

Airwell

■ *Just feel well*

2014 Catalogue



Airwell
Residential

Contact Us

An international sales network



New contact details

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The logo for Airwell Residential. The word "Airwell" is written in a blue, italicized, sans-serif font. Below it, the word "Residential" is written in a bold, orange, sans-serif font. A horizontal bar with a color gradient from orange to blue is positioned under the "Residential" text.

Airwell Residential

a well-being full
solution provider

A blue curved graphic element, resembling a stylized comma or a partial arc, located to the right of the text.

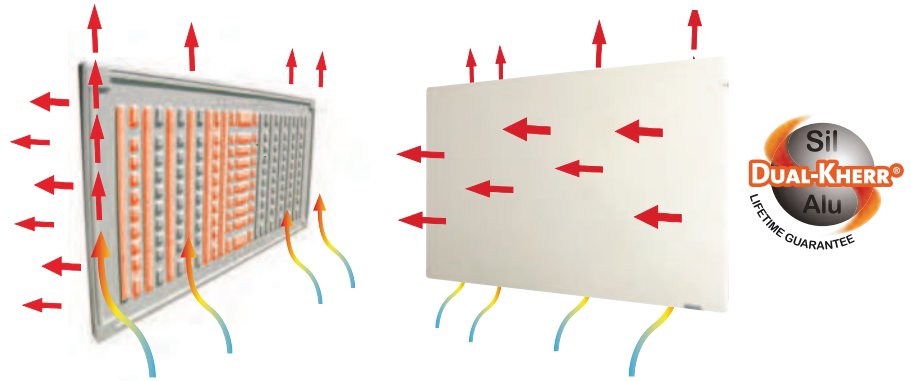


q UNIQUE AIR CONDITIONING RANGE
Discover our complete range & unique solutions details
in following pages



q UNIQUE HEATING RANGE
[TECHNOLOGY 3 IN 1]







Combination of the 3 heating systems
Convection + Accumulation + Radiation



q UNIQUE WATER BAR RANGE
[ADVANCE FILTRATION SYSTEM : UV + CARBON FILTER]



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New regulation and standards

An important part of Airwell Residential's strategy is to anticipate and go further beyond the new European regulations, safety standard and guidelines that will be applied soon.

The requirements are covering all the cycles of the product process from manufacturing to distribution and marketing.

Most of the Energy requirements today are related to the European Commission Plan named "20-20-20" to improve the environmental aspects of Energy related product, which dictate the following:

- q Reduce by 20% the emissions of greenhouse gases.
- q Increase by 20% the energy efficiency in the EU.
- q Reach 20% of renewables in total energy consumption in the EU.

As a global company, Airwell Residential implements the requirements and standard related to the product's manufacturing, safety, energy and design.

Airwell products are designed as environmental friendly and safe.

[**ECODESIGN**]



CE

FGAS
CERTIFICATION



The most important regulations today are:



FGAS

FGAS is THE major regulation which will be implemented as of January 2015.

F-Gas are man-made gases that can remain in the atmosphere for centuries and contribute to a global greenhouse effect. There are three types: hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) and sulfur hexafluoride (SF6).

The F-Gas regulation's goal initiated by the European commission is to reduce greenhouse gas emissions in the EU by 80-95 % by 2050 compared to levels in 1990.



Eurovent

Airwell Residential contributes to the Eurovent certification program. Our residential range products are Eurovent guaranteed. They include Splits and Multi Splits with at least two indoor units.

[**ECODESIGN**]

Directive 2009/125/EC

This Ecodesign guideline started in 2013 with the following changes:

- q Move to seasonal testing in cooling - named SEER (Seasonal Energy Efficiency Ratio) and in heating - named SCOP (Seasonal coefficient of performance).
- q Apply new Energy Ranking from A+++ down to E.
- q Apply maximum sound level in indoor and outdoor units.
- q Test the power consumption in standby mode and thermostat off.
- q Performances are related to European climates reference. There are 3 references climates:
 - **Average:** minimum condition to fulfill.
 - **Warmer:** if the product is designed for warmer conditions.
 - **Colder:** if the product is designed for colder conditions.
- q Add a factor related to GWP (Global Warming Potential) defining the refrigerant impact to the environment.
- q Apply Minimum SCOP and SEER in two steps (Single/Multi split are different than portable units).

As of January 1st 2014 the Ecodesign guidelines will pass to the second step by extending the minimum requirements of SCOP and SEER, the new criteria are:

- q Maximum power consumption for all types:
 - **Off mode:** 0,5 W per hour.
 - **Standby mode:** 1.0 W per hour.

q Requirements of minimum energy efficiency:

	Split and multi split		Portable with double duct		Portable with single duct	
	SEER	SCOP	EER (rated)	COP (rated)	EER (rated)	COP (rated)
GWP of refrigerant >150 for 6 kW	4.60	3.80	2.60	2.60	2.60	2.04
GWP of refrigerant ≤150 for 6 kW	4.14	3.42	2.34	2.34	2.34	1.84
GWP of refrigerant >150 for 6-12 kW	4.30	3.80	2.60	2.60	2.60	2.04
GWP of refrigerant ≤150 for 6-12 kW	3.87	3.42	2.34	2.34	2.34	1.84

q Requirement of max. sound power level (same as 2013)
A/C except portable:

Rated Capacity ≤6 kW		6 < Rated Capacity ≤12 kW	
Indoor sound power level in dB(A)	Outdoor sound power level in dB(A)	Indoor sound power level in dB(A)	Outdoor sound power level in dB(A)
60	65	65	70

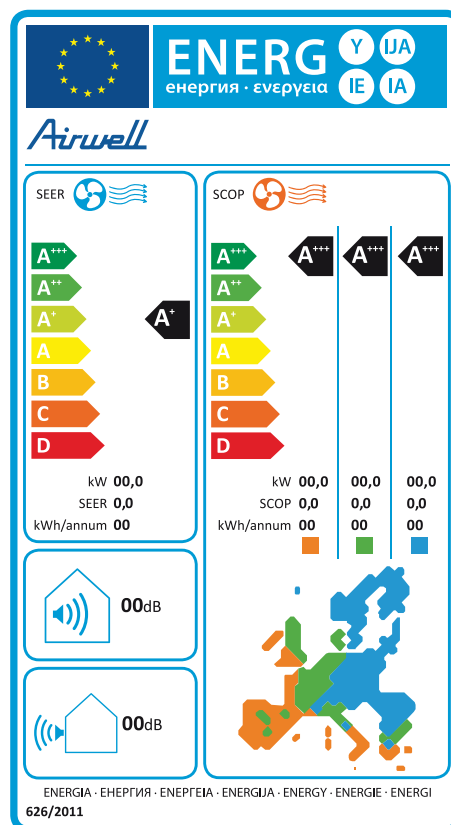
q Portable units (indoor side): **65 dB(A)**

Energy Label design

HOW THE ENERGY LABEL WILL BE IMPLEMENTED?

Nominal capacity (Pdesign H/C) and SEER/SCOP test condition:

- q Each model will be rated at nominal capacity in cooling and heating:
 - **For cooling:** PdesignC.
 - **For heating:** PdesignH.
- q Each product must meet the climate requirement levels to which it belongs:
 - **Average:** minimum condition to fulfill.
 - **Warmer:** if the product is designed for warmer conditions.
 - **Colder:** if the product is designed for colder conditions.
- q Pdesign affects directly the SEER/SCOP level as there are few tests done in cooling and heating according to the climate category and adjusting the capacity for each test condition.
- q The below table shows the test conditions in cooling and heating, the ratio of the Pdesign in cooling and heating in a different climate category.



Operating conditions for standard rating

	Old standard				New standard (ECO design)								
	Indoor unit		Outdoor unit		Indoor unit		Outdoor unit						
	Air inlet °C		Air inlet °C		Air inlet °C		Test type	Air inlet °C		Air inlet °C		Air inlet °C	
	Dry bulb	Wet bulb	Dry bulb	Wet bulb	Dry bulb temperature	Wet bulb temperature		Inlet temperature	Part load of Pdesign ratio	Inlet temperature	Part load of Pdesign ratio	Inlet temperature	Part load of Pdesign ratio
Cooling mode	27	19	35	24	27	19	A	35	100%	35	100%	35	100%
							B	30	74%	30	74%	30	74%
							C	25	47%	25	47%	25	47%
							D	20	21%	20	21%	20	21%
Heating mode	20	15 max	7	6	Indoor unit		Test type	Class category					
					Air inlet °C			Average		Warmer		Colder	
							T _{design}	-10	100%	2	100%	-22	100%
							A	-7	88%	-7	N/A	-7	61%
							B	2	54%	2	100%	2	37%
							C	7	35%	7	64%	7	24%
							D	12	15%	12	29%	12	11%
		T _{bivalent}	The design condition of the A/C can provide the optimized capacity w/o any additional energy like heater										
		T _{ol} (Min operating temp)	-15	119%	-15	N/A	-15	82%					

Certifications

Airwell Residential is recognized for its reliability. A residential and light commercial range of products with an excellent quality which offers our clients a very big advantage on the air conditioning market. Present all over the world, Airwell Residential applies quality standards to its different production sites and strives to improve them continuously.

The performances of our Airwell Residential products meet the EN14825 standard (seasonal energy standard).

Airwell Residential production sites are certified ISO 9001 and ISO 14001 as well as by most of the recognized certifications. Furthermore, Airwell Residential contributes and complies with the Eurovent certification program.





• Unique
• solutions



Our
unique
solutions



2

unique
technologies



3

unique
applications

Unique technologies



FLEXY MATCH

Unique 1 : Flexy Match

HIGH LIGHTS

q Same unit same logic for all application

- Easy Service
- Easy Logistic
- Easy to upgrade

q All in one



ADVANCED CONTROL OPTIONS

Unique 2 : Advanced Control

HIGH LIGHTS

- q Heating mode force
- q Sine wave DC inverter drive
- q Service electronic tools
- q Connectivity to Gateway for customized option

Unique applications

[MORE DETAILS
P. 54]

Unique 1 : DLF

HIGH LIGHTS

- q Vertical and horizontal installation
- q Compact: 200 mm height, space saving
- q Super quiet

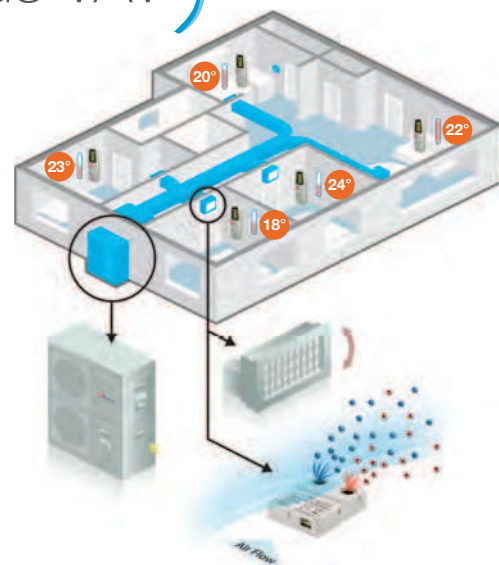


[MORE DETAILS
P. 60]

Unique 2 : DLSE Plus VAV

HIGH LIGHTS

- q Advanced fuzzy logic by controlling the inverter and room temperature per zone
- q Cost & energy saving
- q The best added value for customer
- q **NEW** DC motor with high efficiency



[MORE DETAILS
P. 104]

Unique 3 : CAO and GCAO

HIGH LIGHTS

- q Ideal solution for building with esthetic and local restrictions
- q Easy & simple installation



• Unique
• solutions

Flexy Match

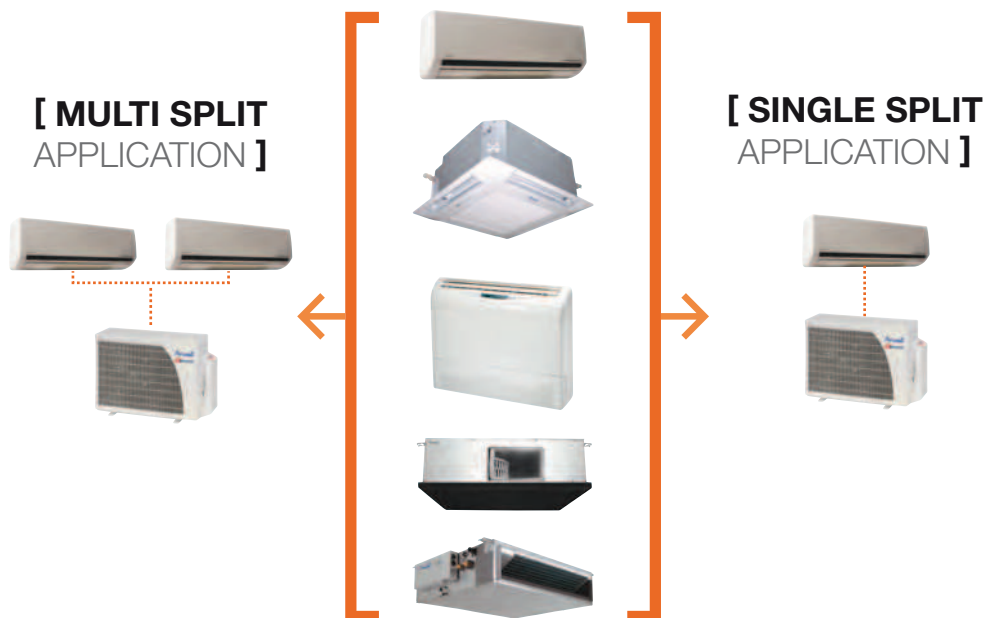


Flexy Match

- q Same unit same logic for all application
 - Easy Service
 - Easy Logistic
 - Easy to upgrade
- q All in one

> Minimum stock
> Saving cost

■ Full flexibility same Indoor unit (IDU) for multi and single Outdoor unit (ODU)



■ For the same capacity all IDU use one ODU

Type		Capacity			
		9	12	18	24
HIGH WALL	HJD				
CASSETTE	CNE				
FLOOR CEILING	SXB				
DUCTED MSP	DLSE				
DUCTED LSP	DLF				
ODU					



• Unique
• solutions

Advanced control





ADVANCED CONTROL OPTIONS

Advanced control options

Easy installation and Service care

- q Tubing length up to 70m
- q Operating range, Heating -15°C, Cooling from -10°C up to 46°C
- q **Flexy Match** design
- q Self diagnostic after installation, by remote control or HMI board



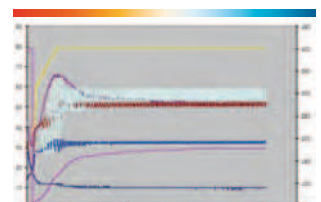
Control options and accessory

- q Group control by different controllers
- q Power saving by dry contact connection
- q Night mode dry contact
- q Alarm dry contact
- q Adjust system parameter by HMI or PC
- q Standby mode
- q Base heater option

Advanced Inverter drive and logic

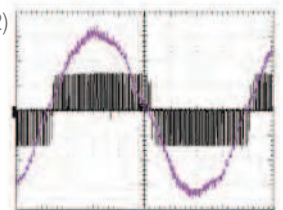
- q Optimize and fast dynamic control in low temperature operation ⁽¹⁾
- q Top level DCI sine wave control, create low sound level and low vibration ⁽²⁾
- q Excellent capacity balance between indoor units in multi application, thanks to few sensors in the system and special algorithm

(1) Low cooling operation



Outdoor fan
Pressure
Electronic expansion valve

(2)



||||| PWM Voltage
||||| Sinusoidal Current

Top level design criteria

- q Accurate refrigerant balance circuit ⁽³⁾
- q High performance heat exchanger design ⁽⁴⁾
- q Special hydrophilic coating in heat exchanger fins
- q DC motor with top level efficiency in most models
- q Design for corrosion resistance by top level coated metal and epoxy painting








(3)



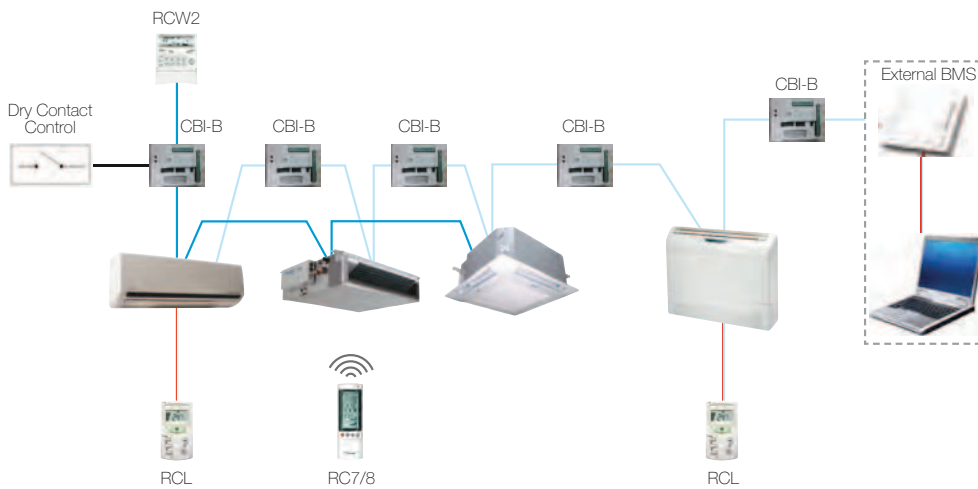
(4)

Advanced control options





SERVICE CARE

	Model	Connect to	Advantage/Feature
	M2L	IDU	Monitoring and recording all system parameters.
	HMI	MOST OF ODU	<ul style="list-style-type: none"> • Self installation test • Self diagnostic • Refrigeration charge test • Set up master unit • View system parameters
	Signing	ODU	<ul style="list-style-type: none"> • Easy identification between system to system by coloring in tubing and wires connection. • Avoiding mixing between wires and piping between system.
	RC7/8	NA	Special sign that indicate a low battery indication. 

OPTION LAYOUT



ACCESSORY OPTIONS

	Design	Model	Function
		RC7/8	Wireless remote control.
REMOTE CONTROLS		RCL	Simple wired remote control (optional).
		RCW2	Wired RC up to 32 IDU'S up to 15 zones.
CONTROL ACCESSORY		CBI-B	Special communication PCB for all IDU's, for Dry contacts and Interface for BMS.

A series of horizontal dotted lines for writing, spanning the width of the page.

Airwell Residential Service

We Airwell Residential have issued this Service Charter to demonstrate our commitment to providing our customers-focused service. This service charter is relevant to any customer of Airwell Residential. The Service Charter sets out all Airwell Residential staff in all levels.

[SERVICE DIVISION]



[CALL CENTER]

- Immediate answer by expert's representative
- High availability
- Multi language
- Professional and trained representatives
- Service oriented and focus
- Service until fully satisfaction



[SPARE PART CENTER]

- High level of components availability
- Advanced delivery system
- Manage spare parts in advance for any new product



[LOCAL AND REMOTE TECHNICAL SUPPORT (WORLD WIDE)]

- High level and experienced technician
- Direct contact over the phone and in site as need for VIP customers



[TRAINING CENTER]

- Training material
- Periodical seminar
- New products launching



Unique and exclusive:
After Sales Organization
dedicated also to final customer.



Service standards

Airwell Residential aims to provide a professional, courteous, efficient and helpful service to all customers at all times.

Specifically, we will make every effort to ensure the following standards are met:

We will aim to respond to all letters, e-mails and faxes within 2 working days of their receipt and give a likely timescale within this period for any requests for information.

We will ensure that all telephone calls are handled courteously and that any messages are passed onto the relevant staff member and answered as soon as possible. We will deal with any query you have as quickly as we can.

We are continually improving our service: last actions are

- q New trained and multi language call center.
[www.airwell-residential.com/aftersales]
- q Local technician for better support.
- q High level of IT system for better quality traceability.
- q Customer training in a periodical base.

History

Over half a century dedicated to indoor comfort

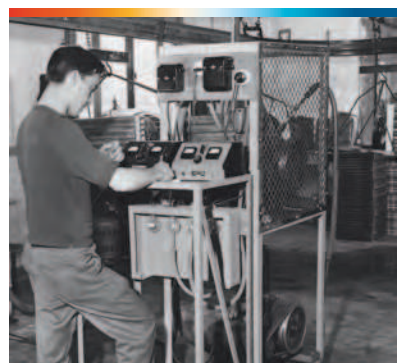
It all started in 1947. That is when Paul Wallet developed, marketed and sold the first air conditioning systems in Europe. Over the course of the following decades, Airwell has become one of the biggest global brands in climate control systems and one of the leading manufacturers and distributors of air conditioning and heating systems.

[AIRWELL RESIDENTIAL, A VISION CENTRED AROUND WELL-BEING]

The principles of evaporating water to create air conditioning have been around since ancient Roman times.

But it was not until the industrial age that the first air conditioning systems appeared in the United States. Paul Wallet noticed that companies using air conditioning were also seeing increased employee productivity so, in 1947, he founded the air conditioning business L'Air Conditionné Entreprise (ACE), near Paris. He designed and produced air conditioners under the brand name Airwell, and marketed them to French businesses in France, Africa and the Middle East. The company became the first in Europe to offer air conditioning systems.

