

AIR CONDITIONING

Multisplits
TRIO 3 WAYS

Range

COMFORT



Cooling only



Heat pump

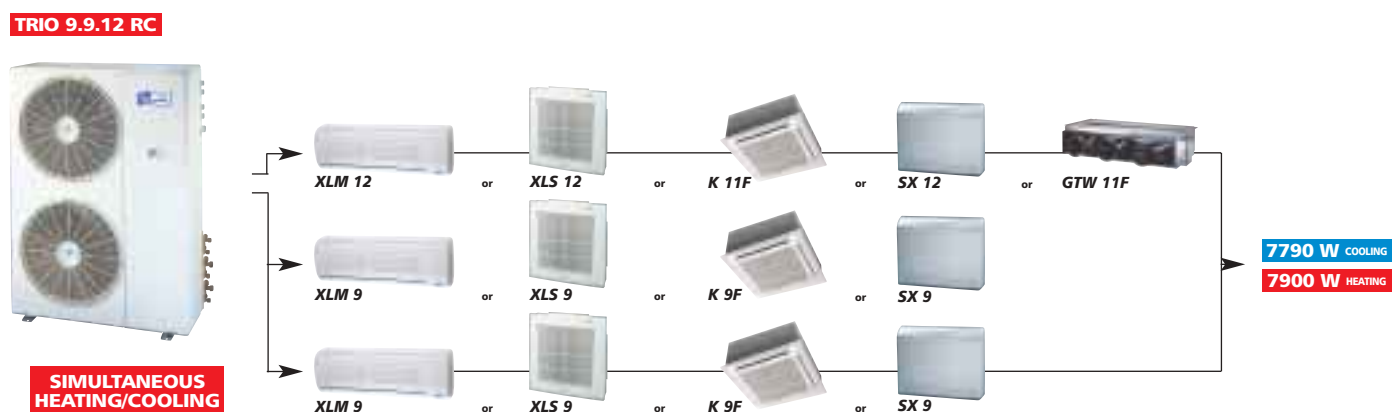
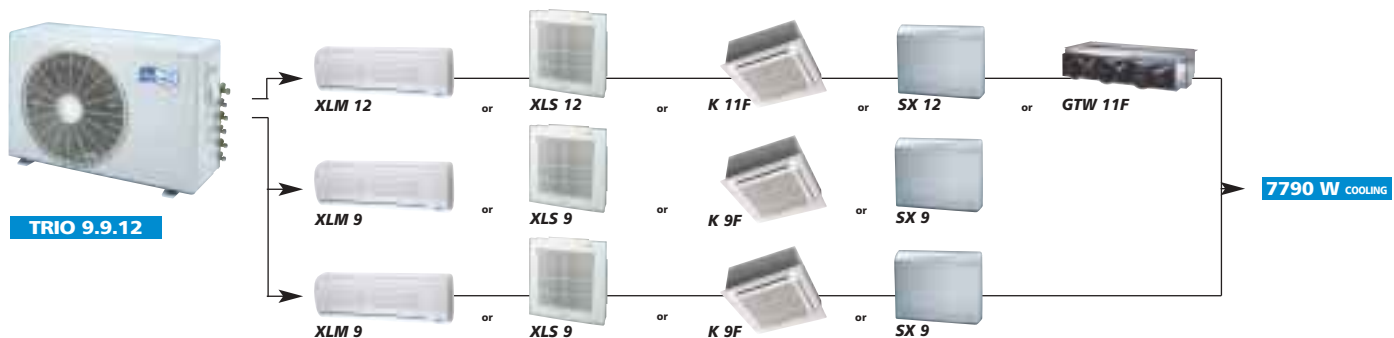
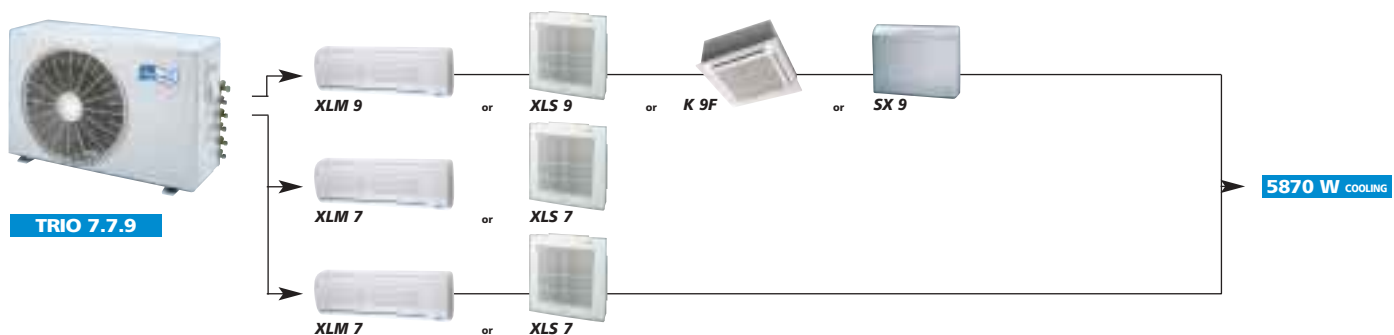


Airwell
Air Conditioning

Multisplits

TRIO 3 WAYS

The TRIO multisplit condenser units, available in three models, can be connected to HAWAII wall-mounted split, COLORADO cassette, CALIFORNIA floor/ceiling and GTW ducted type indoor units. Heatpump model 9.9 12 RC can even provide simultaneous heating and cooling if demanded by the indoor units. 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
- Local or remote temperature control ("I feel" function),
- 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

