

AIR CONDITIONING

Range

COMFORT

Wall splits **HAWAI**



Cooling only



Heat pump



R22



Airwell
Air Conditioning

Wall splits

HAWAI



Either Retail Outlets, Individual Homes, cafés, hotels or restaurants, AIRWELL innovates every day and offers you ever more economical and attractive looking products. HAWAI Wall Splits embody AIRWELL's constant attempt to set at your disposal products which are ever more adapted to your needs.

The elegant and compact HAWAI wall mounted units are simple to maintain and economical to run. Available in both heat pump and cooling only versions the HAWAI range is ideally suited to air condition small and medium sized rooms.

Features

AIRWELL's nice HAWAI wall splits will bring you comfort, easiness of use as well as many other advantages like the beside-mentioned ones.

COMPACT AND CONTEMPORARY DESIGN

the small space required (only 160 mm deep for XLM 7/9/12 models) and the attractive look of the Hawaii indoor units match up with any type of interior decoration.

All safety and operation parameters are managed by microprocessor so as to better warrant perfect operation of these air conditioners: adjustment of temperature and treated airflow, "I Feel" function : local temperature control, 3 minutes timed compressor restart, antifrost safety, programming of operation, de-icing during variable time of heat pump models according to the conditions the appliance is being used in...

The outdoor condensing units are equipped with a rotary compressor (depending on the model) warranting low power consumption and a low soundlevel.

They are treated with Airwell's "High Density" powder paint offering a high level of resistance whatever the conditions of operation are.

3 levels of filtration

As we are spending 22 out of 24 hours in closed surroundings, it is vital to pay particular attention to the indoor air we breathe which is one of the most important functions of HAWAI wall splits.



Pollen



Acarus



Smokes

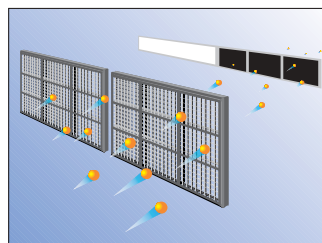


Pollution



STANDARD AND ELECTROSTATIC FILTERS ;

Hawaii (XLM series) wall splits are equipped, in addition to a standard air filter, with a highly efficient electrostatic filter: particles such as tobacco smoke, pollen etc. are absorbed, therefore providing thoroughly cleared air. The standard filter can be cleaned and a control light announces when cleaning is required.



FILTER WITH ACTIVE CHARCOAL :

HAWAI XLM Wall Splits are also equipped with a filter containing active charcoal which neutralizes smells and retains even the smallest particles, which can be harmful to your health and difficult to treat.



Cooling only



Heat pump

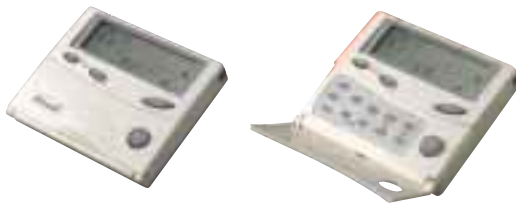
Ease of operation

INFRA-RED REMOTE CONTROLS

The ergonomic AIRWELL infra-red remote control provides a high level of comfort for the user. It also allows you to program the desired level of comfort and to control the temperature with precision.

WALL MOUNTED REMOTE CONTROL (ACCESSORY)

Wired up to 32 indoor units (15 zones) to 1 remote control. Max. length : 300m



Ease of maintenance and installation

OPTIMISED TECHNOLOGY

The tangential turbine in the XLM models is formed of random pitch fan blades designed to achieve a perfect spin. This design enables a larger volume of air to be treated with minimum noise.

As for the exchanger, this is formed of grooved tubes that optimise heat exchange.

DETACHABLE WASHABLE FACADE

The user can easily carry out maintenance on the external parts of the unit. The suction grille can simply be removed for cleaning.



COOLING ONLY AND HEAT PUMP MODELS

HAWAII Wall Splits can be connected to air or watercooled condensing units (depending on the model) or with Multisplit systems.

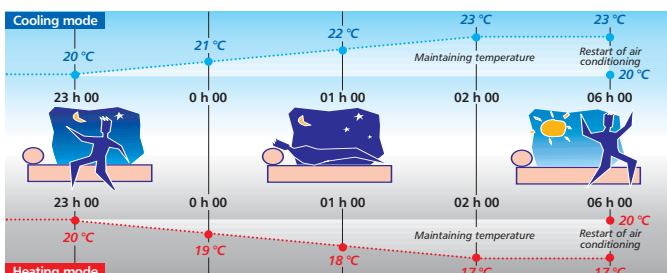
Economical operation

SLOW-DOWN AT NIGHT

It adapts the temperature to the best conditions for the user during his sleep, while power consumption is reduced.