Three years later, Airwell designed the first direct expansion air conditioning units for large-scale production. They were specially designed for use in the home and small commercial establishments. This complex technology, which does not require water, finally made indoor comfort accessible to all. Then, in 1979, and in the wake of two oil crises, Airwell developed the first high performance air-to-water heat pump for connection to domestic oil boilers. **Heatwell is therefore the natural successor to Airwell and its thermal expertise. Heatwell's focus is on a full range of traditional and hybrid radiators, air-to-water heat pumps and thermodynamic water heaters.**



[REGULAR INNOVATION FOR GREATER COMFORT]

One of the reasons for our international presence?

We have always focussed developments around our core skills and introduced numerous innovations.

Airwell Residential was a pioneer in air conditioning in the 1950s thanks to its air conditioning units that could be positioned in house windows. Since 1970, the company has been producing split systems, making it the leading European manufacturer of this type of equipment. Over time, the company has developed innovative features for its products, to make them more convenient to use and less obtrusive: wall-mounted units with integrated remote control functions, high-tech tangential blowers and quieter and more energy-efficient rotary compressors. These developments also serve as a springboard for developing new technology in heat pumps and radiators.

[AN INTERNATIONAL PRESENCE]

The new millennium has seen the company expand on the international residential market. It has been able to strengthen its global position thanks to partnerships on several continents. At the same time, the distribution network is growing.

Today, Airwell Residential is one of the leading global suppliers of air treatment and air conditioning systems, as well as heating systems for domestic and small business use. Also supported by the Aquawell and Heatwell brands, the company's product range is available in more than 80 countries and is recognised as the most extensive in its sector.

And tomorrow? Airwell Residential puts Research & Development at the heart of its priorities for ensuring that customers benefit from innovations and with a view to sustainable and responsible development. With this in mind, the group has strengthened its traditional expertise in new products with the aim of enhancing comfort through heating - with Heatwell - and water dispensers - with Aquawell.

We aim to use these brands and these products to provide you with the highest degree of indoor comfort and well-being, because we spend 90% of our life indoors, at home or at work.



TECHNOLOGY



FLEXY MATCH

Outdoor unit can match several type of indoor units.
Indoor unit can match single split or multisplit outdoor units.



A/A CLASS EFFICIENCY

High efficiency and energy saving product.



DC INVERTER

Compressor with high efficiency DC motor.



GOLDEN FINS CONDENSER

Improve heat transfer efficiency and corrosion resistance.



SINE WAVE COMPRESSOR DRIVE

Advanced technology of compressor speed control in a wide range in high efficiency and low sound level.



1 W STANDBY POWER

Minimize the waste of energy once unit is in a standby mode.



LOW VOLTAGE STARTUP

Design to start up the system even once power supply is not stabilized.



LOW TEMPERATURE STARTUP

Start up the system even once outside temperature is very low as -15°C.



R410A FLUID

Refrigerant fluid R410A.



VAV COMPATIBILITY

Automatic air volume and system control per zone related to the gap between actual room temperature and set up temperature.



ELECTRONIC EXPANSION VALVE

Precise refrigerant flow control, optimize the performance and protect the compressor.



ADVANCED CONTROL OPTIONS

Unit design for various of external and remote control for special application and power saving.



REFRIGERANT LEAKAGE DETECT

Indicate in indoor side once leakage is detected and stop the system to protect the compressor.

AIR QUALITY/CLEAN



STERIONIZER

Generating sterionizer ions that leads to electrochemical reaction that deactivates bacteria, viruses and allergenic particles. Creating and brings a natural air quality to the living environment.



SUPER PLASMA

Generating a hydrogen ions and oxygen ions that decomposed the harmful substances such as bacteria, viruses and ducts.



ACTIVE CARBON FILTER

Effectively cleans the air from air-born particles down to 0.01µ avoid cigarettes smoke, house cooking smoke, pollen, mold, spores and bacteria.



NANO PHOTOCATALYTIC FILTER

Oxidize and degrade organic contaminants. It can effectively eliminate 99.9% of bacteria and collect dust effectively.



ELECTROSTATIC FILTER - ANTIBACTERIA

Anti Bacteria Remove in high efficient small particles from the air and purify the air from bacteria.



AUTO CLEAN/DRY

Avoid bacteria and mildew growing by keeping the heat exchanger dry after cooling operation.



REMOVABLE WASHABLE PANEL

Removable panel for efficiency and easy cleaning.



ANTI DUST AND UV CASING

Minimize dust accumulation on the unit casing.



FRESH AIR

Refresh the room by supplying fresh air from outside.



FILTER CLEAN INDICATION

Sign to check and clean the air filter.

COMFORT FUNCTIONS



I FEEL

Precise temperature control around dedicated area by using remote control temperature sensor.



WIDE ANGLE LOUVER

Better cooling and heating affect by extending the air distribution in the room in a wide angle.



MOTORIZED 2D AIRFLOW

Improve cooling and heating affect by swing the air up and down automatically.



MOTORIZED 4D AIRFLOW

Excellent cooling and heating affect by swing the air up and down, left and right automatically.



MULTIFLOW 360°

Most comfort air distribution system by supply air in four direction in 360° and motorized louver control.



SLEEP MODE

Adjusting the room temperature along the night follow human sleep behaviour.



SUPER QUIET



Advanced design for low sound level.










HOT KEEP

Control the fan operation to avoid drafting of cold air during start operating in heating.













FUNCTION

 <p>DIGITAL DISPLAY Digital display on the indoor unit, indicating the temperature set up or failure code.</p>	 <p>TURBO MODE Boosting the output capacity and create a rapid reaction to reach the room temperature set up.</p>	 <p>PROGRAMMABLE TIMER Option to set up a program to control the unit stop and operation based on a real time.</p>	 <p>TIMER Option to set up the stop and operation.</p>	 <p>SELF DIAGNOSTIC-LED Indicate the unit failure by control the light blinking on the unit display.</p>	 <p>SELF DIAGNOSTIC-DIGITAL Indicate the digital failure code on the unit display for easy detecting and solve problems.</p>	 <p>LOW BATTERY INDICATION Indication to replace the remote control battery.</p>
 <p>AUTO RESTART (MEMORY) Automatic restart the unit in the last operation mode once resume power supply.</p>	 <p>REMOTE CONTROL LOCK Lock the remote control function to avoid non required operation.</p>	 <p>COMPACT DESIGN Slim and small size to reduce the unit space required and provide esthetic image.</p>	 <p>ADVANCED DEFROST Minimize the operation without supplying energy during defrost in heating.</p>	 <p>AUTO MODE OPERATION Automatically switch the operation between cooling to heating to maintain the room set temperature.</p>	 <p>AUTO FAN Adjust the air volume according to the gap between set to room temperature.</p>	 <p>8°C CONSTANT TEMPERATURE HEATING Keep 8°C room temperature to protect automatically the house sanitary system from freezing and damage in very cold weather.</p>
 <p>AUXILIARY HEATER Boosting the heating capacity once system working in extremely low ambient temperature.</p>	 <p>MULTI FAN SPEED Wide range of motor speed to optimize the sound level or the capacity output.</p>	 <p>INTEGRATED WATER PUMP Remove the condensate water up for easy and flexible installation.</p>	 <p>LEFT/RIGHT DRAIN CONNEXION Easy installation by option to connect the drain tube in left or right side.</p>	 <p>FREQUENCY CONTROL INCLUDING AIRFLOW Adjust the motor speed according to the external static pressure to reach the air volume.</p>	 <p>CASSETTE AIRFLOW CONTROL Adjust the motor speed according to the installation height.</p>	

CONTROL OPTION CONNECTIVITY

 <p>WIRED CONTROL OPTION Option to connect a wired remote control.</p>	 <p>ALARM OUTPUT Option to transmit to remote location a severe failure or alarm indication.</p>	 <p>UNIT ON INPUT Option to transmit indication to remote location if unit is in ON or in OFF operation.</p>	 <p>PRESENCE DETECTOR INPUT Option to connect to external presence detector to control the unit operation and save energy once room is not equipped.</p>	 <p>GROUP CONTROL Option to control a several units with one main controller.</p>	 <p>BMS COMPATIBLE Option to connect to BMS system via PCB adapter.</p>	 <p>SERVICE MONITOR TOOL PC interface to monitor and adjust the system parameters.</p>
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OUTDOOR UNIT OPTION

 <p>POWER CONSUMPTION CONTROL Option to control the power consumption by limiting the maximum unit capacity output.</p>	 <p>WIRED REMOTE CONTROL DIAGNOSTIC Run diagnostic mode by using indoor unit remote control.</p>	 <p>OUTDOOR UNIT DIGITAL DIAGNOSTIC Displaying a digital failure code for easy servicing.</p>	 <p>OUTDOOR UNIT NIGHT MODE DRY CONTACT Limiting the outdoor fan motor speed and reducing the outdoor unit noise level.</p>	 <p>OUTDOOR UNIT STAND-BY Switch dry contact Option to control the unit ON and OFF from remote device.</p>	 <p>OUTDOOR UNIT ALARM OUTPUT Option to transmit alarm of severe failure output to remote device.</p>	 <p>FULL LENGTH REFRIGERANT PRECHARGE No additional charge is needed, easy installation and cost saving.</p>
 <p>TECHNICIAN TEST MODE Special mode for technician to improve the service duration and professional level.</p>	 <p>LOW AMBIENT COOLING Operation in cooling even in low outside temperature due to advanced control logic.</p>	 <p>LOW AMBIENT HEATING Operating in heating in extremely low outside temperature by using a special unit design.</p>	 <p>ADVANCED INSTALLATION TEST Automatic installation test mode for easy installation and mistake corrections.</p>	 <p>OUTDOOR BASE HEATER Avoid base freezing in heating operation in low ambient temperature.</p>		

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CONSOLE MONOSPLIT MULTISPLIT Q ONLY SIZE 12		XAD	NEW	 46
CASSETTE 600x600 MONO & MULTISPLIT PREMIUM		CNE		 48
CASSETTE MONOSPLIT MULTISPLIT Q ONLY SIZE 12		CBD	NEW	 50
CASSETTE 950x1340 MONOSPLIT		CAD		 52
DUCTED LOW STATIC PRESSURE MONO & MULTISPLIT PREMIUM		DLF		 54
DUCTED MEDIUM STATIC PRESSURE MONOSPLIT MULTISPLIT Q ONLY SIZE 12		DCD	NEW	 58
DUCTED MEDIUM STATIC PRESSURE MONO & MULTISPLIT PREMIUM		DLSE	UPGRADE	 60

9 2.5 kW	12 3.5 kW	18 5 kW	24 7 kW	30 8 kW	36 10 kW	48 12.5 kW	60 14 kW
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[EC COMPLY] Comply with ECO Design regulation
 [EC COMPLY] Product which is not included in ECO Design regulation
]* [Not European Comply



HJD [ECODESIGN]

Unique solutions



HIGH WALL MONO & MULTISPLIT PREMIUM

- q High wall line available in capacities 2.5 up to 7.5 kW.
- q Glossy designed unit.
- q Wireless remote control included with option of wired control.
- q DC Inverter and sine wave compressor drive technology.
- q -15°C operating in heating mode.
- q Cooling & heating operation mode.
- q "I Feel" function with precise room temperature control.
- q Heating mode only as an option.

PRODUCT ADVANTAGES

- Multi layer air purification combine anti virus by sterionizer system and electrostatic filter for small particules 0.01 μ. that provides exceptional air quality.
- Motorized air control in 4 directions right to left and up to down.
- Possibility to connect to alarm output unit ON/OFF output human presence detector and group control.
- Heating only mode force option.
- Treatment of corrosion on outdoor units and electronic cards.



RC08W



RCW2 (optional)

The icons represent the following features and options:

- FLEXY MATCH, AA CLASS, DC INVERTER, SINE WAVE COMPRESSOR DRIVE, LOW VOLTAGE STARTUP, LOW TEMPERATURE STARTUP
- R410A FLUID, ELECTRONIC EXPANSION VALVE, STERIONIZER, ACTIVE ELECTROSTATIC FILTER, NANO PHOTOCATALYTIC FILTER, ELECTROSTATIC FILTER ANTI-BACTERIA
- AUTO CLEAN/DRY, ANTI-DUST AND UV CASING, FILTER CLEAN INDICATION, I FEEL, WIDE ANGLE LOUVER, MOTORIZED 4D AIRFLOW
- SLEEP MODE, SUPER QUIET, HOT KEEP, TURBO MODE, PROGRAMMABLE TIMER, SELF DIAGNOSTIC-LED
- LOW BATTERY INDICATION, AUTO RESTART (MEMORY), REMOTE CONTROL LOCK, ADVANCED DEFROST, AUTO MODE OPERATION, AUTO FAN
- WIRED CONTROL OPTION, ALARM OUTPUT, UNIT ON INPUT, PRESENCE DETECTOR OUTPUT, GROUP CONTROL, BMS COMPATIBLE
- SERVICE MONITOR TOOL, POWER CONSUMPTION CONTROL, WIRED REMOTE CONTROL DIAGNOSTIC, OUTDOOR UNIT DIGITAL DIAGNOSTIC, OUTDOOR UNIT NIGHT MODE DRY CONTACT, OUTDOOR UNIT STAND-BY
- ODU, FULL LENGTH REFRIGERANT PRECHARGE, TECHNICIAN TEST MODE, -10°C, -15°C

ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Additional accessory required	Function
RCW2	7ACEL1212		Wired group control (HJD required connexion kit).	CBI-A P/N7ACEL1580 or CBI-B P/N7ACEL1616 For HJD only.	- Control up to 32 Indoor unit as a group or individually. - Option to set up to 15 group zones. - Option to set timer (daily and weekly), mode, fan speed and swing.
RCL	7ACEL1447		Simple wired remote control.	CBI-B P/N7ACEL1616	Simple functions as: ON/OFF, operating mode, temperature up and down, fan speed selection and room temperature.
CBI-B	7ACEL1616		Communication interface board Heating model only option.	Kit is including cables.	- RS485, RCW2, RCL remote controls. - 1 dry contact input (selecting by dip switches). - Alarm status output (12V DC). - ON/OFF status output (12V DC).

HJD TECHNICAL DATA

Indoor units		AWSI-HJD009-N11	AWSI-HJD012-N11	AWSI-HJD018-N11	AWSI-HJD024-N11	AWSI-HJD030-N11
Outdoor units		AWAU-YBDE009-H11	AWAU-YBDE012-H11	AWAU-YBDE018-H11	AWAU-YBDE024-H11	AWAU-YBDE030-H11
COOLING						
Rated Capacity	kW	2.5 (1.4-3.6)	3.5 (1.4-4.3)	5.0 (1.5-6)	6.8 (1.5-7.5)	7.5 (2.0-9.0)
Pdesignc	kW	2.5	3.5	5.0	6.8	7.5
Input power	kW	0.5	0.87	1.35	2.20	2.23
SEER/Energy label		5.70/A+	5.61/A+	5.7/A+	5.2/A	5.2/A
Operating limits	°C	-10°/46° Dry bulb				
HEATING						
Rated Capacity	kW	3 (1.5-5)	4 (1.5-5.8)	5.6 (1.3-6.8)	7.6 (1.5-8.8)	8.6 (2.0-9.5)
Pdesignh (average climate)	kW	2.5	3.5	4.8	6.3	8.1
Input power	kW	0.6	1	1.55	2.00	2.53
SCOP/Energy label (average climate)		4.00/A+	4.00/A+	3.9/A	3.8/A	3.8/A
Operating limits	°C	-15°/24° Dry bulb				
Capacity @ -10°C	kW			4.4	4.8	7.2
Capacity @ -15°C	kW	2.12	2.18	3.36	5.07	6.4
INDOOR UNIT						
Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	21/26/34/39	22/26/34/40	30/34/39/43	34/38/43/47	47/50/54
Sound power level (LS/MS/HS/SS)	dB(A)	34/39/47/51	35/39/47/52	43/47/51/58	47/51/56/60	55/58/62
Airflow (LS/MS/HS)	m³/h	330/430/530	350/450/550	550/700/850	670/800/960	950/1100/1300
Dehumidification	l/h	1	1.5	2.7	2.8	3.2
Outline dimensions (WxHxD)	mm	810x285x210	810x285x210	1060x295x221	1060x295x221	1310x322x240
Package dimensions (WxHxD)	mm	870x356x282	870x356x282	1125x360x295	1125x360x295	1420x440x380
Net weight/Gross weight	kg	11.5/14	11.5/14	15/18	15/18	20/23
Part number		7SP022903	7SP022917	7SP022918	7SP022919	7SP022920
OUTDOOR UNIT						
Sound pressure level to 1 m	dB(A)	51	52	53	55	56
Sound power level	dB(A)	61	62	65	67	68
Airflow	m³/h	1780	1780	2500	2750	3400
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)		795x610x290	795x610x290	900x700x340	900x700x340	900x860x340
Package dimensions (WxHxD)	mm	970x650x394	970x650x394	985x730x435	985x730x435	985x905x435
Net weight/Gross weight	kg	38/42	38.5/42.5	56/58.5	61/63.5	66/68.5
Part number		7SP061819	7SP061820	7SP061886	7SP061887	7SP061888
POWER SUPPLY 1~230V - 50 HZ						
Power supply side		Indoor	Indoor	Indoor & Outdoor	Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x2.5	3x2.5
Fuse rating am	A	16	16	20	20	20
Electrical connections	mm²	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5
PIPE LINE						
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"	3/8"
Max length	m	20	20	30	30	30
Max height	m	10	10	15	15	15

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AIRWELL SOLUTIONS





HGDE [ECODESIGN]

HIGH WALL MONOSPLIT

- q High wall line available in capacities 2.6 and 3.5 kW.
- q DC Inverter and sine wave compressor drive technology.
- q Photocatalytic and antibacterial prefilter.
- q -15°C operating in heating mode.
- q Cooling & heating operation mode.
- q "I Feel" function with precise room temperature control.



RC08A

PRODUCT ADVANTAGES

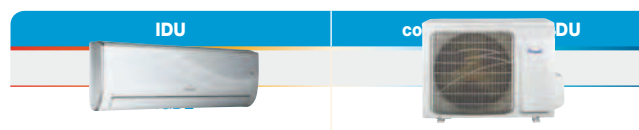
- Super quiet 22 dB(A) (7 motor speed).
- Ultra compact design. Depth: 159 mm.
- Self diagnostic by digital failure code indication.
- Super plasma purifying system that eliminate harmful bacteria and viruses.

A/A CLASS EFFICIENCY	DC INVERTER	SINE WAVE COMPRESSOR DRIVE	1 W STANDBY POWER	LOW VOLTAGE STARTUP
LOW TEMPERATURE STARTUP	R410A FLUID	ELECTRONIC EXPANSION VALVE	SUPER PLASMA	NANO PHOTOCATALYTIC FILTER
ELECTROSTATIC FILTER - ANTIBACTERIA	I FEEL	WIDE ANGLE LOUVER	MOTORIZED 2D AIRFLOW	SLEEP MODE
SUPER QUIET	HOT KEEP	DIGITAL DISPLAY	TURBO MODE	TIMER
SELF DIAGNOSTIC-DIGITAL	LOW BATTERY INDICATION	AUTO RESTART (MEMORY)	REMOTE CONTROL LOCK	COMPACT DESIGN
ADVANCED DEFROST	AUTO MODE OPERATION	AUTO FAN	8°C CONSTANT TEMPERATURE HEATING	MULTI FAN SPEED SUPER QUIET
-15°C				
LOW AMBIENT HEATING				

HGDE TECHNICAL DATA

Indoor units		AWSI-HGDE009-N11	AWSI-HGDE012-N11
Outdoor units		AWAU-YGDE009-H11	AWAU-YGDE012-H11
COOLING			
Rated Capacity	kW	2.6 (0.8-3.4)	3.5 (0.9-4.0)
Pdesignc	kW	2.6	3.5
Input power	kW	0.72	1.10
SEER/Energy label		6.1/A++	6.1/A++
Operating limits	°C	10°/48° Dry bulb	
HEATING			
Rated Capacity	kW	2.8 (0.75-3.8)	3.8 (0.9-4.2)
Pdesignh (average climate)	kW	2.7	3.3
Input power	kW	0.76	1.17
SCOP/Energy label (average climate)		4.0/A	4.0/A
Operating limits	°C	-15°/24° Dry bulb	
Capacity @ -10°C	kW	2.4	2.6
Capacity @ -15°C	kW	2	2.2
INDOOR UNIT			
Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	29/33/37/41	29/34/38/42
Sound power level (LS/MS/HS/SS)	dB(A)	41/45/49/55	42/46/50/56
Airflow	m³/h	560	560
Dehumidification	l/h	0.8	1.4
Outline dimensions (WxHxD)	mm	896x320x159	896x320x159
Package dimensions (WxHxD)	mm	973x403x255	973x403x255
Net weight/Gross weight	kg	11.0/14	11.0/14.0
Part number		7SP022911	7SP022912
OUTDOOR UNIT			
Sound pressure level to 1 m	dB(A)	50	52
Sound power level	dB(A)	63	63
Airflow	m³/h	1600	2200
Compressor type		Rotary DC Inverter	Rotary DC Inverter
Outline dimensions (WxHxD)	mm	776x540x320	848x540x320
Package dimensions (WxHxD)	mm	851x595x363	881x595x363
Net weight/Gross weight	kg	31/35	34/37
Part number		7SP061881	7SP061882
POWER SUPPLY 1~230V - 50 HZ			
Power supply side		Indoor	Indoor
Power cable section	mm²	3x1.5	3x1.5
Fuse rating am	A	16	16
Electrical connections	mm²	4x1.5	4x1.5
PIPE LINE			
Suction pipe diameter	inches	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"
Max length	m	15	20
Max height	m	10	10

AIRWELL SOLUTIONS



HND [ECODESIGN]

HIGH WALL MONO & MULTISPLIT

- q High wall line available in capacities 2.7 up to 7 kW.
- q -15°C operation in cooling and heating mode.
- q A++/A+ class efficiency – minimum energy consumption.
- q Turbo mode.
- q “I Feel” function with precise room temperature control.