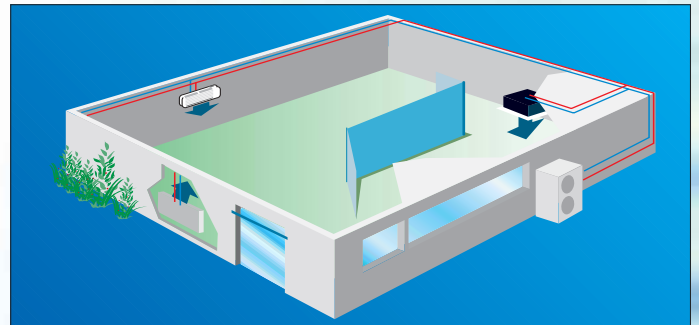
The TRIO outdoor condenser units are equipped with rotary compressors guaranteeing low power consumption and low noise. They are treated with high density powder paint making them especially weather resistant.



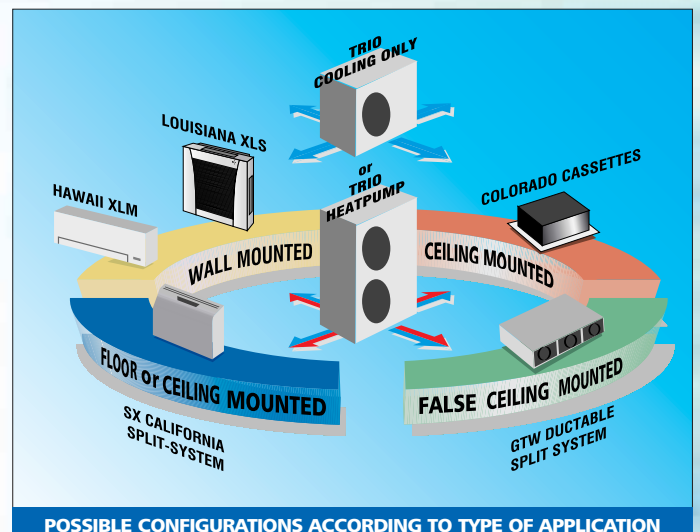
TYPICAL APPLICATIONS

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

(Model available with Hawai range)



THE DIFFERENT POSSIBILITIES FOR INSTALLATION OF THE INDOOR UNITS MEET ALL INSTALLATION REQUIREMENTS



POSSIBLE CONFIGURATIONS ACCORDING TO TYPE OF APPLICATION

TECHNICAL SPECIFICATIONS

TRIO SERIES



Models		Trio 7.7.9	Trio 9.9.12	Trio 9.9.12 RC
Ways / Compressor		3 / 2	3 / 2	3 / 2
Compressor type		Rotary	Rotary	Rotary
Cooling capacity R407C (1)	kW	6,01 ((2x1,73) + 2,55)	7,06 ((2x2,08) + 2,9)	7,06 ((2x2,08) + 2,9)
Power input	kW	2,25	2,74	2,76
Heating capacity R407C (2)	kW	-	-	7,5 ((2x2,1) + 3,3)
Power input	kW	-	-	2,95
Cooling capacity R22 (1)	kW	5,84 ((2x2,16) + 2,64)	7,36 ((2x2,08) + 3,2)	7,68 ((2x1,76) + 4,16)
Power input	kW	1,8	2,74	2,76
Heating capacity R22 (2)	kW	-	-	7,88 ((2x2,12) + 3,64)
Power input	kW	-	-	3,4
Noise level outdoor (3)	dB(A)	53	52	58
Power supply		1~230V - 50 Hz		
Voltage range		198 / 254V		
Fuse (1~230V) R407C	A	20	20	20
Fuse (1~230V) R22	A	16	20	20

Linking specifications between Indoor and Outdoor units

Linking pipes (not supplied)

Max. length	m	32	45	45
- Circuit 1 - 2 ways	m	L1 + L2: 10	L1 + L2: 25	L1 + L2: 25
- Circuit 2 - 1 way	m	L3: 12	L3: 20	L3: 20
Max. length difference	m	7	L1 - L2: 10	L1 - L2: 10
Suction pipe	Inchs	3x3/8"	1/2" + 2x3/8"	1/2" + 2x3/8"
Liquid pipe	Inchs	3x1/4"	3x1/4"	3x1/4"

Electrical connections (not supplied)

1~230V version	mm2	3x(5x1,5)	3x(5x1,5)	3x(6x1,5)
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Compatibility

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

Dimensions and weight

Weight	kg	65	72	100
Dimensions (WxDxH)	mm	900x340x680	900x380x595	900x380x1250

All values are specified for a 230V supply voltage. Refrigerant R407C and R22 (R22 datas in yellow)

(1) Nominal cooling capacity : International conditions: 27°C/19°C (wet bulb) - outside air temperature 35°C/24°C (wet bulb) (Standards NF EN 255.2 - NF EN 814.2).

(2) Nominal heating capacity : International conditions: 20°C/12°C (wet bulb) - outside air temperature 7°C/6°C (wet bulb) (Standards NF EN 255.2 - NF EN 814.2).

(3) Acoustic levels : Global acoustic pressure in dBA (4 m) under nominal conditions: outdoor unit in an open area against a reflective background.



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