTIONS FOR EACH ROOM

(model available with Hawaii range)



INDEPENDENT OPERATION OF EACH INDOOR UNIT



Dimensions and weight		DUO 9,9	DUO 9,12	DUO 12,12
Weight	kg	58	60	62
Dimensions (WxDxH)	mm	850x370x690	850x370x690	850x370x690

Dimensions and weight		DUO 7,7 RC	DUO 9,9 RC	DUO 9,12 RC	DUO 12,12 RC	DUO 18,18 RC
Weight	kg	52	60	62	64	110
Dimensions (WxDxH)	mm	850x370x690	850x370x690	850x370x690	850x370x690	950x340x1270

TECHNICAL SPECIFICATIONS

DUO SERIES

Cooling only models		DUO 9,9	DUO 9,12	DUO 12,12
Ways / Compressor		2	2	2
Compressor type		Rotary	Rotary	Rotary
Cooling capacity (1)	kW	5,4 (2x2,7)	5,9 (2,6 + 3,3)	6,6 (2x3,3)
Power input	kW	2,2	2,36	2,86
Noise level outdoor (3)	dB(A)	53	53	57
Power supply			1-230 V - 50 Hz	
Voltage range			198 / 254 V	
Fuse (1~230V)	A	16	16	16

Linking specifications between indoor and outdoor units

Linking pipes (not supplied)

Max. length	m	2x15	2x15	2x15
Max. height difference	m	6	6	6
Suction pipe	Inches	2x3/8"	1/2" + 3/8"	2x1/2"
Liquid pipe	Inches	2x1/4"	2x1/4"	2x1/4"

Electrical connections (not supplied)

1~230V version	mm ²	2x(5x1,5)	2x(5x1,5)	2x(5x1,5)
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DUO RC SERIES

Heat pump models		DUO 7,7 RC	DUO 9,9 RC	DUO 9,12 RC	DUO 12,12 RC	DUO 18,18 RC(4)
Ways / Compressors		2	2	2	2	2
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll
Cooling capacity (1)	kW	4,4 (2x2,2)	5,4 (2x2,7)	5,9 (2,6 + 3,3)	6,6 (2x3,3)	11,5 (2x5,75)
Power input	kW	1,82	2,2	2,49	2,86	4,05
Heating capacity (2)	kW	4,4 (2x2,2)	5,6 (2x2,8)	6,3 (2,8 + 3,5)	7 (2x3,5)	11,5 (2x5,75)
Power input	kW	1,5	2,08	2,52	2,86	4,1
Noise level outdoor (3)	dB(A)	49	53	53	57	58
Power supply				1-230 V - 50 Hz		
Voltage range				198 / 254 V		
Fuse (1~230V)	A	10	16	16	16	20

Linking specifications between indoor and outdoor units

Linking pipes (not supplied)

Max. length R407C	m	2x15	2x15	2x15	2x15	2x25
Max. height difference R407C	m	6	6	6	6	12,5
Suction pipe	Inches	2x3/8"	2x3/8"	1/2" + 3/8"	2x1/2"	2x1/2"
Liquid pipe	Inches	2x1/4"	2x1/4"	2x1/4"	2x1/4"	2x1/4"

Electrical connections (not supplied)

1~230V version	mm ²	2x(6x1,5)	2x(6x1,5)	2x(6x1,5)	2x(6x1,5)	2x(6x1,5)
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Compatibility

Hawai wall units	XLM 7	XLM 9	XLM 9 / XLM 12	XLM 12	XLM 18
Florida wall units	FLO 7	FLO 9	FLO 9/FLO 12	FLO 12	
Louisiana wall units	XLS 7	XLS 9	XLS 9 / XLS 12	XLS 12	
California floor / ceiling units		SX 9	SX 9/SX 12	SX 12	SX 18
Colorado cassettes		K 9 A	K 9 A / K 11 A	K 11 A	K18 A
GTW ducted units			GTW 11 F	GTW 11 F	GTW 18 F

Note: values are expressed under a 230 V/50Hz voltage. (1) Nominal cooling capacity: International nominal conditions (NF EN 255.2 / 814.2) - Type A: 27°C/19°C wetbulb - Outdoor air: 35°C/24°C wetbulb. (2) Nominal heating capacity: International conditions (NF EN 255.2 / 814.2): Indoor: 19°C/12°C wetbulb - Outdoor air: 7°C/6°C wetbulb. (3) Global acoustic pressure in dB(A) (1m) under nominal conditions: Outdoor unit in open field on open area against a reflecting background - Installation in an average sized room (LS-0,5s reverberation). (4) Availability, 3rd quarter.



ACE
Marketing

ACE - 1 bis, av. du 8 mai 1945 - Saint-Quentin-en-Yvelines
F - 78284 Guyancourt Cedex
Fax : +33 (0) 1 39 44 11 55 - Tel. : +33 (0) 1 39 44 78 00
www.airwell.com



Your distributor **Airwell**