RC08W



RCW8 (optional)

PRODUCT ADVANTAGES

- Same indoor unit for multi and single applications.
- Full air quality solution include multi-layer filters electrostatic filter, photocatalytic and anti-bacterial filters as standard.
- 4 dimensional airflow for maximum comfort.
- Multifan speed in Indoor unit.
- Refrigerant leakage detecting alarm system.

The icons represent the following features:

- AA CLASS: A/A CLASS EFFICIENCY
- DC INVERTER
- 1 W: 1 W STANDBY POWER
- R410A FLUID
- ELECTRONIC EXPANSION VALVE
- NANO PHOTOCATALYTIC FILTER
- AUTO CLEAN/DRY
- I FEEL: I FEEL
- SLEEP MODE
- SUPER QUIET (HND 9-18)
- HOT KEEP
- DIGITAL DISPLAY
- TURBO MODE
- PROGRAMMABLE TIMER
- TIMER
- SELF DIAGNOSTIC-LED
- SELF DIAGNOSTIC-DIGITAL
- LOW BATTERY INDICATION
- RESTART
- AUTO RESTART (MEMORY)
- REMOTE CONTROL LOCK
- AUTO MODE OPERATION
- AUTO FAN
- 8°C: 8°C CONSTANT TEMPERATURE HEATING
- IDU: INDOOR MULTI FAN SPEED
- ODU: OUTDOOR MULTI FAN SPEED
- 15°C: LOW AMBIENT COOLING
- 15°C: LOW AMBIENT HEATING
- GOLDEN FINS CONDENSER
- STERIONIZER
- ACTIVE ELECTROSTATIC FILTER
- ELECTROSTATIC FILTER - ANTIBACTERIA
- WIDE ANGLE LOUVER
- LEFT/RIGHT DRAIN CONNECTION (HND 18-24)
- WIRED CONTROL OPTION
- UNIT ON
- SERVICE MONITOR TOOL
- OUTDOOR BASE HEATER

ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Function
RCW8	7ACEL1706		Wired single control	Mode, Fan speed, Timer on-off, Temperature, Swing and “I Feel”.
Test Tool-for Hi-Wall M	7ACEL1710		Service test tool	Capability to view system parameters, history, failure records and parameter adjustments.
ON-OFF dry contact adaptor	7ACEL1190			Option to control from remote with the last operation memory.

HND TECHNICAL DATA

Indoor units		AWSI-HND009-N11	AWSI-HND012-N11	AWSI-HND018-N11	AWSI-HND024-N11
Outdoor units		AWAU-YND009-H11	AWAU-YND012-H11	AWAU-YND018-H11	AWAU-YND024-H11
COOLING					
Rated Capacity	kW	2.7 (1.0-3.3)	3.5 (1.2-3.8)	5 (1.4-6.2)	7.0 (2.8-7.6)
Pdesignc	kW	2.7	3.5	5.0	7.0
Input power	kW	0.69	1.09	1.56	2.32
SEER/Energy label		6.8/A++	6.8/A++	6.8/A++	5.8/A+
Operating limits	°C	-15°/50° Dry bulb			
HEATING					
Rated Capacity	kW	2.8 (1.0-3.5)	3.7 (1.2-4.0)	5.6 (1.4-6.5)	7.2 (2.8-7.8)
Pdesignh (average climate)	kW	2.8	3.6	5.1	6.4
Pdesignh (warmer climate)	kW	2.8	3.6	5.4	7.0
Input power	kW	0.7	0.88	1.55	2.11
SCOP/Energy label (average climate)		3.9/A	3.9/A	3.9/A	3.8/A
SCOP/Energy label (warmer climate)		4.8/A++	5.0/A++	4.8/A++	4.6/A++
Operating limits	°C	-15°/30° Dry bulb			
Capacity @ -10°C	kW	2.7	3.0	4.2	5.8
Capacity @ -15°C	kW	2.5	2.6	3.9	5.5
INDOOR UNIT					
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	28/37/40	28/37/41	34/40/47	45/48/51
Sound power level	dB(A)	53	57	58	64
Airflow (LS/MS/HS)	m³/h	350/460/530	380/490/630	650/780/1000	1050/1280/1450
Dehumidification	l/h	1.0	1.3	1.7	2.6
Outline dimensions (WxHxD)	mm	750x280x198	835x280x198	990x315x218	1186x340x258
Package dimensions (WxHxD)	mm	830x355x270	910x355x270	1065x400x300	1265x420x340
Net weight/Gross weight	kg	8/10.1	9/14	12.5/15.4	16.8/21.7
Part number		7SP022994	7SP022995	7SP022996	7SP022997
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	57	57	58	61
Sound power level	dB(A)	60	62	63	69
Airflow	m³/h	1800	1800	2200	2700
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	760x590x285	760x590x285	760x590x285	845x700x320
Package dimensions (WxHxD)	mm	887x645x355	887x645x355	887x645x355	965x755x395
Net weight/Gross weight	kg	32.8/35.2	32.9/35.2	36.4/38.8	51.2/54.5
Part number		7SP062817	7SP062818	7SP062819	7SP062820
POWER SUPPLY 1~230V - 50 HZ					
Power supply side		Indoor	Indoor	Indoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x1.5	3x2.5
Fuse rating	A	16	16	16	25
Electrical connections	mm²	4x1.5	4x1.5	4x1.5	5x2.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Max length	m	20	20	20	25
Max height	m	8	8	8	10

AIRWELL SOLUTIONS





HKD [ECODESIGN]

HIGH WALL MONO & MULTISPLIT

- q High wall line available in capacities 2.7 up to 6.25 kW.
- q -15°C operation in cooling and heating mode.
- q A++/A+ class efficiency in cooling – minimum energy consumption.
- q Photocatalytic and antibacterial filters as standard.
- q “I Feel” function with precise room temperature control.

PRODUCT ADVANTAGES

- Same indoor unit for multi and single applications.
- Refrigerant leakage detecting alarm system.
- Multifan speed in indoor unit.
- Self clean/dry.



RC08B



RCW8 (optional)

- AA CLASS**
A/A CLASS EFFICIENCY
- DC INVERTER**
- 1 W**
1 W STANDBY POWER
- R410A**
R410A FLUID
- NANO**
PHOTOCATALYTIC FILTER
- AUTO**
AUTO CLEAN/DRY
- I FEEL**
- SLEEP**
SLEEP MODE
- Super Quiet**
SUPER QUIET (HKD 12-24)
- HOT KEEP**
- 88**
DIGITAL DISPLAY
- TURBO**
TURBO MODE
- 24 H**
PROGRAMMABLE TIMER
- TIMER**
- SELF DIAGNOSTIC-LED**
- 88**
SELF DIAGNOSTIC-DIGITAL
- LOW BATTERY**
LOW BATTERY INDICATION
- RESTART**
AUTO RESTART (MEMORY)
- REMOTE CONTROL**
REMOTE CONTROL LOCK
- AUTO MODE**
AUTO MODE OPERATION
- AUTO FAN**
- 8°C**
8°C CONSTANT TEMPERATURE HEATING
- INDOOR**
INDOOR MULTI FAN SPEED
- LEFT/RIGHT DRAIN**
LEFT/RIGHT DRAIN CONNEXION
- OUTDOOR**
OUTDOOR MULTI FAN SPEED
- 15°C**
LOW AMBIENT COOLING
- 15°C**
LOW AMBIENT HEATING
- GOLDEN FINS**
GOLDEN FINS CONDENSER
- STERIONIZER**
- ACTIVE**
ACTIVE ELECTROSTATIC FILTER
- ELECTROSTATIC**
ELECTROSTATIC FILTER - ANTIBACTERIA
- WIDE ANGLE**
WIDE ANGLE LOWERS (HKD 18-24)
- WIRED CONTROL**
WIRED CONTROL OPTION
- UNIT ON**
UNIT ON INPUT
- SERVICE**
SERVICE MONITOR TOOL
- OUTDOOR**
OUTDOOR BASE HEATER

ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Function
RCW8	7ACEL1706		Wired single control	Mode, Fan speed, Timer on-off, Temperature, Swing and “I Feel”.
Test Tool-for Hi-Wall M	7ACEL1710		Service test tool	Capability to view system parameters, history, failure records and parameter adjustments.
ON-OFF dry contact adaptor	7ACEL1190			Option to control from remote with the last operation memory.

HKD TECHNICAL DATA

Indoor units		AWSI-HKD009-N11	AWSI-HKD012-N11	AWSI-HKD018-N11	AWSI-HKD024-N11
Outdoor units		AWAU-YKD009-H11	AWAU-YKD012-H11	AWAU-YKD018-H11	AWAU-YKD024-H11
COOLING					
Rated Capacity	kW	2.7 (1.0-3.2)	3.2 (1.2-3.8)	5.0 (1.4-6.2)	6.25 (2.5-7.2)
Pdesignc	kW	2.7	3.2	5.0	6.25
Input power	kW	0.79	1.00	1.66	2.08
SEER/Energy label		5.8/A+	5.8/A+	6.5/A++	6.2/A++
Operating limits	°C	-15°/50° Dry bulb			
HEATING					
Rated Capacity	kW	2.8 (1.0-3.4)	3.5 (1.2-4.0)	5.1 (1.4-6.4)	7.0 (2.5-7.5)
Pdesignh (average climate)	kW	2.4	3.05	4.8	6.3
Pdesignh (warmer climate)	kW	2.7	3.8	5.1	7.0
Input power	kW	0.72	0.97	1.41	2.18
SCOP/Energy label (average climate)		3.8/A	3.8/A	3.8/A	3.8/A
SCOP/Energy label (warmer climate)		4.8/A++	4.6/A++	4.8/A++	4.6/A++
Operating limits	°C	-15°/30° Dry bulb			
Capacity @ -10°C	kW	2.3	2.8	3.6	4.8
Capacity @ -15°C	kW	2.1	2.5	3.1	4.2
INDOOR UNIT					
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	30/38/42	31/39/43	33/40/43	41/47/50
Sound power level	dB(A)	58	58	58	64
Airflow (LS/MS/HS)	m³/h	440/540/620	430/550/630	400/480/730	900/1050/1150
Dehumidification	l/h	1.0	1.1	1.7	2.4
Outline dimensions (WxHxD)	mm	800x275x188	800x275x188	940x275x205	1045x315x235
Package dimensions (WxHxD)	mm	865x350x265	865x350x265	1015x350x265	1135x315x395
Net weight/Gross weight	kg	6.5/9.5	7.5/9.5	9.5/12.5	12.2/15.3
Part number		7SP022990	7SP022991	7SP022992	7SP022993
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	57	57	61	62
Sound power level	dB(A)	64	64	65	69
Airflow	m³/h	1800	1800	2200	2700
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	780x540x250	780x540x250	760x590x285	845x700x320
Package dimensions (WxHxD)	mm	910x585x335	910x585x335	887x645x355	965x755x395
Net weight/Gross weight	kg	27.5/30	27.5/29.5	35/37.5	46.7/50
Part number		7SP062813	7SP062814	7SP062815	7SP062816
POWER SUPPLY 1~230V - 50 HZ					
Power supply side		Indoor	Indoor	Indoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x1.5	3x2.5
Fuse rating	A	16	16	16	25
Electrical connections	mm²	4x1.5	4x1.5	4x1.5	5x2.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Max length	m	20	20	20	25
Max height	m	8	8	8	10

AIRWELL SOLUTIONS





HDDE [ECODESIGN] HIGH WALL MONOSPLIT





























- q High wall line available in capacities 2.6 up to 6.45 kW.
- q DC Inverter and sine wave compressor drive technology.
- q Photocatalytic and antibacterial prefilter.
- q -15°C operating in heating mode.
- q Cooling & heating operation mode.
- q "I Feel" function with precise room temperature control.



RC08A

PRODUCT ADVANTAGES

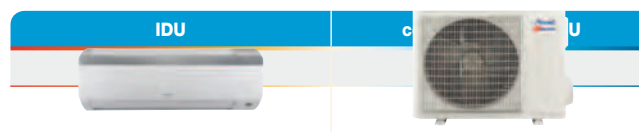
- A/A Class Efficiency. Minimum energy consumption.
- Automatic self clean and internal system drying.
- Self diagnostic by digital failure code indication.

 A/A CLASS EFFICIENCY	 DC INVERTER	 SINE WAVE COMPRESSOR DRIVE	 1 W STANDBY POWER	 LOW VOLTAGE STARTUP
 LOW TEMPERATURE STARTUP	 R410A FLUID	 ELECTRONIC EXPANSION VALVE (HDDE 09/12)	 NANO PHOTOCATALYTIC FILTER	 ELECTROSTATIC FILTER - ANTIBACTERIA
 AUTO CLEAN/DRY	 I FEEL	 WIDE ANGLE LOUVER	 MOTORIZED 2D AIRFLOW	 SLEEP MODE
 HOT KEEP	 DIGITAL DISPLAY	 TURBO MODE	 TIMER	 SELF DIAGNOSTIC-DIGITAL
 LOW BATTERY INDICATION	 AUTO RESTART (MEMORY)	 REMOTE CONTROL LOCK	 ADVANCED DEFROST	 AUTO MODE OPERATION
 AUTO FAN	 TEST MODE TECHNICIAN TEST MODE	 -15°C LOW AMBIENT HEATING		

HDDE TECHNICAL DATA

Indoor units		AWSI-HDDE009-N11	AWSI-HDDE012-N11	AWSI-HDDE018-N11	AWSI-HDDE024-N11
Outdoor units		AWAU-YDDE009-H11	AWAU-YDDE012-H11	AWAU-YDDE018-H11	AWAU-YDDE024-H11
COOLING					
Rated Capacity	kW	2.6 (0.45-3.23)	3.5 (0.6-3.96)	5.3 (1.2-6.3)	6.45 (2.53-6.55)
Pdesignc	kW	2.6	3.5	5.3	6.45
Input power	kW	0.85	1.15	1.60	2.18
SEER/Energy label		5.6/A+	5.1/A	5.4/A	5.4/A
Operating limits	°C	10°/46° Dry bulb		5°/46° Dry bulb	
HEATING					
Rated Capacity	kW	3.0 (0.45-4.1)	3.8 (0.6-5.13)	5.6 (1.1-6.4)	7.0 (2.53-7.6)
Pdesignh (average climate)	kW	2.6	2.7	4.8	5.8
Pdesignh (warmer climate)	kW	2.8	3.5	5.3	6.2
Input power	kW	0.9	1.1	1.75	2.22
SCOP/Energy label (average climate)		3.8/A	3.8/A	3.8/A	3.8/A
SCOP/Energy label (warmer climate)		4.4/A+	4.2/A+	4.6/A++	4.6/A++
Operating limits	°C	-15°/24° Dry bulb			
Capacity @ -10°C	kW	2.4	2.5	3.9	4.4
Capacity @ -15°C	kW	2.1	2.2	3.3	4.0
INDOOR UNIT					
Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	24/30/38/43	25/31/39/44	35/40/44/49	39/42/47/51
Sound power level (LS/MS/HS/SS)	dB(A)	34/40/48/55	35/41/49/56	46/51/55/60	49/52/57/63
Airflow (LS/MS/HS/SS)	m³/h	280/370/520/600	300/410/560/680	460/560/680/800	550/700/800/1000
Dehumidification	l/h	0.8	1.4	1.8	2
Outline dimensions (WxHxD)	mm	770x283x201	770x283x201	865x305x215	1008x319x221
Package dimensions (WxHxD)	mm	855x360x280	855x360x280	948x383x310	1076x398x328
Net weight/Gross weight	kg	8/11	9/12	12/15	14.5/17.5
Part number		7SP022904	7SP022905	7SP022906	7SP022907
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	51	53	55	58
Sound power level	dB(A)	62	62	65	68
Airflow	m³/h	1800	1800	3200	4000
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	766x540x320	848x540x320	955x700x396	980x790x427
Package dimensions (WxHxD)	mm	851x595x363	881x595x363	1029x750x458	1083x855x488
Net weight/Gross weight	kg	36/41	40/45	46/50	55.5/60.5
Part number		7SP061877	7SP061878	7SP061879	7SP061880
POWER SUPPLY 1~230V - 50 HZ					
Power supply side		Indoor	Indoor	Indoor	Indoor
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x2.5
Fuse rating am	A	16	16	25	25
Electrical connections	mm²	4x1.5	4x1.5	4x2.5	4x2.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
Max length	m	15	20	25	25
Max height	m	10	10	10	10

AIRWELL SOLUTIONS





(Under development)

SXB [ECODESIGN]

Unique solutions

- FLEXY MATCH
- ADVANCED CONTROL OPTIONS

FLOOR CEILING
MONO & PREMIUM MULTISPLIT

- q Floor and ceiling line available in capacities from 2.5 to 5 kW.
- q Cooling & heating operation mode.
- q DC Inverter and sine wave compressor drive technology (over 3.5 kW).
- q "I Feel" function with precise room temperature control.

New DC motor with high efficiency.

PRODUCT ADVANTAGES

- Motorized air control in 4 directions, right to left and up to down.
- Possibility to connect to alarm output, unit ON/OFF output, human presence detector and group control.
- Operating in ambient temperature, up to -15°C in heating and -10°C in cooling.
- Pre charge to max tubing length.
- Heating only mode force option.
- DC motor with high efficiency.
- Treatment of corrosion on outdoor units and electronic cards.

Grid of 48 icons representing various product features and advantages:

- FLEXY MATCH
- DC INVERTER
- SINE WAVE COMPRESSOR DRIVE
- 1 W STANDBY POWER
- LOW VOLTAGE STARTUP
- LOW TEMPERATURE STARTUP
- R410A FLUID
- ELECTRONIC EXPANSION VALVE
- ANTI-DUST AND UV CASING
- FILTER CLEAN INDICATION
- I FEEL
- WIDE ANGLE LOUVER
- MOTORIZED 4D AIRFLOW
- SLEEP MODE
- HOT KEEP
- PROGRAMMABLE TIMER
- SELF DIAGNOSTIC-LED
- LOW BATTERY INDICATION
- RESTART
- AUTO RESTART (MEMORY)
- REMOTE CONTROL LOCK
- ADVANCED DEFROST
- AUTO MODE OPERATION
- AUTO FAN
- WIRED CONTROL OPTION
- ALARM OUTPUT
- UNIT ON
- PRESENCE DETECTOR OUTPUT
- GROUP CONTROL
- BMS
- SERVICE MONITOR TOOL
- POWER CONSUMPTION CONTROL
- OUTDOOR UNIT DIGITAL DIAGNOSTIC
- OUTDOOR UNIT NIGHT MODE DRY CONTACT
- OUTDOOR UNIT STAND-BY
- OUTDOOR UNIT ALARM OUTPUT
- FULL LENGTH REFRIGERANT PRECHARGE
- TEST MODE
- TECHNICIAN TEST MODE
- LOW AMBIENT COOLING
- LOW AMBIENT HEATING



RC08W



RCW2 (optional)

ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Additional accessory required	Function
RCW2	7ACEL1212		Wired group control.		- Control up to 32 Indoor unit as a group or individually. - Option to set up to 15 group zones. - Option to set timer (daily and weekly), mode, fan speed and swing.
RCL	7ACEL1447		Simple wired remote control.	CBI-B P/N7ACEL1616	Simple functions as: ON/OFF, operating mode, temperature up and down, fan speed selection and room temperature.
CBI-B	7ACEL1616		Communication interface board Heating model only option.	Kit is including cables.	- RS485, RCW2, RCL remote controls. - 1 dry contact input (selecting by dip switches). - Alarm status output (12V DC). - ON/OFF status output (12V DC).
KIT	7ACFH0221		Condensate lift pump.		Evacuate condensat.
KIT	7ACVF0122		Air distribution unit (SXB 9/12).		Possibility of air conditioning.
KIT	7ACVF0123		Air distribution unit (SXB 18).		Two separates rooms with on single unit.
KIT	7ACTL0073		Rear panel tube cover (SXB 9/12).		Cover the tubing.
KIT	7ACTL0074		Rear panel tube cover (SXB 18).		