It is possible, both in heating and cooling mode, to program automatically 3 set-points.

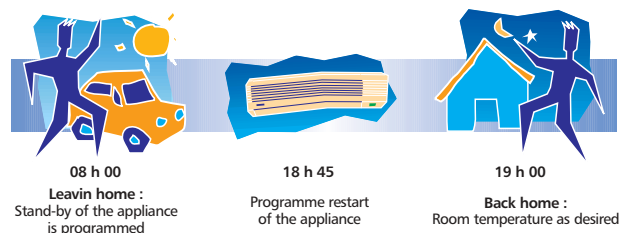
The economy amounts to 7% per degree, representing quite important savings of power consumption.



PROGRAMMING

2 TIMERS

The air conditioner manages by itself users' comfort thanks to its microprocessor. Programming allows delayed restart or stopping of the appliance thus optimizing power consumption savings. On the HAWAII models, one benefits from two timers. One for the week and another one for the week-end, for instance.



TECHNICAL SPECIFICATIONS



Cooling only models		XLM 7	XLM 9	XLM 12	XLM 14	XLM 18	XLM 24	XLM 30
Cooling capacity (1)	kW	2,14	2,55	3,4	4,1	5,8	6,9	8,8
Power input	kW	0,79	1,05	1,3	1,63	1,96	2,47	3,3
Air flow (LS/MS/HS)	m³/h	260/290/340	260/290/390	280/370/450	490/530/590	635/690/750	720/785/850	995/1180/1360
Noise level (1m) (3)								
- Indoor (LS/MS/HS)	dB(A)	30/34/36	33/36/38	35/38/42	36/38/42	32/36/41	40/41/43	40/41/43
- Outdoor	dB(A)	40	41	42	46	47	47	49
Power supply								
- 1~230V - 50 Hz		•	•	•	•	•	•	•
- 3N~400V - 50Hz		-	-	-	-	•	•	•
Fuse (1~230V)	A	6	6	8	12	12	20	32
Fuse (3N~400V)	A	-	-	-	-	8	8	10
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll
Linking pipes (not supplied)								
Max. length	m	10	10	12	12	20	20	20
Max. height difference	m	7	7	7	7	7	7	7
Suction pipe	Inches	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	5/8"
Liquid pipe	Inches	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"
Electrical connections (not supplied)								
1~230V version	mm²	5x1,5	5x1,5	5x1,5	5x1,5	5x1,5	5x1,5	5x1,5
3N~400V version	mm²	-	-	-	-	5x1,5	5x1,5	5x1,5



Heat pump models		XLM 7RC	XLM 9RC	XLM 12RC	XLM 14RC	XLM 18RC	XLM 24RC	XLM 30RC
Heating capacity (2)	kW	2,18	2,78	3,6	4,85	5,95	7,38	9,08
Power input	kW	0,76	1,02	1,32	1,72	1,96	2,54	3,1
Air flow (LS/MS/HS)	m³/h	260/290/340	260/290/390	280/370/450	490/530/590	635/690/750	720/785/850	995/1180/1360
Noise level (2)								
- Indoor (LS/MS/HS)	dB(A)	30/34/36	33/36/38	35/38/42	36/38/42	32/36/41	40/41/43	40/41/43
- Outdoor	dB(A)	40	41	42	46	47	47	49
Power supply								
- 1~230 V - 50 Hz		•	•	•	•	•	•	•
- 3N~400V - 50Hz		-	-	-	-	•	•	•
Fuse (1~230V)	A	6	6	8	12	12	20	32
Fuse (3N~400V)	A	-	-	-	-	8	8	10

Linking specifications between indoor and outdoor units

Linking pipes (not supplied)		XLM 7RC	XLM 9RC	XLM 12RC	XLM 14RC	XLM 18RC	XLM 24RC	XLM 30RC
Max. length	m	10	12	12	12	20	20	20
Max. height difference	m	7	7	7	7	7	7	7
Suction pipe	Inches	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	5/8"
Liquid pipe	Inches	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"
Liaisons électriques (non fournies)								
1~230V version	mm²	6x1,5	6x1,5	6x1,5	6x1,5	6x1,5	6x1,5	6x1,5
3N~400V version	mm²	-	-	-	-	6x1,5	6x1,5	6x1,5

DIMENSIONS AND WEIGHT

Indoor unit								
Weight	kg	8	8,00	9,5	12	14	14	25
Dimensions (WxDxH)	mm	815x160x270	815x160x270	815x160x270	938x190x300	1115x200x330	1115x200x330	1445x204x376
Outdoor unit								
Weight	kg	30	31	37	37	56	58	84
Dimensions (WxDxH)	mm	760x245x545	760x245x545	760x245x545	760x245x545	846x302x690	846x302x690	900x380x680

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°D 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.



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