SXB TECHNICAL DATA

Indoor units		AWSI-SXB009-N11	AWSI-SXB012-N11	AWSI-SXB018-N11
Outdoor units		AWAU-YBDE009-H11	AWAU-YBDE012-H11	AWAU-YBDE018-H11
COOLING				
Rated Capacity	kW	2.5 (1.4-3.6)	3.5 (1.5-4.4)	5 (1.5-5.8)
Pdesignc	kW	2.5	3.5	5
Input power	kW	0.62	0.98	1.51
SEER/Energy label		5.20/A	5.30/A	5.10/A
Operating limits	°C	-10°/46° Dry bulb		
HEATING				
Rated Capacity	kW	3.2 (1.5-4.5)	4.2 (1.5-5.0)	5.6 (1.3-6.5)
Pdesignh	kW	2.5	3.5	4.5
Input power	kW	0.93	1.31	1.59
SCOP/Energy label		3.40/A	3.60/A	3.60/A
Operating limits	°C	-15°/24° Dry bulb		
INDOOR UNIT				
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	29/37/42	30/41/45	40/48/51
Sound power level (LS/MS/HS)	dB(A)	41/49/54	51/53/56	56/60/65
Airflow (LS/MS/HS)	m³/h	300/350/400	300/350/400	600/750/870
Dehumidification	l/h	1	1.5	2
Outline dimensions (WxHxD)	mm	820x630x190	820x630x190	1200x630x190
Package dimensions (WxHxD)	mm	920x726x273	920x726x273	1300x726x273
Net weight/Gross weight	kg	21/25	22/26	30/35
Part number		7SP012219	7SP012220	7SP012221
OUTDOOR UNIT				
Sound pressure level to 1 m	dB(A)	51	52	53
Sound power level	dB(A)	61	62	65
Airflow	m³/h	1780	1780	2500
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	795x610x290	795x610x290	900x700x340
Package dimensions (WxHxD)	mm	970x650x394	970x650x394	985x730x435
Net weight/Gross weight	kg	38/42	38.5/42.5	56/58.5
Part number		7SP061819	7SP061820	7SP061886
POWER SUPPLY 1~230V - 50 HZ				
Power supply side		Indoor	Indoor	Indoor & Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x2.5
Fuse rating am	A	16	16	20
Electrical connections	mm²	4x1.5	4x1.5	4x1.5
PIPE LINE				
Suction pipe diameter	inches	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"
Max length	m	20	20	30
Max height	m	10	10	15

AIRWELL SOLUTIONS



FBD [ECODESIGN] FLOOR CEILING MONOSPLIT

- q Floor and ceiling line available in capacities from 5.3 to 15.6 kW.
- q Cooling & heating operation mode.
- q DC Inverter and sine wave compressor drive technology.
- q "I Feel" function with precise room temperature control.
- q Available in 3PH from 10 kW.



PRODUCT ADVANTAGES

- Operating in ambient temperature, up to -15°C in heating and -15°C in cooling.
- Centralized controller up to 64 units including weekly timer (optional).
- Fresh air intake option.
- 4 dimensional airflow for maximum comfort.



RCW8B



RCW8 (optional)



RCW6 (optional)

- AA CLASS**: A/A CLASS EFFICIENCY
- DC INVERTER**: DC INVERTER
- R410A FLUID**: R410A FLUID
- ELECTRONIC EXPANSION VALVE**: ELECTRONIC EXPANSION VALVE
- FRESH AIR**: FRESH AIR
- I FEEL**: I FEEL
- WIDE ANGLE LOWER**: WIDE ANGLE LOWER
- SLEEP MODE**: SLEEP MODE
- HOT KEEP**: HOT KEEP
- DIGITAL DISPLAY**: DIGITAL DISPLAY
- 24 H**: PROGRAMMABLE TIMER
- TIMER**: TIMER
- SELF DIAGNOSTIC-LED**: SELF DIAGNOSTIC-LED
- SELF DIAGNOSTIC-DIGITAL**: SELF DIAGNOSTIC-DIGITAL
- LOW BATTERY INDICATION**: LOW BATTERY INDICATION
- RESTART**: AUTO RESTART (MEMORY)
- REMOTE CONTROL LOCK**: REMOTE CONTROL LOCK
- AUTO MODE OPERATION**: AUTO MODE OPERATION
- AUTO FAN**: AUTO FAN
- LEFT/RIGHT DRAIN CONNEXION**: LEFT/RIGHT DRAIN CONNEXION
- ODU**: OUTDOOR MULTI FAN SPEED
- 15°C**: LOW AMBIENT COOLING
- 15°C**: LOW AMBIENT HEATING
- GOLDEN FINS CONDENSER**: GOLDEN FINS CONDENSER
- NANO PHOTOCATALYTIC FILTER**: NANO PHOTOCATALYTIC FILTER
- ELECTROSTATIC FILTER - ANTIBACTERIA**: ELECTROSTATIC FILTER - ANTIBACTERIA
- INTEGRATED WATER PUMP**: INTEGRATED WATER PUMP
- ALARM OUTPUT**: ALARM OUTPUT
- UNIT ON INPUT**: UNIT ON INPUT
- GROUP CONTROL**: GROUP CONTROL
- BMS COMPATIBLE**: BMS COMPATIBLE
- OUTDOOR BASE HEATER**: OUTDOOR BASE HEATER

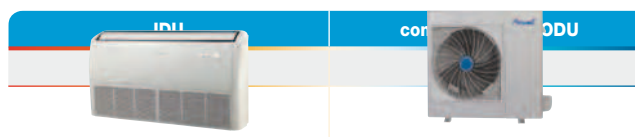
ACCESSORIES/OPTIONS

Acc.	Reference	Photo	Description	Function
RCW6	7ACEL1704		Wired single control	Mode, Fan speed (except for size 60), Real time, Timer, Temperature, Weekly Timer, Swing and "I Feel".
RCW8	7ACEL1706		Wired single control for FBD 18-48	Mode, Fan speed, Timer on-off, Temperature, Swing and "I Feel".
Central controller for LCAC-M	7ACEL1707		Central controller	Control up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory.
BMS-M	7ACEL1708		BMS gateway	

FBD TECHNICAL DATA

Indoor units		AWSI-FBD018-N11	AWSI-FBD024-N11	AWSI-FBD030-N11	AWSI-FBD036-N11	AWSI-FBD036-N11	AWSI-FBD048-N11	AWSI-FBD060-N11
Outdoor units 1-230V - 50 Hz		AWAU-YLD018-H11	AWAU-YLD024-H11	AWAU-YLD030-H11	AWAU-YLD036-H11	-	-	-
Outdoor units 3-400V - 50 Hz		-	-	-	-	AWAU-YLD036-H13	AWAU-YLD048-H13	AWAU-YLD060-H13
COOLING								
Rated Capacity	kW	5.3	7.2	8.5	10.5	10.2	14.0	15.6
Pdesignc	kW	5.3	7.2	8.5	10.5	10.2	-	-
Input power	kW	1.26	2.24	2.82	3.48	3.39	4.36	4.86
SEER/Energy label		6.1/A++	6.4/A++	6.4/A++	6.0/A+	5.7/A+	3.21/A	3.21/A
Operating limits	°C	-15°/50° Dry bulb						
HEATING								
Rated Capacity	kW	5.9	7.8	9.0	11	11	14.6	17
Pdesignh (average climate)	kW	5.3	7.8	8.5	10.2	10.0	-	-
Input power	kW	1.49	2.10	2.42	3.05	3.05	4.04	4.70
SCOP/Energy label (average climate)		3.8/A	3.9/A	3.9/A	3.8/A	3.8/A	3.61/A	3.61/A
Operating limits	°C	-15°/24° Dry bulb						
Capacity @ -10°C	kW	4.3	7	7	8.3	8.5	11.6	12.7
Capacity @ -15°C	kW	3.7	6	6	7.2	7.3	10	11
INDOOR UNIT								
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	46/43/40	46/50/55	46/50/55	44/49/54	44/49/54	51/54/57	51/54/57
Sound power level	dB(A)	60	63	64	65	65	68	69
Airflow (LS/MS/HS)	m³/h	600/750/900	1100/1250/1400	1450/1650/1850	1500/1850/2200	1500/1850/2200	1700/1900/2300	1700/1900/2300
Dehumidification	l/h	2	2.3	2.5	3.5	3.5	4.5	5.0
Outline dimensions (WxHxD)	mm	1068x675x235	1068x675x235	1285x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Package dimensions (WxHxD)	mm	1145x755x313	1145x755x313	1360x755x313	1725x755x313	1725x755x313	1725x755x313	1725x755x313
Net weight/Gross weight	kg	25/31.5	25/30	30/35	40/46	40/46	40/46	43/50
Part number		7SP012225	7SP022998	7SP022999	7SP023000	7SP023000	7SP023001	7SP023002
OUTDOOR UNIT								
Sound pressure level to 1 m	dB(A)	60	60	61	63	63	63	64
Sound power level	dB(A)	66	69	70	70	70	70	70
Airflow	m³/h	2500	3500	3800	7200	7200	7200	7500
Compressor type		Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI
Outline dimensions (WxHxD)	mm	845x700x320	900x860x315	900x860x315	990x965x345	990x965x345	938x1369x392	938x1369x392
Package dimensions (WxHxD)	mm	965x755x395	1043x915x395	1043x915x395	1120x1100x435	1120x1100x435	1095x1505x495	1095x1505x495
Net weight/Gross weight	kg	46/50	59/63	59/63	73/83	77/88	102.5/116	102.5/116
Part number 1-230V - 50 Hz		7SP062822	7SP062823	7SP062824	7SP062825	-	-	-
Part number 3-400V - 50 Hz		-	-	-	-	7SP062826	7SP062827	7SP062828
POWER SUPPLY 1-230V - 50 HZ								
Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	-	-	-
Power cable section	mm²	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x4.0	-	-	-
Fuse rating am	A	10+16	10+20	10+30	10+30	-	-	-
Electrical connections	mm²	3x0.5	3x0.5	3x0.5	3x0.5	-	-	-
POWER SUPPLY 3-400V - 50 HZ								
Power supply side		-	-	-	-	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	-	-	-	-	3x1.0+5x2.5	3x1.0+5x2.5	3x1.0+5x2.5
Fuse rating am	A	-	-	-	-	10+20	10+25	10+25
Electrical connections	mm²	-	-	-	-	3x0.5	3x0.5	3x0.5
PIPE LINE								
Suction pipe diameter	inches	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	3/4"
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	30	50	50	65	65	65	65
Max height	m	20	25	25	30	30	30	30

AIRWELL SOLUTIONS





FWDE [ECODESIGN]

Unique solutions



FLOOR CEILING MONOSPLIT



- q Floor ceiling line available in capacities from 3.5 to 6.8 kW.
- q Cooling operation mode.
- q Glossy designed unit.
- q DC Inverter and sine wave compressor drive technology.
- q "I Feel" function with precise room temperature control.
- q Very low ambient operating temperature.



RC08W

PRODUCT ADVANTAGES

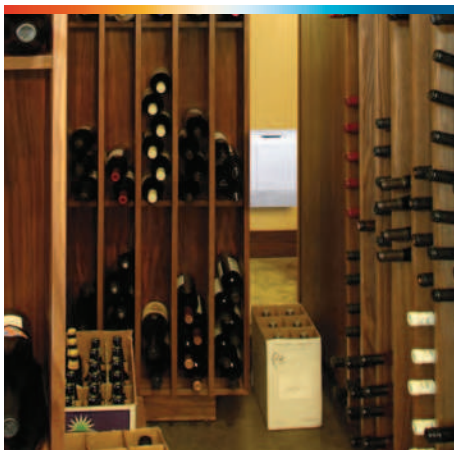
- Dedicated design for wine cellars. Cooling operation up to -10°C outside and go down up to 12°C inside.
- Precharge to max tubing length up to 20 m.
- Fuzzy logic to control compressor by outdoor fan and electronic expansion valve in extrem low operation temperature.
- Treatment of corrosion on outdoor units and electronic cards.

 FLEXY MATCH	 DC INVERTER	 SINE WAVE COMPRESSOR DRIVE	 1 W STANDBY POWER	 LOW VOLTAGE STARTUP
 LOW TEMPERATURE STARTUP	 R410A FLUID	 ELECTRONIC EXPANSION VALVE	 ANTI-DUST AND UV CASING	 FILTER CLEAN INDICATION
 I FEEL	 WIDE ANGLE LOUVER	 MOTORIZED 2D AIRFLOW	 SLEEP MODE	 PROGRAMMABLE TIMER
 SELF DIAGNOSTIC-LED	 LOW BATTERY INDICATION	 AUTO RESTART (MEMORY)	 REMOTE CONTROL LOCK	 AUTO FAN
 ALARM OUTPUT	 UNIT ON	 PRESENCE DETECTOR OUTPUT	 BMS COMPATIBLE	 SERVICE MONITOR TOOL
 POWER CONSUMPTION CONTROL	 WIRED REMOTE CONTROL DIAGNOSTIC	 OUTDOOR UNIT DIGITAL DIAGNOSTIC	 OUTDOOR UNIT NIGHT MODE DRY CONTACT	 OUTDOOR UNIT STAND-BY
 OUTDOOR UNIT ALARM OUTPUT	 FULL LENGTH REFRIGERANT PRECHARGE	 TECHNICIAN TEST MODE	 -10°C	 -15°C

FWDE TECHNICAL DATA

Indoor units		AWSI-FWDE012-N11	AWSI-FWDE018-N11	AWSI-FWDE024-N11
Outdoor units		AWAU-YBDE012-H11	AWAU-YBDE018-H11	AWAU-YBDE024-H11
COOLING				
Capacity	kW	3.5 (1.5-4.4)	5.0 (1.5-5.8)	6.8 (1.5-7.6)
Pdesignc	kW	3.5	5.0	6.8
Input power	kW	0.98	1.51	2.25
SEER/Energy label		5.61/A+	5.1/A	5.1/A
Operating limits	°C	-10°/46° Dry Bulb		
INDOOR UNIT				
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	30/41/45	40/48/51	46/50/54
Sound power level (LS/MS/HS)	dB(A)	51/53/56	56/60/65	58/63/66
Airflow (LS/MS/HS)	m³/h	300/350/400	600/750/870	800/950/1020
Dehumidification	l/h	1.5	2	2.5
Outline dimensions (WxHxD)	mm	820x630x190	1200x630x190	1200x630x190
Package dimensions (WxHxD)	mm	920x726x273	1300x726x273	1300x726x273
Net weight/Gross weight	kg	22/26	30/35	32/36
Part number		7SP012204	7SP012206	7SP012205
OUTDOOR UNIT				
Sound pressure level to 1 m	dB(A)	52	53	59
Sound power level	dB(A)	62	63	69
Airflow	m³/h	1780	2160	3600
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	795x610x290	795x610x290	950x864x340
Package dimensions (WxHxD)	mm	970x650x394	970x650x394	1140x930x510
Net weight/Gross weight	kg	38.5/42.5	38/41	65.5/73
Part number		7SP061820	7SP061884	7SP061885
POWER SUPPLY 1~230V - 50 HZ				
Power supply side		Indoor	Indoor	Outdoor
Power cable section	mm²	3x1.5	3x2.5	3x2.5
Fuse rating am	A	16	20	25
Electrical connections	mm²	4x1.5	4x2.5	4x1.5
PIPE LINE				
Suction pipe diameter	inches	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"
Max length	m	20	20	30
Max height	m	10	10	15

AIRWELL SOLUTIONS





XAD [ECODESIGN]

CONSOLE MONOSPLIT MULTISPLIT Q Only size 12

- q Console line available in capacities 3.5 and 4.7 kW.
- q Cooling & heating operation mode.
- q "I Feel" function with precise room temperature control.

PRODUCT ADVANTAGES

- Wide operating temperature -15°C in heating and cooling.
- Airflow direction control, up or down for comfort selection.
- Four air inlet direction.
- Easy for maintenance.



RC08B





RCW8
(optional)



RCW6
(optional)



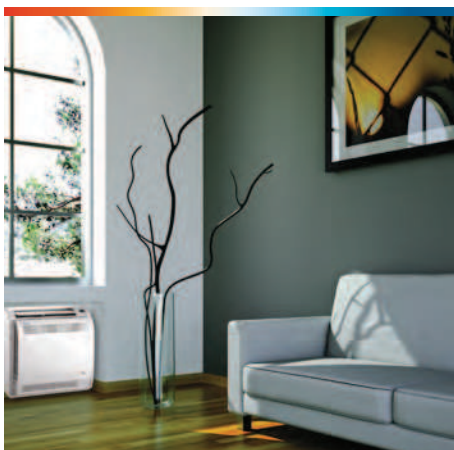
ACCESSORIES/OPTIONS

Acc.	Reference	Photo	Description	Function
RCW6	7ACEL1704		Wired single control	Mode, Fan speed (except for size 60), Real time, Timer, Temperature, Weekly Timer, Swing and "I Feel".
RCW8	7ACEL1706		Wired single control for FBD 18-48	Mode, Fan speed, Timer on-off, Temperature, Swing and "I Feel".

XAD TECHNICAL DATA

Indoor units		AWSI-XAD012-N11	AWSI-XAD018-N11
Outdoor units		AWAU-YLD012-H11	AWAU-YLD018-H11
COOLING			
Rated Capacity	kW	3.5	4.7
Pdesignc	kW	3.5	4.7
Input power	kW	1.09	1.55
SEER/Energy label		6.1/A++	5.6/A+
Operating limits	°C	-15°/50° Dry bulb	
HEATING			
Rated Capacity	kW	3.6	5.0
Pdesignh (average climate)	kW	3.5	5.0
Input power	kW	0.99	1.38
SCOP/Energy label (average climate)		3.8/A	3.8/A
Operating limits	°C	-15°/24° Dry bulb	
Capacity @ -10°C	kW	3.1	4.1
Capacity @ -15°C	kW	2.6	3.5
INDOOR UNIT			
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	36/42/47	39/44/48
Sound power level	dB(A)	58	60
Airflow (LS/MS/HS/SS)	m³/h	440/560/640/700	560/640/700/740
Dehumidification	l/h	1.5	2.0
Outline dimensions (WxHxD)	mm	700x600x210	700x600x210
Package dimensions (WxHxD)	mm	810x710x305	810x710x305
Net weight/Gross weight	kg	15/20	15/20
Part number		7SP071403	7SP071404
OUTDOOR UNIT			
Sound pressure level to 1 m	dB(A)	58	60
Sound power level	dB(A)	62	66
Airflow	m³/h	2200	2500
Compressor type		Rotary DC Inverter	Rotary DC Inverter
Outline dimensions (WxHxD)	mm	760x590x285	845x700x320
Package dimensions (WxHxD)	mm	887x645x355	965x755x395
Net weight/Gross weight	kg	35.4/37.9	46/50
Part number		7SP062821	7SP062822
POWER SUPPLY 1~230V - 50 HZ			
Power supply side		Outdoor	Indoor & Outdoor
Power cable section	mm²	3x1.5	3x1.0+3x2.5
Fuse rating am	A	16	10+16
Electrical connections	mm²	4x1.0	3x0.5
PIPE LINE			
Suction pipe diameter	inches	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"
Max length	m	20	30
Max height	m	10	20

AIRWELL SOLUTIONS





CNE [ECODESIGN]

Unique solutions

- FLEXY MATCH
- ADVANCED CONTROL OPTIONS

CASSETTE 600x600 MONO & PREMIUM MULTISPLIT

- q Cassette line available in capacities from 2.5 to 6.8 kW.
- q Cooling & heating operation mode.
- q DC Inverter and sine wave compressor drive technology.
- q "I Feel" function with precise room temperature control.



PRODUCT ADVANTAGES

- Temperature control adjustment according to installation height.
- Available with 625x625 mm panel.
- Compact design, only 219 mm unit net height (CNE 9/12).
- Possibility to connect to alarm output, unit ON/OFF output, human presence detector and group control.
- Fresh air supplied.
- Heating only mode force option.
- Treatment of corrosion on outdoor units and electronic cards.

- FLEXY MATCH
- A/A CLASS EFFICIENCY
- DC INVERTER
- SINE WAVE COMPRESSOR DRIVE
- LOW VOLTAGE STARTUP
- LOW TEMPERATURE STARTUP
- R410A FLUID
- ELECTRONIC EXPANSION VALVE
- AUTO CLEAN/DRY
- ANTI DUST AND UV CASING
- FRESH AIR
- I FEEL
- WIDE ANGLE LOUVER
- MOTORIZED 4D AIRFLOW
- SLEEP MODE
- HOT KEEP
- TURBO MODE
- PROGRAMMABLE TIMER
- SELF DIAGNOSTIC-LED
- LOW BATTERY INDICATION
- AUTO RESTART (MEMORY)
- REMOTE CONTROL LOCK
- COMPACT DESIGN
- ADVANCED DEFROST
- AUTO MODE OPERATION
- AUTO FAN
- MULTI FAN SPEED
- INTEGRATED WATER PUMP
- WIRED CONTROL OPTION
- ALARM OUTPUT (CNE 24)
- UNIT ON
- PRESENCE DETECTOR INPUT
- GROUP CONTROL
- SERVICE MONITOR TOOL
- POWER CONSUMPTION CONTROL
- WIRED REMOTE CONTROL DIAGNOSTIC
- OUTDOOR UNIT NIGHT MODE DRY CONTACT
- OUTDOOR UNIT STAND-BY
- FULL LENGTH REFRIGERANT PRECHARGE
- TECHNICIAN TEST MODE
- 10°C LOW AMBIENT COOLING
- 15°C LOW AMBIENT HEATING
- STERILIZER
- ELECTROSTATIC FILTER-ANTIBACTERIA
- BMS COMPATIBLE

ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Additional accessory required	Function
RCW2	7ACEL1212		Wired group control.		- Control up to 32 Indoor unit as a group or individually. - Option to set up to 15 group zones. - Option to set timer (daily and weekly), mode, fan speed and swing.
RCL	7ACEL1447		Simple wired remote control.	CBI-B P/N7ACEL1616	Simple functions as: ON/OFF, operating mode, temperature up and down, fan speed selection and room temperature.
CBI-B	7ACEL1616		Communication interface board Heating model only option.	Kit is including cables.	- RS485, RCW2, RCL remote controls. - 1 dry contact input (selecting by dip switches). - Alarm status output (12V DC). - ON/OFF status output (12V DC).

CNE TECHNICAL DATA

Indoor units		AWSI-CNE009-N11	AWSI-CNE012-N11	AWSI-CNE018-N11	AWSI-CNE024-N11
Outdoor units		AWAU-YBDE009-H11	AWAU-YBDE012-H11	AWAU-YBDE018-H11	AWAU-YBDE024H11
COOLING					
Capacity	kW	2.5 (1.5-3.6)	3.5 (1.7-4.3)	5 (1.5-5.8)	6.8 (1.5-8.0)
Pdesignc	kW	2.5	3.5	5.0	6.8
Input power	kW	0.59	0.96	1.55	2.19
SEER/Energy label		5.7/A+	5.61/A+	5.2/A	5.7/A+
Operating limits	°C	-10°/46° Dry bulb			
HEATING					
Capacity	kW	3.2 (1.5-4.8)	4.2 (1.6-5.5)	5.6 (1.3-6.8)	7.3 (1.5-9.0)
Pdesignh	kW	2.5	3.5	4.6	6.0
Input power	kW	0.6	0.97	1.38	1.92
SCOP/Energy label		4.0/A+	4.0/A+	4.0/A	4.0/A
Operating limits	°C	-15°/24° Dry bulb			
Capacity @ -10°C	kW			4.4	5.1
Capacity @ -15°C	kW	2.2	2.25	3.9	4.6
INDOOR UNIT					
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	28/30/32	28/31/34	30/33/36	36/38/40
Sound power level	dB(A)	49	51	55	60
Airflow (LS/MS/HS)	m³/h	320/370/420	320/390/470	500/560/620	580/640/700
Dehumidification	l/h	0.7	1.5	2.5	2.8
Outline dimensions (WxHxD)	mm	575x575x219	575x575x219	575x575x270	575x575x270
Package dimensions (WxHxD)	mm	681x681x297	681x681x297	681x681x348	681x681x348
Net weight/Gross weight	kg	12.9/16.2	12.9/16.2	15.2/18.7	15.5/19
Part number		7SP022913	7SP022914	7SP022915	7SP022916
FRAME 625x625					
Outline dimensions (WxHxD)	mm	625x40x625	625x40x625	625x40x625	625x40x625
Package dimensions (WxHxD)	mm	700x103x700	700x103x700	700x103x700	700x103x700
Net weight/Gross weight	kg	2.2/3.4	2.2/3.4	2.2/3.4	2.2/3.4
Part number frame 625x625		7ACVF0478	7ACVF0478	7ACVF0478	7ACVF0478
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	51	52	53	55
Sound power level	dB(A)	61	62	65	67
Airflow	m³/h	1780	1780	2500	2750
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	795x610x290	795x610x290	900x700x340	900x700x340
Package dimensions (WxHxD)	mm	970x650x394	970x650x394	985x730x435	985x730x435
Net weight/Gross weight	kg	38/42	38.5/42.5	56/58.5	61/63.5
Part number		7SP061819	7SP061820	7SP061886	7SP061887
POWER SUPPLY 1~230V - 50 HZ					
Power supply side		Indoor	Indoor	Indoor & Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x2.5
Fuse rating am	A	16	16	20	20
Electrical connections	mm²	4x1.5	4x1.5	4x1.5	4x1.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Max length	m	20	20	30	30
Max height	m	10	10	15	15

X

AIRWELL SOLUTIONS



CBD [ECODESIGN] 

CASSETTE MONOSPLIT
MULTISPLIT Q Only size 12

- q Cassette line available in capacities from 3.5 to 12.5 kW.
- q Cooling & heating operation mode.
- q DC Inverter and sine wave compressor drive technology.
- q "I Feel" function with precise room temperature control.
- q Available in 3PH from 10 kW.



PRODUCT ADVANTAGES




- Operating in ambient temperature, up to -15°C in heating and -15°C in cooling.
- 360 degree flow with round corners.
- Fresh air (optional).
- Centralized controller up to 64 units including weekly timer (optional).
- Size 12 can also match to multi ODU.
- Twin application:



Capacity combinations	Indoor units	Outdoor units
Twin system	18K + 18K	36K
	24K + 24K	48K
	30K + 30K	60K

Tubing & charge instructions	12k	18k	24k	30k	36k	48k
Pipe diameter (liquid-gas) (mm)	6.35-9.52	6.35-12.7	9.52-15.9	9.52-15.9	9.52-15.9	9.52-15.9
Max length (m)	20	30	50	50	65	65
Max. length difference (m)	10	20	25	25	30	30
Tubing length (m)	5	5	5	5	5	5
Additional charge (g/m)	11	11	30	30	30	30

ACCESSORIES/OPTIONS

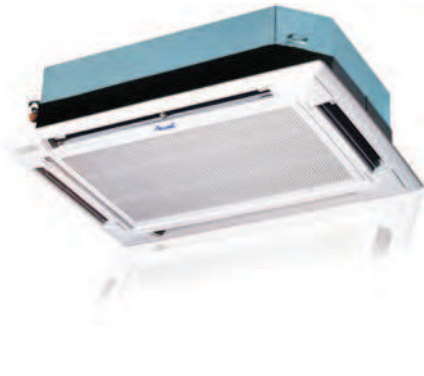
Acc.	Reference	Photo	Description	Function
RCW6	7ACEL1704		Wired single control for CBD 24-48	Mode, Fan speed, Real time, Timer, Temperature, Weekly Timer, Swing and "I Feel".
RCW8	7ACEL1706		Wired single control	Mode, Fan speed, Timer on-off, Temperature, Swing and "I Feel".
Central controller for LCAC-M	7ACEL1707		Central controller	Control up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory.
BMS-M	7ACEL1708		BMS gateway	
Branch Gas	7ACFH0476			1st tube branch to collect all suction lines.
Branch Liquid	7ACFH0477			2ed tube branch to collect all liquid lines.

CBD TECHNICAL DATA

Indoor units		AWSI-CBD012-N11	AWSI-CBD018-N11	AWSI-CBD024-N11	AWSI-CBD030-N11	AWSI-CBD036-N11	AWSI-CBD036-N11	AWSI-CBD048-N11
Outdoor units 1-230V - 50 Hz		AWAU-YLD012-H11	AWAU-YLD018-H11	AWAU-YLD024-H11	AWAU-YLD030-H11	AWAU-YLD036-H11	-	-
Outdoor units 3-400V - 50 Hz		-	-	-	-	-	AWAU-YLD036-H13	AWAU-YLD048-H13
COOLING								
Rated Capacity	kW	3.5	5.0	7.2	8.5	10.0	10.0	12.5
Pdesignc	kW	3.5	5.0	7.2	8.5	10.0	10.0	-
Input power	kW	1.09	1.65	2.24	2.82	3.32	3.32	3.89
SEER/Energy label		5.6/A+	5.6/A+	6.1/A++	6.4/A++	5.4/A	5.4/A	3.21/A
Operating limits	°C	-15°/50° Dry bulb						
HEATING								
Rated Capacity	kW	3.5	5.3	8.0	8.6	10.5	10.5	13.0
Pdesignh (average climate)	kW	3.5	5.3	7.8	8.1	10.0	10.0	-
Input power	kW	0.97	1.47	2.15	2.34	2.91	2.91	3.60
SCOP/Energy label (average climate)		3.8/A	3.8/A	3.9/A	3.9/A	3.8/A	3.8/A	3.61/A
Operating limits	°C	-15°/24° Dry bulb						
Capacity @ -10°C	kW	3.1	4.4	6.6	6.7	8.7	8.7	10.4
Capacity @ -15°C	kW	2.7	3.7	5.7	5.8	7.5	7.2	9.1
INDOOR UNIT								
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	46/43/40	47/43/39	45/47/50	45/48/52	46/49/53	46/49/53	47/50/54
Sound power level	dB(A)	55	60	62	62	63	63	64
Airflow (LS/MS/HS)	m³/h	560/710/800	560/710/800	1300/1500/1700	1400/1600/1850	1400/1600/1850	1400/1600/1850	1600/1800/2200
Dehumidification	l/h	1.5	2	2.5	3	3.8	3.8	4.5
Outline dimensions (WxHxD)	mm	570x260x570	570x260x570	840x245x840	840x245x840	840x245x840	840x245x840	840x287x840
Package dimensions (WxHxD)	mm	655x290x655	655x290x655	900x265x900	900x265x900	900x265x900	900x265x900	900x292x900
Net weight/Gross weight	kg	16/19	18/21	24/28	26.5/30.5	26.5/30.5	26.5/30.5	29/33
Part number		7SP042234	7SP042240	7SP042224	7SP042225	7SP042226	7SP042226	7SP042227
FRAME (INCLUDED IN THE INDOOR UNIT)								
Outline dimensions (WxHxD)	mm	647x50x647	647x50x647	950x55x950	950x55x950	950x55x950	950x55x950	950x55x950
Package dimensions (WxHxD)	mm	715x123x715	715x123x715	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
Net weight/Gross weight	kg	2.5/4.5	2.5/4.5	5/8	5/8	5/8	5/8	5/8
Part number frame		7ACVF0565	7ACVF0565	7ACVF0564	7ACVF0564	7ACVF0564	7ACVF0564	7ACVF0564
OUTDOOR UNIT								
Sound pressure level to 1 m	dB(A)	58	60	60	61	63	63	63
Sound power level	dB(A)	62	66	69	70	70	70	70
Airflow	m³/h	2200	2500	3500	3800	7200	7200	7200
Compressor type		Rotary DCI	Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI
Outline dimensions (WxHxD)	mm	760x590x285	845x700x320	900x860x315	900x860x315	990x965x345	990x965x345	938x1369x392
Package dimensions (WxHxD)	mm	887x645x355	965x755x395	1043x915x395	1043x915x395	1120x1100x435	1120x1100x435	1095x1505x495
Net weight/Gross weight	kg	35.4/37.9	46/50	59/63	59/63	73/83	77/88	102.5/116
Part number 1-230V - 50 Hz		7SP062821	7SP062822	7SP062823	7SP062824	7SP062825	-	-
Part number 3-400V - 50 Hz		-	-	-	-	-	7SP062826	7SP062827
POWER SUPPLY 1-230V - 50 HZ								
Power supply side		Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	-	-
Power cable section	mm²	3x1.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x4.0	-	-
Fuse rating am	A	16	10+16	10+20	10+30	10+30	-	-
Electrical connections	mm²	4x1.0	3x0.5	3x0.5	3x0.5	3x0.5	-	-
POWER SUPPLY 3-400V - 50 HZ								
Power supply side		-	-	-	-	-	Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	-	-	-	-	-	3x1.0+5x2.5	3x1.0+5x2.5
Fuse rating am	A	-	-	-	-	-	10+20	10+25
Electrical connections	mm²	-	-	-	-	-	3x0.5	3x0.5
PIPE LINE								
Suction pipe diameter	inches	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	20	30	50	50	65	65	65
Max height	m	10	20	25	25	30	30	30

AIRWELL SOLUTIONS





CAD [ECODESIGN]

CASSETTE 950x1340 MONOSPLIT
































- q Cassette line available in capacity of 16 kW.
- q Cooling & heating operation mode.
- q DC Inverter and sine wave compressor drive technology.
- q "I Feel" function with precise room temperature control.



RW01

PRODUCT ADVANTAGES

- Operating in ambient temperature, up to -15°C in heating and -15°C in cooling.
- Fresh air (optional).
- Centralized controller up to 16 units including weekly timer (optional).

 DC INVERTER	 SINE WAVE COMPRESSOR DRIVE	 1 W STANDBY POWER	 LOW VOLTAGE STARTUP	 LOW TEMPERATURE STARTUP
 R410A FLUID	 ELECTRONIC EXPANSION VALVE	 AUTO CLEAN/DRY	 FRESH AIR	 I FEEL
 WIDE ANGLE LOUVER	 MOTORIZED 4D AIRFLOW	 SLEEP MODE	 HOT KEEP	 DIGITAL DISPLAY
 TURBO MODE	 TIMER	 SELF DIAGNOSTIC-DIGITAL	 LOW BATTERY INDICATION	 AUTO RESTART (MEMORY)
 REMOTE CONTROL LOCK	 ADVANCED DEFFROST	 AUTO MODE OPERATION	 AUTO FAN	 8°C CONSTANT TEMPERATURE HEATING (CAD 48-60)
 INTEGRATED WATER PUMP	 ALARM OUTPUT	 GROUP CONTROL	 BMS COMPATIBLE	 -15°C LOW AMBIENT HEATING
				 PRESENCE DETECTOR INPUT

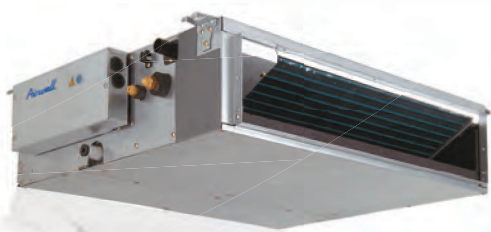
CAD TECHNICAL DATA

Indoor unit		AWSI-CAD060-N11
Outdoor unit		AWAU-YUDA060-H13
COOLING		
Capacity	kW	16.0 (7.4-16.5)
Pdesignc	kW	16.0
Input power	kW	5.70
SEER/Energy label		5.1/A
Operating limits	°C	-15°/48° Dry bulb
HEATING		
Capacity	kW	16.5 (6.2-18.5)
Pdesignh	kW	12.5
Input power	kW	4.60
SCOP/Energy label		3.8/A
Operating limits	°C	-15°/24° Dry bulb
Capacity @ -10°C	kW	12.00
Capacity @ -15°C	kW	10.96
INDOOR UNIT		
Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	41/47/53/54
Sound power level	dB(A)	63
Airflow (LS/MS/HS)	m³/h	1500/1570/1660
Dehumidification	l/h	5
Outline dimensions (WxHxD)	mm	910x910x293
Package dimensions (WxHxD)	mm	1023x993x375
Net weight/Gross weight	kg	43/50
Part number		7SP042219
FRAME		
Outline dimensions (WxHxD)	mm	1040x65x1040
Package dimensions (WxHxD)	mm	1134x125x1134
Net weight/Gross weight	kg	7.5/11.5
Part number frame		7ACVF0556
OUTDOOR UNIT		
Sound pressure level to 1 m	dB(A)	63
Sound power level	dB(A)	73
Airflow	m³/h	7200
Compressor type		Twin Rotary DCI
Outline dimensions (WxHxD)	mm	1085x1365x427
Package dimensions (WxHxD)	mm	1143x1505x478
Net weight/Gross weight	kg	124/136
Part number 3~400V - 50 Hz		7SP062793
POWER SUPPLY 3~400V - 50 HZ		
Power supply side		Indoor & Outdoor
Power cable section	mm²	3x1.5 - 5x4.0
Fuse rating am	A	10 - 25
Electrical connections	mm²	2x0.75
PIPE LINE		
Suction pipe diameter	inches	3/4"
Liquid pipe diameter	inches	3/8"
Max length	m	50
Max height	m	30

AIRWELL SOLUTIONS



• Unique
• solutions

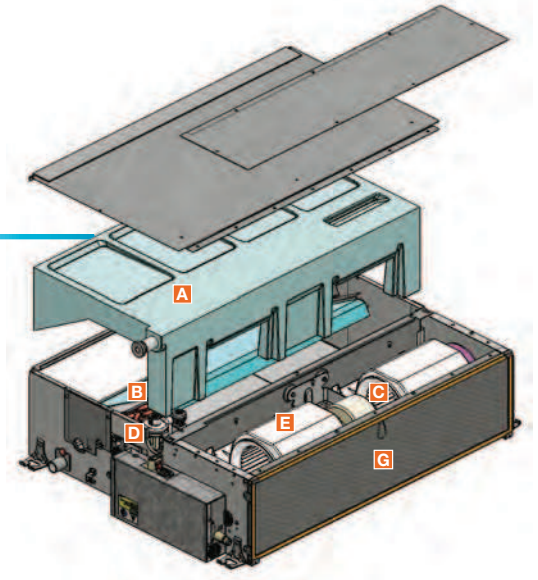


D L F



COMPREHENSIVE STRUCTURE DESIGN

- A** Drain pan
- B** Coil
- C** DC motor
- D** Water pump + water level
- E** Fan
- F** Controller
- G** Air filter



Vertical installation

- q Vertical installation with compact dimensions, only 200 mm dept.
- q The best solution for replacing radiator.
- q The best solution in places that no space for ceiling installation.
- q Create a clean and modern design after installation.

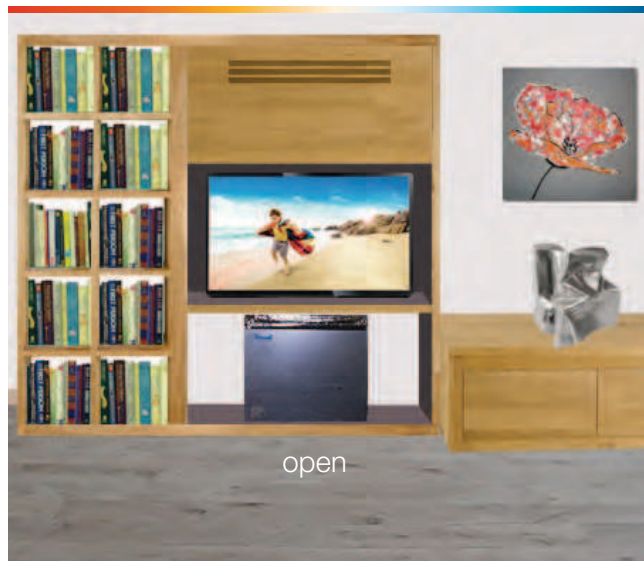
【 BEFORE 】



【 AFTER 】

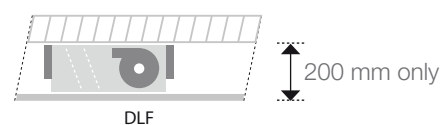
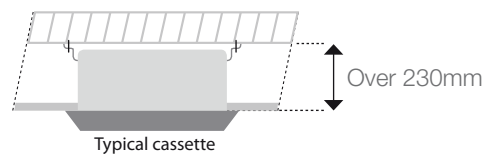


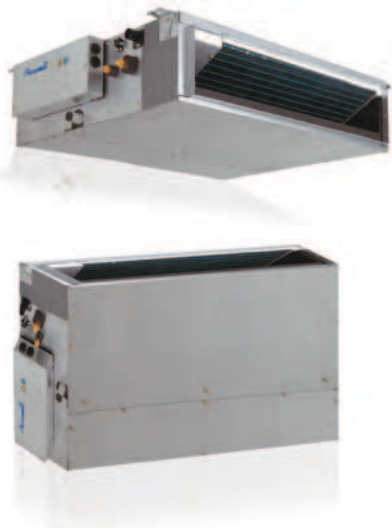
【 COMBINATION MODERN CONSTRUCTION 】



Horizontal installation

- q Space saving by minimizing the requirement of the ceiling height.
- q Ideal solution for hotel and bedroom due the super quiet and extremely compact design.





DLF ECODESIGN



DUCTED LOW STATIC PRESSURE MONO & PREMIUM MULTISPLIT

- q Ducted line available in capacities from 2.5 up to 7 kW.
- q Cooling & heating operation mode.
- q DC Inverter and sine wave compressor drive technology.
- q "I Feel" function with precise room temperature control.

PRODUCT ADVANTAGES

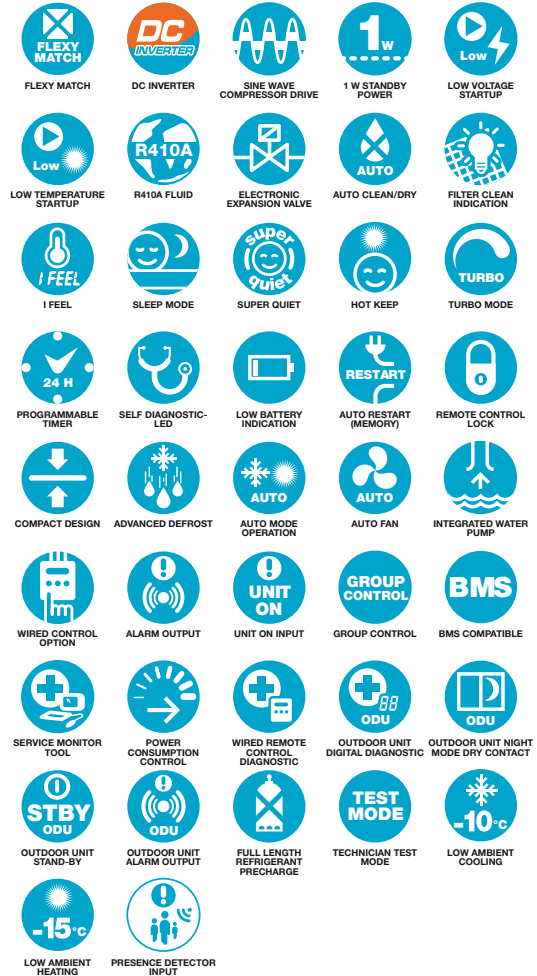
- Unique and advanced design for horizontal or vertical installation.
- Low silhouette only 200 mm.
- Unit is equipped with water pump and overflow switch protector.
- Super quiet line thanks to advance aerodynamic fans and DC motor.
- Heating mode only force option.
- Treatment of corrosion on outdoor units and electronic cards.



RC08W



RCW2 (optional)



ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Additional accessory required	Function												
RCW2	7ACEL1212		Wired group control.		- Control up to 32 Indoor unit as a group or individually. - Option to set up to 15 group zones. - Option to set timer (daily and weekly), mode, fan speed and swing.												
RCL	7ACEL1447		Simple wired remote control.	CBI-B P/N7ACEL1616	Simple functions as: ON/OFF, operating mode, temperature up and down, fan speed selection and room temperature.												
CBI-B	7ACEL1616		Communication interface board Heating model only option.	Kit is including cables.	- RS485, RCW2, RCL remote controls. - 1 dry contact input (selecting by dip switches). - Alarm status output (12V DC). - ON/OFF status output (12V DC) connection												
Duct plenum for DLF 9/12/18	7ACVF0516		Duct plenum for DLF-9/12/18.		Indoor model name												
Duct plenum for DLF 21/24	7ACVF0517		Duct plenum for DLF-21/24.		<table border="1"> <thead> <tr> <th></th> <th>Option 1</th> <th>Option 2</th> </tr> </thead> <tbody> <tr> <td>DLF 9-12</td> <td>2x6"</td> <td>-</td> </tr> <tr> <td>DLF 18</td> <td>3x6"</td> <td>1x6" + 1x6"</td> </tr> <tr> <td>DLF 24</td> <td>4x6"</td> <td>1x6" + 2x8"</td> </tr> </tbody> </table>		Option 1	Option 2	DLF 9-12	2x6"	-	DLF 18	3x6"	1x6" + 1x6"	DLF 24	4x6"	1x6" + 2x8"
	Option 1	Option 2															
DLF 9-12	2x6"	-															
DLF 18	3x6"	1x6" + 1x6"															
DLF 24	4x6"	1x6" + 2x8"															

DLF TECHNICAL DATA

Indoor units		AWSI-DLF009-N11	AWSI-DLF012-N11	AWSI-DLF018-N11	AWSI-DLF024-N11
Outdoor units		AWAU-YBDE009-H11	AWAU-YBDE012-H11	AWAU-YBDE018-H11	AWAU-YBDE024-H11
COOLING					
Capacity	kW	2.5 (1.4-3.6)	3.5 (1.4-4.3)	5.0 (1.5-5.8)	7.0 (1.5-7.5)
Pdesignc	kW	2.5	3.5	5.0	7.0
Input power	kW	0.63	0.95	1.23	1.70
SEER/Energy label		5.7/A+	5.61/A+	5.4/A	5.6/A+
Operating limits	°C	-10°/46° Dry bulb			
HEATING					
Capacity	kW	3.4 (1.5-5.0)	4.3 (1.5-5.8)	5.6 (1.3-6.8)	7.6 (1.5-8.8)
Pdesignh	kW	2.5	3.5	4.8	7.5
Input power	kW	0.87	1.16	1.52	1.78
SCOP/Energy label		4.00/A+	4.00/A+	3.9/A	3.8/A
Operating limits	°C	-15°/24° Dry bulb			
Capacity @ -10°C	kW			5.3	5.4
Capacity @ -15°C	kW			4.7	4.8
INDOOR UNIT					
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	23/26/29	24/27/31	29/32/35	32/35/39
Sound power level (LS/MS/HS)	dB(A)	44/47/50	45/49/53	48/51/54	56/59/63
Airflow (LS/MS/HS)	m³/h	490/560/620	490/580/650	540/600/710	900/950/1150
External static pressure Range	Pa	0-30	0-30	0-40	0-40
Dehumidification	l/h	0.5	1	1.8	2.7
Outline dimensions (WxHxD)	mm	750x630x200	750x630x200	750x630x200	1050x630x200
Package dimensions (WxHxD)	mm	890x710x243	890x710x243	890x710x243	1190x710x243
Net weight/Gross weight	kg	20/23	20/23	21/23	25/28
Part number		7SP022746	7SP022747	7SP022748	7SP022749
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	51	52	53	55
Sound power level	dB(A)	61	62	65	67
Airflow	m³/h	1780	1780	2500	2750
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	795x610x290	795x610x290	900x700x340	900x700x340
Package dimensions (WxHxD)	mm	970x650x394	970x650x394	985x730x435	985x730x435
Net weight/Gross weight	kg	38/42	38.5/42.5	56/58.5	61/63.5
Part number		7SP061819	7SP061820	7SP061886	7SP061887
POWER SUPPLY 1~230V - 50 HZ					
Power supply side		Indoor	Indoor	Indoor & Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x2.5
Fuse rating am	A	16	16	20	20
Electrical connections	mm²	4x1.5	4x1.5	4x1.5	4x1.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Max length	m	20	20	30	30
Max height	m	10	10	15	15

AIRWELL SOLUTIONS

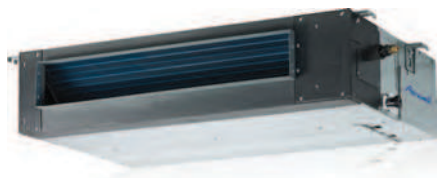


DCD [ECODESIGN]



DUCTED MSP MONOSPLIT MULTISPLIT Q Only size 12

- q Ducted line available in capacities from 3.5 up to 16 kW.
- q Cooling & heating operation mode.
- q DC Inverter and sine wave compressor drive technology.
- q "I Feel" function with precise room temperature control.
- q Available in 3PH from 10 kW.



PRODUCT ADVANTAGES

- Air return option from rear or bottom side.
- Option for parallel operation of two similar indoor units with one outdoor unit (only in 18, 24 & 30 IDU models).
- Build in drain water pump.
- Option to connect to central controller or wireless remote control.
- Twin application:



Capacity combinations	Indoor units	Outdoor units
Twin system	18K + 18K	36K
	24K + 24K	48K
	30K + 30K	60K



RCW8 (STD)



RCW6 (optional)



RC08B (optional)

Tubing & charge instructions	12k	18k	24k	30k	36k	48k
Pipe diameter (liquid-gas) (mm)	6.35-9.52	6.35-12.7	9.52-15.9	9.52-15.9	9.52-15.9	9.52-15.9
Max length (m)	20	30	50	50	65	65
Max. length difference (m)	10	20	25	25	30	30
Tubing length (m)	5	5	5	5	5	5
Additional charge (g/m)	11	11	30	30	30	30

ACCESSORIES/OPTIONS

Acc.	Reference	Photo	Description	Function
Panel for DCD12	7ACVF0559		Air return grill DCD12	
Front board for DCD12	7ACEL1699		Air duct plenum DCD12	
Panel for DCD18/24	7ACVF0561		Air return grill DCD 18/24	
Front board for DCD18/24	7ACEL1701		Air duct plenum DCD 18/24	
Front board for DCD30	7ACEL1702		Air duct plenum DCD30/36/48	
Panel for DCD30	7ACVF0562		Air return grill DCD30	
Panel for DCD36/48	7ACVF0563		Air return grill DCD36/48	
RCW6	7ACEL1704		Wired single control	Mode, Fan speed, Real time, Timer, Temperature, Weekly Timer, Swing and "I Feel".
Central controller for LCAC-M	7ACEL1707		Central controller	Control up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory.
BMS-M	7ACEL1708		BMS gateway	
Branch Gas	7ACFH0476			1st tube branch to collect all suction lines.
Branch Liquid	7ACFH0477			2ed tube branch to collect all liquid lines.

DCD TECHNICAL DATA

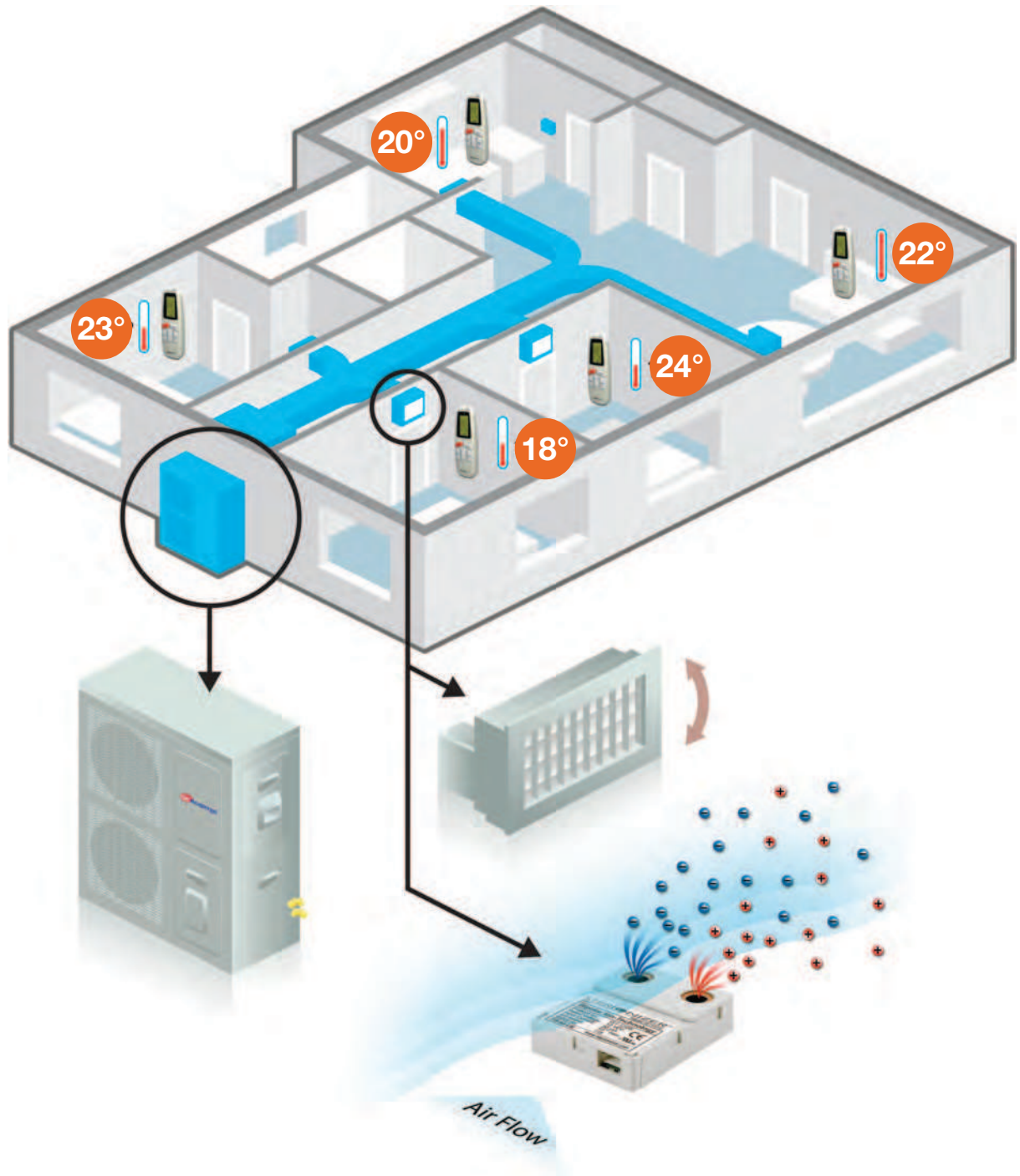
Indoor units		AWSI-DCD012-N11	AWSI-DCD018-N11	AWSI-DCD024-N11	AWSI-DCD030-N11	AWSI-DCD036-N11	AWSI-DCD036-N11	AWSI-DCD048-N11	AWSI-DCD060-N11
Outdoor units 1-230V - 50 Hz		AWAU-YLD012-H11	AWAU-YLD018-H11	AWAU-YLD024-H11	AWAU-YLD030-H11	AWAU-YLD036-H11	-	-	-
Outdoor units 3-400V - 50 Hz		-	-	-	-	-	AWAU-YLD036-H13	AWAU-YLD048-H13	AWAU-YLD060-H13
COOLING									
Rated Capacity	kW	3.5	5.3	7	8.3	10	10.2	14.0	16.0
Pdesignc	kW	3.5	5.3	7	8.3	10	10.2	-	-
Input power	kW	1.09	1.65	2.18	2.76	3.32	3.39	4.36	4.97
SEER/Energy label		5.1/A	6.4/A++	6.6/A++	6.3/A++	5.3/A	5.1/A	3.21/A	3.22/A
Operating limits	°C	-15°/50° Dry bulb							
HEATING									
Rated Capacity	kW	3.8	5.6	7.8	9.2	11.0	11.0	17	19.5
Pdesignh (average climate)	kW	3.4	5.1	7.8	8.5	10.2	10.2	-	-
Input power	kW	1.05	1.47	2.14	2.48	3.05	3.05	4.57	5.39
SCOP/Energy label (average climate)		3.8/A	3.8/A	3.8/A	3.8/A	3.8/A	3.8/A	3.72/A	3.62/A
Operating limits	°C	-15°/24° Dry bulb							
Capacity @ -10°C	kW	3	4.3	6.6	6.9	9	8.5	13.6	15.6
Capacity @ -15°C	kW	2.7	3.6	5.8	5.9	7.9	7.8	11	12.6
INDOOR UNIT									
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	36/39/41	39/43/45	39/43/46	40/44/48	36/39/42	36/39/42	36/39/42	51/54/57
Sound power level	dB(A)	57	58	63	65	62	62	62	67
Airflow (LS/MS/HS)	m³/h	520/610/800	1000/1100/1400	1250/1400/1700	1450/1750/2000	1650/1890/2270	1650/1890/2270	1940/2410/3010	1940/2410/3010
External static pressure Range	Pa	30 (0-40)	30 (0-70)	40 (0-70)	50 (0-80)	50 (0-80)	50 (0-80)	70 (0-100)	70 (0-100)
Dehumidification	l/h	1.5	2.0	2.3	2.5	3.5	3.5	4.5	5.0
Outline dimensions (WxHxD)	mm	700x210x635	920x270x635	920x270x635	1140x270x775	1200x300x865	1200x300x865	1200x300x865	1400x440x858
Package dimensions (WxHxD)	mm	915x290x655	1135x350x655	1135x350x655	1355x350x795	1385x373x920	1385x373x920	1385x373x920	1590x470x895
Net weight/Gross weight	kg	18/22.8	28/31.5	28/31.5	35/42	44/52.5	44/52.5	44/53	75/83
Part number		7SP032158	7SP032159	7SP032142	7SP032143	7SP032144	7SP032144	7SP032145	7SP032146
OUTDOOR UNIT									
Sound pressure level to 1 m	dB(A)	58	60	60	61	63	63	63	64
Sound power level	dB(A)	62	66	69	70	70	70	70	70
Airflow	m³/h	2200	2500	3500	3800	7200	7200	7200	7500
Compressor type		Rotary DCI	Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI
Outline dimensions (WxHxD)	mm	760x590x285	845x700x320	900x860x315	900x860x315	990x965x345	990x965x345	938x1369x392	938x1369x392
Package dimensions (WxHxD)	mm	887x645x355	965x755x395	1043x915x395	1043x915x395	1120x1100x435	1120x1100x435	1095x1505x495	1095x1505x495
Net weight/Gross weight	kg	35.4/37.9	46/50	59/63	59/63	73/83	77/88	102.5/116	102.5/116
Part number 1-230V - 50 Hz		7SP062821	7SP062822	7SP062823	7SP062824	7SP062825	-	-	-
Part number 3-400V - 50 Hz		-	-	-	-	-	7SP062826	7SP062827	7SP062828
POWER SUPPLY 1-230V - 50 HZ									
Power supply side		Outdoor	Ind. & Out.	Ind. & Out.	Ind. & Out.	Ind. & Out.	-	-	-
Power cable section	mm²	3x1.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x4.0	-	-	-
Fuse rating am	A	16	10+16	10+20	10+30	10+30	-	-	-
Electrical connections	mm²	4x1.0	3x0.5	3x0.5	3x0.5	3x0.5	-	-	-
POWER SUPPLY 3-400V - 50 HZ									
Power supply side		-	-	-	-	-	Ind. & Out.	Ind. & Out.	Ind. & Out.
Power cable section	mm²	-	-	-	-	-	3x1.0+5x2.5	3x1.0+5x2.5	3x1.0+5x2.5
Fuse rating am	A	-	-	-	-	-	10+20	10+25	10+25
Electrical connections	mm²	-	-	-	-	-	3x0.5	3x0.5	3x0.5
PIPE LINE									
Suction pipe diameter	inches	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	20	30	50	50	65	65	65	65
Max height	m	10	20	25	25	30	30	30	30

AIRWELL SOLUTIONS



• Unique
• solutions

DLSE Plus VAV



VAV



Product range

- q Flexy Match DLSE ducted 5/7/8/10/12KW.
- q Most advanced ducted unique line with comprehensive horizontal fan design.
- q Two options of VAV dampers rectangular or round type.
- q Motorized damper with DC step motor for accurate damper position.



Energy and cost saving

- q Simple application cost compare to Multi or mini VRF.
- q Two levels of energy saving:
Level A- By the inverter system follow the area load.
Level B- By adjusting the airflow and eliminate load from non used rooms.

Easy installation

- q Simple wiring connection by connectors and set up. ⁽¹⁾
- q Pre charge system with tubing up to 70 m.
- q Standard indoor unit.
- q Option to locate the control box beside the unit.
- q Water pump and over flow switch build in

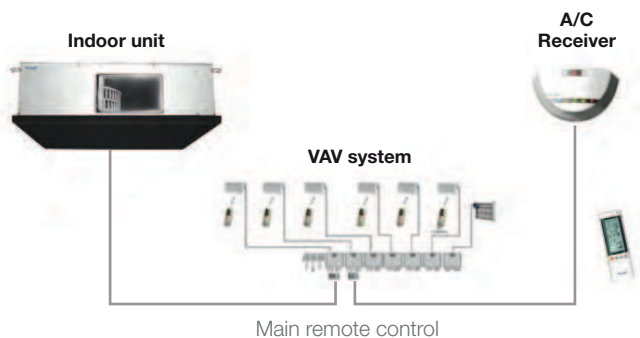


Zone control function

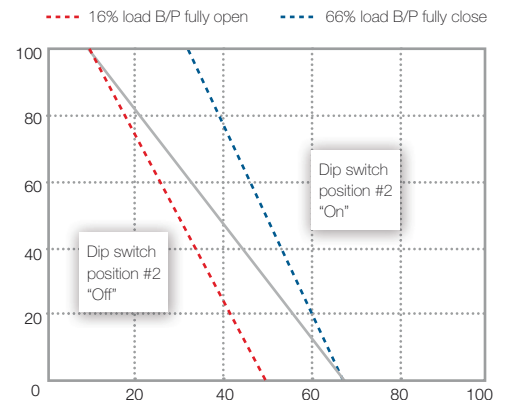
- q Each zone has a stand alone remote control, to control temperature, I Feel and ON/OFF
- q Option to define automatic damper movement or manually to keep max opening position.
- q I Feel function to measure local temperature.
- q Stop the system while all rooms reach the set temperatures and change the motor speed to low load ⁽²⁾
- q By pass damper operate according to system load, the damper position logic has an option to set up a different logic formula.
- q Auto deducting of operating mode cooling or heating for damper control logic

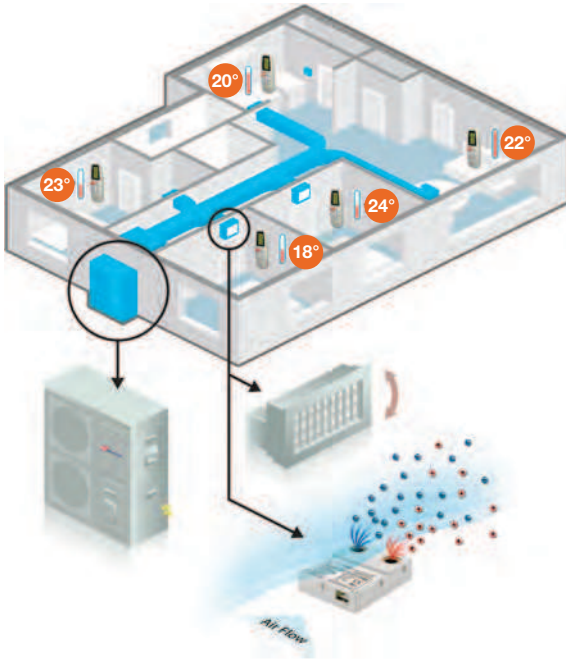


(1) [VERY SIMPLE INSTALLATION]



(2) [BY PASS DAMPER OPERATION]





How to order

- q The indoor and outdoor unit are standards Flexy Match.
- q For each installation need to select first the damper type, round or rectangular.
- q The main controller is identical except the set up that done during the installation.
- q Possibility to mix round and rectangular damper.
- q Once damper type selected order the grills, by pass damper and the controller follow the below tables.

ROUND TYPE ACCESSORIES

Part Description	Product Code
Main Controller VAV Kit	7ACEL1641
Motorized Round Damper (D=150mm) Kit	7ACEL1648
Motorized Round Damper (D=200mm) Kit	7ACEL1649
Motorized Round Damper (D=250mm) Kit	7ACEL1650
Motorized ByPass Round Damper (D=200mm) Kit	7ACEL1651
Motorized ByPass Round Damper (D=250mm) Kit	7ACEL1652

RECTANGULAR TYPE ACCESSORIES

Part Description	Product Code
Main Controller VAV Kit	7ACEL1641
Motorized Grill (30cm x 15cm) Kit	7ACEL1642
Motorized Grill (40cm x 15cm) Kit	7ACEL1643
Motorized Grill (50cm x 15cm) Kit	7ACEL1644
Motorized Bypass damper (40cm x 15cm) Kit	7ACEL1645
Motorized Bypass damper (50cm x 15cm) Kit	7ACEL1646
Duct Frame profile for grille 150mm	7ACVF0551
Duct Frame profile for grille 300mm	7ACVF0552
Duct Frame profile for grille 400mm	7ACVF0553
Duct Frame profile for grille 500mm	7ACVF0554



DLSE [ECODESIGN]

DLSE+VAV

Unique solutions:

- FLEXY MATCH
- ADVANCED CONTROL OPTIONS
- VAV COMPATIBILITY

DUCTED MEDIUM STATIC PRESSURE MONO & PREMIUM MULTISPLIT

- q Ducted line available in capacities from 5 up to 12.5 kW.
- q Cooling & heating operation mode.
- q Wireless remote control included with option of wired control.
- q "I Feel" function with precise room temperature control.

New DC motor with high efficiency.

PRODUCT ADVANTAGES

- Quiet operation by using special aerodynamic centrifugal fan.
- Unit is equipped with water pump and overflow switch protector.
- Space saving due to low unit height and compact dimensions.
- Tubing length up to 50 m and different height of 25 m.
- External static pressure up to 100 Pa.
- Treatment of corrosion on outdoor units and electronic cards.

Features include: FLEXY MATCH, A/A CLASS EFFICIENCY, DC INVERTER, SINE WAVE COMPRESSOR DRIVE, LOW VOLTAGE STARTUP, LOW TEMPERATURE STARTUP, R410A FLUID, VAV COMPATIBILITY, ELECTRONIC EXPANSION VALVE, I FEEL, SLEEP MODE, SUPER QUIET, HOT KEEP, TURBO MODE, PROGRAMMABLE TIMER, TIMER, SELF DIAGNOSTIC-LED, SELF DIAGNOSTIC-DIGITAL, LOW BATTERY INDICATION, AUTO RESTART (MEMORY), REMOTE CONTROL LOCK, COMPACT DESIGN, ADVANCED DEFROST, AUTO MODE OPERATION, AUTO FAN, WIRED CONTROL OPTION, ALARM OUTPUT, PRESENCE DETECTOR INPUT, GROUP CONTROL, BMS COMPATIBLE, SERVICE MONITOR TOOL, POWER CONSUMPTION CONTROL, WIRED REMOTE CONTROL DIAGNOSTIC, OUTDOOR UNIT DIGITAL DIAGNOSTIC, OUTDOOR UNIT NIGHT MODE DRY CONTACT (DLSE 24-30-36), STBY ODU, OUTDOOR UNIT STAND-BY (DLSE 24-30-36), OUTDOOR UNIT ALARM OUTPUT (DLSE 24-30-36), TECHNICIAN TEST MODE, -10°C, -15°C.



ACCESSORIES/OPTIONS

Acc.	Reference	Photo	Description	Additional accessory required	Function
RCW2	7ACEL1212		Wired group control.		- Control up to 32 Indoor unit as a group or individually. - Option to set up to 15 group zones. - Option to set timer (daily and weekly), mode, fan speed and swing.
RCL	7ACEL1447		Simple wired remote control.	CBI-B P/N7ACEL1616	Simple functions as: ON/OFF, operating mode, temperature up and down, fan speed selection and room temperature.
CBI-B	7ACEL1616		Communication interface board Heating model only option.	Kit is including cables.	- RS485, RCW2, RCL remote controls. - 1 dry contact input (selecting by dip switches). - Alarm status output (12V DC). - ON/OFF status output (12V DC).

DLSE TECHNICAL DATA

Indoor units		AWSI-DLSE018-N11	AWSI-DLSE024-N11	AWSI-DLSE030-N11	AWSI-DLSE036-N11		DLSE 43 DCI R410 AW	
		AWAU-YBDE018-H11	AWAU-YBDE024-H11	AWAU-YBDE030-H11	AWAU-YBD036-H11	AWAU-YBD036-H13	AWAU-YBD042-H11	AWAU-YAD042-H13
COOLING								
Rated Capacity	kW	5.0 (2.3-5.9)	6.8 (1.7-7.4)	7.5 (2.8-8.4)	9.5 (4.8-12.5)	9.5 (4.8-12.5)	12.5 (4.5-14.5)	12.5 (4.5-14.5)
Pdesignnc	kW	5.0	6.8	7.5	9.5	9.5	-	-
Input power	kW	1.22	1.93	2.46	3.31	3.04	3.73	3.56
SEER/Energy label		5.8/A+	5.4/A	5.5/A	5.6/A+	4.7/B	3.35/A	3.51/A
Operating limits	°C	-10°/46° Dry bulb						
HEATING								
Rated Capacity	kW	5.6 (1.9-7.5)	7.6 (1.8-8.5)	8.6 (2.8-9.4)	10.5 (2.7-12.5)	11.6 (4.9-12.5)	14.0 (4.5-16.0)	14.0 (4.5-16.0)
Pdesignnh		5.5	7.5	8.6	9.5	10.5	-	-
Input power	kW	1.35	1.88	2.31	2.80	3.00	4.1	3.99
SCOP/Energy label		3.9/A	3.8/A	3.9/A	3.8/A	3.9/A	3.41/B	3.51/B
Operating limits	°C	-15°/24° Dry bulb						
Capacity @ -10°C	kW	5.3	5.8	7.1	6.9	8.9	9.3	9.3
Capacity @ -15°C	kW	4.7	5.2	6.3	6.2	8.0	8.3	8.3
INDOOR UNIT								
Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	35/38/41/43	38/42/45/48	39/43/46/48	41/45/46/48	41/45/46/48	42/46/53	42/46/53
Sound power level (LS/MS/HS/SS)	dB(A)	52/55/58/60	55/59/62/65	56/60/63/65	56/61/63/65	56/61/63/65	57/61/70	57/61/70
Airflow (LS/MS/HS/SS)	m³/h	740/875/1060/1150	870/1090/1220/1410	950/1140/1290/1410	1290/1550/1670/1750	1290/1550/1670/1750	1315/1530/2025	1250/1450/2025
External static pressure Range	Pa	25 (25-60)	25 (25-80)	25 (25-80)	37 (37-100)	37 (37-100)	50 (50-100)	50 (50-100)
Dehumidification	l/h	1.5	2.3	2.7	3.5	4.6	3.3	3.8
Outline dimensions (WxHxD)	mm	790x256x749	790x256x749	790x256x749	854x297x816	854x297x816	854x297x816	854x297x816
Package dimensions (WxHxD)	mm	960x300x855	960x300x855	960x300x855	1005x345x915	1005x345x915	1005x345x915	1005x345x915
Net weight/Gross weight	kg	29/31.5	30/32.5	31/33.5	33/35.5	33/35.5	33/35.5	33/35.5
Part number		7SP032154	7SP032155	7SP032156	7SP032157	7SP032157	7SP032087	7SP032087
OUTDOOR UNIT								
Sound pressure level to 1 m	dB(A)	53	55	56	58	58	58	58
Sound power level	dB(A)	65	67	68	69	69	70	70
Airflow	m³/h	2500	2750	3400	4150	4150	5700	5700
Compressor type		Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Scroll DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	900x700x340	900x700x340	900x860x340	900x970x340	900x970x340	900x1250x340	900x1250x340
Package dimensions (WxHxD)	mm	985x730x435	985x730x435	985x905x435	985x1020x435	985x1020x435	980x1400x420	980x1400x420
Net weight/Gross weight	kg	56/58.5	61/63.5	66/68.5	80/82.8	85/87.8	110/121	110/121
Part number 1-230V - 50 Hz		7SP061886	7SP061887	7SP061888	7SP061811	-	7SP061815	-
Part number 3-400V - 50 Hz		-	-	-	-	7SP061900	-	7SP061757
POWER SUPPLY 1-230V - 50 HZ								
Power supply side		Ind. & Out.	Outdoor	Outdoor	Outdoor	-	Outdoor	-
Power cable section	mm²	3x2.5	3x2.5	3x2.5	3x4.0	-	3x6.0	-
Fuse rating	A	20	20	20	25	-	32	-
Electrical connections	mm²	4x1.5	4x1.5	4x1.5	3x1.5 + 2x0.75	-	3x1.5 + 2x0.75	-
POWER SUPPLY 3-400V - 50 HZ								
Power supply side		-	-	-	-	Outdoor	-	Outdoor
Power cable section	mm²	-	-	-	-	5x2.5	-	5x2.5
Fuse rating am	A	-	-	-	-	3x16	-	3x16
Electrical connections	mm²	-	-	-	-	3x1.5 + 2x0.75	-	3x1.5 + 2x0.75
PIPE LINE								
Suction pipe diameter	inches	1/2"	5/8"	5/8"	5/8"	5/8"	3/4"	3/4"
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	30	30	50	70	70	70	70
Max height	m	15	15	25	30	30	30	30

AIRWELL SOLUTIONS



[ECO DESIGN] Multisplit DCI Range

Combination Table

[MODEL NAME]		KW	BTU/H	Max. Num. of Indoors	Page
YAZE2-18	 	5	18 000	2	70 & 72
YAZE3-24	 	7.1	24 000	3	70 & 73
YAZE4-30	 	8	30 000	4	70 & 74
YAZE5-36	 	10	36 000	5	70 & 75

PREMIUM LINE

[CLASSIC INDOORS UNITS]

**High Wall
HJD**



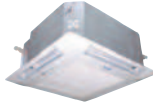
[EC COMPLY]

**Floor Ceiling
SXB**



[EC COMPLY]

**Cassette
CNE**



[EC COMPLY]

**Ducted LSP
DLF**



[EC COMPLY]

**Ducted MSP
DLSE**



[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

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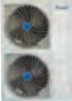
[EC COMPLY]




[EC COMPLY]

- [EC COMPLY] Comply with ECO Design regulation
- [EC COMPLY] Product which is not included in ECO Design regulation
- [*] Not European Comply

[ECO DESIGN] Multisplit DCI Range

Combination Table

[MODEL NAME]		KW	BTU/H	Max. Num. of Indoors	Page	
RESIDENTIAL LINE	YCZ2-18		5.2	18 000	2	76 & 78
	YCZ3-27		7.8	26 500	3	76 & 78
	YCZ4-30		8.2	30 000	4	76 & 79
	YCZ5-36		10.5	36 000	5	76 & 80

[MODEL NAME]		KW	BTU/H	Max. Num. of Indoors	Page	
RESIDENTIAL LINE	YBZE2-18		5	18 000	2	82 & 84
	YBZE3-24		7.1	24 000	3	82 & 84
	YBZE4-30		8	27 000	4	82 & 85

[RESIDENTIAL INDOOR UNITS]

**High Wall
HKD 09/12/18**



**High Wall
HND 09/12/18**



**Console
XAD 12**



**Cassette
CBD 12**



**Ducted MSP
DCD 12**



[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

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[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

[RESIDENTIAL INDOOR UNIT]

**High Wall
HZDE 09/12/18**



[EC COMPLY]

[EC COMPLY]

[EC COMPLY]

- [EC COMPLY] Comply with ECO Design regulation
- [EC COMPLY] Product which is not included in ECO Design regulation
- [*] Not European Comply



YAZE [ECODESIGN]

Unique solutions



PREMIUM MULTISPLIT DUO/TRIO/QUATTRO/CINCO

- q Capacity range available in 4 capacities from 5 up to 9.5 kW.
- q DC Inverter and sine wave compressor drive technology.

COMPATIBLE WITH

HIGH WALL HJD



FLOOR CEILING SXB



CASSETTE CNE



DUCTED LSP DLF



DUCTED MSP DLSE



PRODUCT ADVANTAGES

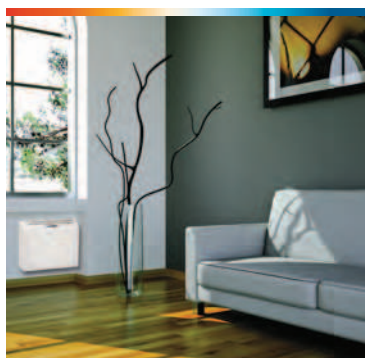
- **Flexy match** with wide range of indoor unit including HJD, SXB, CNE, DLSE, DLF lines.
- Precharge to maximum tubing length up to 80 m.
- Possibility to connect to alarm output, unit ON/OFF, night mode and power consumption level.
- Fuzzy logic for precise capacity balance between indoor unit under operation.
- Same indoor for multi and single application.

FLEXY MATCH	A/A CLASS EFFICIENCY	DC INVERTER	SINE WAVE COMPRESSOR DRIVE	LOW VOLTAGE STARTUP
LOW TEMPERATURE STARTUP	R410A FLUID	ELECTRONIC EXPANSION VALVE	ANTI-DUST AND UV CASING	FILTER CLEAN INDICATION
SUPER QUIET	SELF DIAGNOSTIC-DIGITAL	RESTART (MEMORY)	ADVANCED DEFOST	AUTO FAN
PRESENCE DETECTOR INPUT	BMS COMPATIBLE	SERVICE MONITOR TOOL	POWER CONSUMPTION CONTROL	OUTDOOR UNIT DIGITAL DIAGNOSTIC
OUTDOOR UNIT NIGHT MODE DRY CONTACT	STBY ODU	OUTDOOR UNIT ALARM OUTPUT	FULL LENGTH REFRIGERANT PRECHARGE	TECHNICIAN TEST MODE
-10°C LOW AMBIENT COOLING	-15°C LOW AMBIENT HEATING	AUTO INSTALL TEST		

YAZE TECHNICAL DATA

Outdoor units		AWAU-YAZE218-H11	AWAU-YAZE324-H11	AWAU-YAZE430-H11	AWAU-YAZE536-H11
COOLING					
Rated Capacity	kW	5 (1.2-6.4)	7.35 (1.3-9)	8 (1.4-9.2)	9.5 (2.0-11.0)
Pdesignc	kW	5	7.35	8	9.5
Input power	kW	1.47	2.24	2.38	2.81
SEER/Energy label		5.61/A+	5.61/A+	5.61/A+	4.7/B
Operating limits	°C	-10°/46° Dry bulb			
HEATING					
Rated Capacity	kW	6.0 (1.0-6.8)	9.2 (0.95-11)	9.8 (0.95-11)	11.5 (2.4-12.5)
Pdesignh	kW	5.0	7.5	8.5	11.5
Input power	kW	1.7	2.36	2.71	2.65
SCOP/Energy label		4.00/A+	4.00/A+	4.00/A+	4.5/A+
Operating limits	°C	-15°/24° Dry bulb			
Capacity @ -10°C	kW	3.8	6.82	7.55	8.6
Capacity @ -15°C	kW	3.41	6.2	6.8	7.7
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	53	57	57	58
Sound power level	dB(A)	63	69	69	69
Airflow	m³/h	2160	3600	3600	4150
Compressor type		Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	795x610x290	950x864x413	950x864x413	900x970x340
Package dimensions (WxHxD)	mm	970x655x395	1070x940x510	1070x940x510	985x1020x435
Net weight/Gross weight	kg	39/42	69/75	70/76	85/87.8
Part number		7SP091164	7SP091162	7SP091163	7SP091161
POWER SUPPLY 1~230V - 50 HZ					
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3x2.5	3x2.5	3x2.5	3x2.5
Fuse rating am	A	20	25	25	25
Electrical connections	mm²	2x (4x1.5)	3x (4x1.5)	4x (4x1.5)	5x (4x1.5)
PIPE LINE					
Suction pipe diameter	inches	2x3/8"	2x3/8" + 1x1/2"	3x3/8" + 1x1/2"	3x3/8" + 2x1/2"
Liquid pipe diameter	inches	2x1/4"	3x1/4"	4x1/4"	5x1/4"
Max length	m	30	50	70	80
Max length per circuit	m	25	25	25	25
Max height between indoor and outdoor units	m	10	15	15	15
Max height between indoor units	m	5	15	15	15

AIRWELL SOLUTIONS





YAZE2-18 [ECODESIGN]

Unique solutions



PREMIUM MULTISPLIT DUO

COMPATIBLE WITH

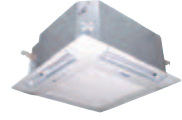
HIGH WALL **HJD**



FLOOR CEILING **SXB**



CASSETTE **CNE**



DUCTED LSP **DLF**



DUCTED MSP **DLSE**



CAPACITY COMBINATION

Mandatory to connect all IDU

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)					Input power (kW)			EER	Capacity (kW)					Input power (kW)			COP				
	A	B	C	D	Totale	Min	Max	Nom.		Min	Max	A	B	C	D	Totale	Min		Max	Nom.	Min	Max
9	2.50				2.50	1.20	3.60	0.70	0.42	1.00	3.57	3.00				3.00	1.00	4.00	0.83	0.38	1.50	3.61
12	3.50				3.50	1.20	4.30	1.00	0.42	1.20	3.50	4.00				4.00	1.00	4.50	1.10	0.38	1.70	3.64
9+9	2.50	2.50			5.00	1.80	6.00	1.47	0.55	2.10	3.40	3.00	3.00			6.00	2.00	6.50	1.66	0.58	1.80	3.61
9+12	2.14	2.86			5.00	1.80	6.30	1.47	0.55	2.13	3.40	2.57	3.43			6.00	2.00	6.65	1.66	0.58	1.89	3.61
12+12	2.50	2.50			5.00	1.80	6.40	1.47	0.55	2.13	3.40	3.00	3.00			6.00	2.00	6.80	1.66	0.58	1.89	3.61

Based on wall mounted combination



YAZE3-24 [ECODESIGN]

Unique solutions



PREMIUM MULTISPLIT TRIO

COMPATIBLE WITH

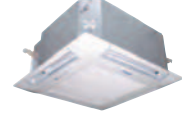
HIGH WALL HJD



FLOOR CEILING SXB



CASSETTE CNE



DUCTED LSP DLF



DUCTED MSP DLSE



CAPACITY COMBINATION

Mandatory to connect all IDU

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)					Input power (kW)					EER	Capacity (kW)					Input power (kW)					COP
	A	B	C	D	Totale	Min	Max	Nom.	Min	Max		A	B	C	D	Totale	Min	Max	Nom.	Min	Max	
9	2.50	-	-	-	2.50	1.30	3.70	0.69	0.50	1.03	3.65	3.40	-	-	-	3.40	0.95	4.00	0.69	0.50	0.90	4.96
12	3.50	-	-	-	3.50	1.30	4.40	0.97	0.50	1.22	3.62	4.30	-	-	-	4.30	0.95	5.20	1.00	0.49	1.32	4.29
18	-	-	-	5.00	5.00	1.49	5.93	1.39	0.57	1.66	3.59	-	-	-	6.20	6.20	1.11	7.50	1.67	0.55	2.13	3.71
9+9	2.60	2.60	-	-	5.19	1.86	6.56	1.53	0.68	1.86	3.39	3.68	3.68	-	-	7.36	1.43	9.10	1.93	0.65	2.64	3.81
9+12	3.49	2.62	-	-	6.11	1.86	7.73	1.82	0.68	2.54	3.35	3.33	4.44	-	-	7.77	1.43	9.50	2.06	0.65	2.71	3.77
9+18	4.98	-	-	2.49	7.47	1.86	9.00	2.25	0.66	3.05	3.32	3.07	-	-	6.13	9.20	1.43	10.10	2.51	0.62	2.74	3.66
12+12	3.53	3.53	-	-	7.06	1.86	9.00	2.12	0.68	2.25	3.33	4.09	4.09	-	-	8.18	1.43	9.80	2.19	0.65	2.71	3.73
12+18	4.48	-	-	2.99	7.47	1.86	9.00	2.25	0.66	3.06	3.32	3.68	-	-	5.52	9.20	1.43	10.50	2.51	0.62	2.87	3.66
9+9+9	2.45	2.45	2.45	-	7.35	2.69	8.98	2.24	0.95	3.05	3.28	3.07	3.07	3.07	-	9.20	2.06	10.99	2.31	0.80	3.01	3.98
9+9+12	2.99	2.25	2.25	-	7.48	2.69	9.00	2.28	0.95	3.16	3.28	2.76	2.76	3.68	-	9.20	2.06	11.00	2.31	0.80	2.97	3.98
9+9+18	3.74	1.87	1.87	-	7.47	2.69	9.00	2.28	0.96	3.10	3.28	2.30	2.30	-	4.60	9.20	2.06	11.00	2.31	0.77	2.83	3.98
9+12+12	2.71	2.71	2.04	-	7.46	2.69	9.00	2.28	0.95	3.10	3.28	3.34	2.51	3.34	-	9.19	2.06	11.00	2.31	0.80	2.94	3.98
9+12+18	3.45	2.30	-	1.72	7.46	2.69	9.00	2.28	0.96	3.06	3.28	2.82	2.12	-	4.24	9.18	2.14	11.00	2.31	0.77	2.75	3.98
12+12+12	2.49	2.49	2.49	-	7.47	2.69	9.00	2.28	0.99	3.09	3.28	3.07	3.07	3.07	-	9.20	2.06	11.00	2.31	0.80	2.85	3.98
12+12+18	3.19	2.13	-	2.13	7.45	2.69	9.00	2.27	0.96	3.09	3.28	2.63	2.63	-	3.94	9.19	2.14	11.00	2.31	0.77	2.70	3.98

Based on wall mounted combination



YAZE4-30 [ECODESIGN]

Unique solutions



PREMIUM MULTISPLIT QUATTRO

COMPATIBLE WITH

HIGH WALL HJD



FLOOR CEILING SXB



CASSETTE CNE



DUCTED LSP DLF



DUCTED MSP DLSE



CAPACITY COMBINATION

Mandatory to connect all IDU

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)					Input power (kW)			EER	Capacity (kW)					Input power (kW)			COP				
	A	B	C	D	Totale	Min	Max	Nom.		Min	Max	A	B	C	D	Totale	Min		Max	Nom.	Min	Max
9	2.50	-	-	-	2.50	1.40	3.70	0.69	0.50	1.03	3.65	3.40	-	-	-	3.40	0.95	4.00	0.69	0.40	0.86	4.96
12	3.50	-	-	-	3.50	1.40	4.40	0.97	0.50	1.22	3.62	4.30	-	-	-	4.30	0.95	5.20	0.95	0.39	1.21	4.54
18	-	-	-	5.00	5.00	1.60	5.60	1.39	0.57	1.56	3.59	-	-	-	6.20	6.20	1.11	7.50	1.50	0.46	1.88	4.14
9+9	2.54	2.54	-	-	5.08	2.00	6.20	1.45	0.69	1.74	3.49	3.75	3.75	-	-	7.51	1.43	8.63	1.77	0.54	2.17	4.25
9+12	3.42	2.56	-	-	5.98	2.00	7.30	1.72	0.69	2.39	3.47	4.53	3.40	-	-	7.92	1.43	9.01	1.90	0.54	2.24	4.17
9+18	5.08	-	-	2.54	7.61	2.00	8.50	2.21	0.67	2.86	3.45	6.26	-	-	3.13	9.38	1.43	9.58	2.34	0.52	2.26	4.02
12+12	3.45	3.45	-	-	6.90	2.10	8.80	2.00	0.69	2.92	3.46	4.17	4.17	-	-	8.34	1.43	9.29	1.99	0.54	2.24	4.20
12+18	4.72	-	-	3.15	7.87	2.10	8.80	2.29	0.67	2.88	3.44	5.88	-	-	3.92	9.80	1.43	9.96	2.40	0.52	2.37	4.09
9+9+9	2.40	2.40	2.40	-	7.19	2.90	9.00	2.11	0.92	2.94	3.40	3.13	3.13	3.13	-	9.38	2.06	11.00	2.23	0.67	2.62	4.22
9+9+12	3.15	2.36	2.36	-	7.87	2.90	9.00	2.45	0.92	2.90	3.22	3.92	2.94	2.94	-	9.80	2.06	11.00	2.31	0.67	2.89	4.25
9+9+18	4.01	2.00	-	2.00	8.01	2.90	9.00	2.47	0.93	2.85	3.25	4.90	2.45	-	2.45	9.80	2.06	11.00	2.14	0.65	2.88	4.57
9+12+12	2.90	2.90	2.17	-	7.97	2.90	9.00	2.45	0.92	2.85	3.26	3.56	3.56	2.67	-	9.78	2.06	11.00	2.25	0.67	2.87	4.35
9+12+18	3.74	2.50	-	1.87	8.11	2.90	9.00	2.48	0.93	2.82	3.28	4.51	3.01	-	2.26	9.78	2.14	11.00	2.08	0.65	2.73	4.70
12+12+12	2.69	2.69	2.69	-	8.07	2.90	9.00	2.37	0.96	2.84	3.40	3.26	3.26	3.26	-	9.79	2.06	11.00	2.23	0.67	2.86	4.40
12+12+18	3.47	2.31	-	2.31	8.10	2.90	9.00	2.37	0.93	2.80	3.42	4.19	2.79	-	2.79	9.78	2.14	11.00	2.06	0.65	2.67	4.74
9+9+9+9	2.00	2.00	2.00	2.00	8.00	3.70	9.17	2.38	0.98	2.94	3.36	2.45	2.45	2.45	2.45	9.80	2.69	10.97	2.36	0.56	2.94	4.15
9+9+9+12	2.49	1.87	1.87	1.87	8.10	3.70	9.20	2.41	0.98	2.92	3.36	3.01	2.25	2.25	2.25	9.77	2.69	11.00	2.34	0.56	2.90	4.18
9+9+9+18	3.25	1.62	1.62	1.62	8.12	3.70	9.20	2.34	0.96	2.88	3.48	3.92	1.96	1.96	1.96	9.80	2.77	11.00	2.27	0.55	2.78	4.31
9+9+12+12	2.32	2.32	1.74	1.74	8.11	3.70	9.20	2.40	0.98	2.88	3.38	2.80	2.80	2.10	2.10	9.79	2.69	11.00	2.29	0.56	2.86	4.28
9+9+12+18	3.05	2.03	1.52	1.52	8.12	3.70	9.20	2.30	0.96	2.85	3.53	3.67	2.45	1.84	1.84	9.79	2.77	11.00	2.18	0.55	2.76	4.50
9+12+12+12	2.16	2.16	2.16	1.62	8.11	3.70	9.20	2.39	0.98	2.87	3.39	2.61	2.61	2.61	1.96	9.78	2.69	11.00	2.25	0.56	2.82	4.35
9+12+12+18	2.87	1.91	1.91	1.43	8.12	3.70	9.20	2.30	0.96	2.89	3.53	3.45	2.30	2.30	1.73	9.78	2.77	11.00	2.18	0.55	2.90	4.49
12+12+12+12	2.03	2.03	2.03	2.03	8.12	3.70	9.20	2.38	0.98	2.84	3.41	2.45	2.45	2.45	2.45	9.80	2.69	11.00	2.36	0.55	2.80	4.15

Based on wall mounted combination

Unique solutions



YAZE5-36 [ECODESIGN]

PREMIUM MULTISPLIT CINCO



COMPATIBLE WITH

HIGH WALL HJD



FLOOR CEILING SXB



CASSETTE CNE



DUCTED LSP DLF



DUCTED MSP DLSE



CAPACITY COMBINATION

Mandatory to connect all IDU

Indoor units combinations	COOLING												HEATING											
	Capacity (kW)					Input power (kW)			EER	Capacity (kW)					Input power (kW)			COP						
	A	B	C	D	E	Min	Max	Nom.		Min	Max	Nom.	A	B	C	D	E		Min	Max	Nom.	Min	Max	
9	2.5	-	-	-	-	2.5	1.50	3.5	0.76	0.40	1.01	3.29	3.4	-	-	-	-	3.4	0.95	5.2	0.69	0.40	0.86	4.96
12	3.5	-	-	-	-	3.5	1.50	4.2	1.03	0.40	1.29	3.40	4.3	-	-	-	-	4.3	1.11	7.5	0.95	0.39	1.21	4.54
18	-	-	-	5.0	-	5.0	2.20	6.0	1.44	0.42	1.63	3.47	-	-	-	6.2	-	6.2	1.50	8.0	1.50	0.46	1.87	4.14
24	7.0	-	-	-	-	7.0	2.50	8.0	2.58	0.41	2.71	2.71	-	-	-	8.0	-	8.0	2.00	9.2	2.42	0.41	2.71	3.31
9+9	2.6	2.6	-	-	-	5.1	2.1	6.6	1.36	0.58	1.95	3.76	3.0	3.0	-	-	-	6.0	2.1	7.6	1.36	0.58	1.95	4.40
9+12	2.6	3.5	-	-	-	6.1	2.2	7.0	2.01	0.54	2.54	3.05	3.1	4.1	-	-	-	7.2	2.2	8.0	2.01	0.54	2.54	3.58
9+18	2.6	-	-	5.1	-	7.7	2.4	7.9	2.58	0.56	3.20	2.97	3.0	-	-	6.0	-	9.0	2.4	8.9	2.58	0.56	3.20	3.48
9+24	2.2	5.9	-	-	-	8.1	2.6	8.8	2.81	0.56	3.32	2.88	2.6	-	-	6.9	-	9.5	2.6	9.8	2.81	0.56	3.32	3.37
12+12	3.6	3.6	-	-	-	7.2	2.3	7.5	2.40	0.54	2.55	2.98	4.2	4.2	-	-	-	8.4	2.3	8.5	2.40	0.54	2.55	3.49
12+18	3.2	-	-	4.8	-	8.0	2.5	8.4	2.76	0.56	3.22	2.89	3.7	-	-	5.6	-	9.3	2.5	9.4	2.76	0.56	3.22	3.38
12+24	2.7	-	-	5.5	-	8.2	2.6	9.2	2.78	0.56	3.18	2.94	3.2	-	-	6.4	-	9.6	2.6	10.2	2.78	0.56	3.18	3.45
18+18	4.5	-	-	4.5	-	9.0	2.6	11.0	3.00	0.59	3.16	3.00	-	-	-	5.3	5.3	10.5	2.6	11.5	2.94	0.59	3.16	3.58
18+24	4.0	-	-	5.3	-	9.3	2.8	11.0	3.17	0.55	3.20	2.92	-	-	-	4.6	6.1	10.7	2.8	11.0	3.02	0.55	3.20	3.53
24+24	4.8	-	-	4.8	-	9.5	3.0	11.0	3.33	0.55	3.40	2.85	-	-	-	5.4	5.4	10.8	3.0	12.0	3.09	0.55	3.40	3.49
9+9+9	2.5	2.5	2.5	-	-	7.5	2.7	8.9	2.25	0.69	3.01	3.18	3.3	3.3	3.3	-	-	10.0	2.7	11.0	2.25	0.69	3.01	4.10
9+9+12	2.4	2.4	3.1	-	-	7.8	2.8	9.1	2.41	0.69	2.97	3.25	3.0	3.0	4.1	-	-	10.1	2.8	11.1	2.42	0.69	2.97	4.18
9+9+18	2.1	2.1	-	4.3	-	8.5	3.0	9.5	2.51	0.70	2.92	3.38	2.6	2.6	-	5.2	-	10.4	3.0	11.4	2.39	0.70	2.92	4.35
9+9+24	2.0	2.0	-	5.2	-	9.2	3.2	9.9	2.71	0.68	3.05	3.38	2.2	2.2	-	5.9	-	10.4	3.2	11.6	2.39	0.68	3.05	4.35
9+12+12	2.2	3.0	3.0	-	-	8.2	2.9	9.3	2.46	0.69	2.92	3.31	2.8	3.7	3.7	-	-	10.3	2.9	11.3	2.41	0.69	2.92	4.27
9+12+18	2.0	2.7	-	4.1	-	8.8	3.1	9.7	2.61	0.70	2.89	3.38	2.4	3.2	-	4.8	-	10.4	3.1	11.5	2.39	0.70	2.89	4.35
9+12+24	1.9	2.5	-	5.1	-	9.5	3.3	10.1	2.81	0.68	3.02	3.38	2.1	2.8	-	5.5	-	10.4	3.3	11.8	2.39	0.68	3.02	4.35
9+18+18	1.9	-	-	3.8	3.8	9.5	3.3	10.1	2.81	0.66	3.02	3.38	2.1	-	-	4.2	4.2	10.4	3.3	11.8	2.39	0.66	3.02	4.35
9+18+24	1.7	-	-	3.4	4.5	9.5	3.5	10.5	2.81	0.66	3.05	3.38	1.8	-	-	3.7	4.9	10.4	3.5	12.0	2.39	0.66	3.05	4.35
12+12+12	2.8	2.8	2.8	-	-	8.5	3.0	9.5	2.51	0.72	2.91	3.38	3.5	3.5	3.5	-	-	10.4	3.0	11.4	2.39	0.72	2.91	4.35
12+12+18	2.6	2.6	-	3.9	-	9.2	3.2	9.9	2.71	0.70	3.00	3.38	3.0	3.0	-	4.6	-	10.7	3.2	11.6	2.45	0.70	3.00	4.35
12+12+24	2.4	2.4	-	4.8	-	9.5	3.4	10.3	2.81	0.68	3.05	3.38	2.7	2.7	-	5.5	-	10.9	3.4	11.9	2.51	0.68	3.05	4.35
12+18+18	2.4	-	-	3.6	3.6	9.5	3.4	10.3	2.81	0.68	3.02	3.38	2.7	-	-	4.1	4.1	10.9	3.4	11.9	2.51	0.68	3.02	4.35
9+9+9+9	2.2	2.2	2.2	2.2	-	8.8	3.4	9.8	2.33	0.81	2.67	3.77	2.5	2.5	2.5	2.5	-	10.0	3.4	10.0	2.08	0.81	2.67	4.80
9+9+9+12	2.1	2.1	2.1	2.8	-	9.1	3.6	10.1	2.22	0.81	2.65	3.83	2.4	2.4	2.4	3.2	-	10.3	3.6	10.4	2.15	0.81	2.65	4.00
9+9+9+18	1.9	1.9	1.9	3.9	-	9.7	3.9	10.7	2.30	0.79	2.71	3.94	2.2	2.2	2.2	-	4.3	10.8	3.9	11.1	2.36	0.79	2.71	4.00
9+9+9+24	1.8	1.8	1.8	4.7	-	10.0	4.2	11.0	2.43	0.77	2.89	4.00	1.9	1.9	1.9	-	5.2	11.0	4.2	11.5	2.35	0.77	2.89	3.80
9+9+12+12	2.0	2.0	2.7	2.7	-	9.4	3.7	10.4	2.23	0.81	2.71	3.89	2.3	2.3	3.0	3.0	-	10.5	3.7	10.8	2.55	0.81	2.71	4.00
9+9+12+18	1.9	1.9	2.5	3.8	-	10.0	4.0	11.0	2.42	0.79	2.75	4.00	2.1	2.1	2.8	-	4.1	11.0	4.0	11.5	2.33	0.79	2.75	4.00
9+9+18+18	1.7	1.7	-	3.3	3.3	10.0	4.3	11.0	2.41	0.77	2.89	4.00	1.8	1.8	-	3.7	3.7	11.0	4.3	11.5	2.25	0.77	2.89	3.60
9+12+12+12	1.9	2.6	2.6	2.6	-	9.7	3.9	10.7	2.30	0.81	2.61	3.94	2.2	2.9	2.9	2.9	-	10.8	3.9	11.1	2.52	0.81	2.61	4.00
9+12+12+18	1.8	2.4	2.4	3.5	-	10.0	4.2	11.0	2.43	0.79	2.89	4.00	1.9	2.6	2.6	3.9	-	11.0	4.2	11.5	2.29	0.79	2.89	3.80
12+12+12+12	2.5	2.5	2.5	2.5	-	10.0	4.0	11.0	2.50	0.81	2.92	4.00	2.8	2.8	2.8	2.8	-	11.0	4.0	11.5	2.50	0.81	2.92	4.00
9+9+9+9+9	2.0	2.0	2.0	2.0	2.0	10.0	4.3	11.0	2.94	0.78	3.50	3.70	2.4	2.4	2.4	2.4	2.4	12.0	4.3	12.5	2.94	0.78	3.50	4.50
9+9+9+9+12	1.9	1.9	1.9	1.9	2.6	10.3	4.4	11.0	2.94	0.78	3.50	3.60	2.3	2.3	2.3	2.3	3.0	12.0	4.4	12.5	2.94	0.78	3.50	4.30
9+9+9+9+18	1.8	1.8	1.8	1.8	3.5	10.5	4.6	11.0	2.92	0.79	3.49	3.40	2.0	2.0	2.0	2.0	4.0	12.0	4.6	12.5	2.92	0.79	3.49	4.20
9+9+9+12+12	1.9	1.9	1.9	2.5	2.5	10.5	4.50	11.0	2.94	0.78	3.50	3.50	2.1	2.1	2.1	2.8	2.8	12.0	4.50	12.5	2.94	0.78	3.50	4.30



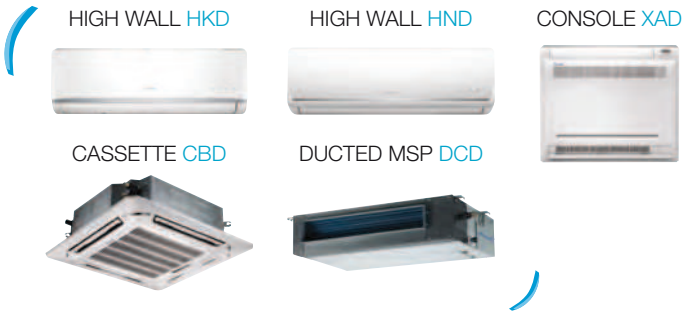
YCZ [ECODESIGN]

HIGH WALL RESIDENTIAL MULTISPLIT DUO/TRIO/QUATTRO/CINCO



- q Multi line available in four capacities from 5.2 up to 10.5 kW.
- q DC inverter and sine wave compressor drive technology.
- q Match with high wall, ducted, cassette and console indoor units.

COMPATIBLE WITH



PRODUCT ADVANTAGES

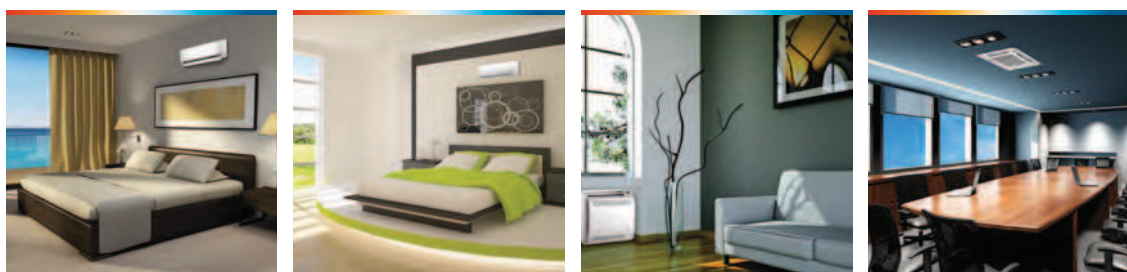
- Same indoor for multi and single application.
- Option to connect limited indoor units (total capacity >100% of rated capacity) and extend after installation.
- Design for long tubing distance installation.

1 W STANDBY POWER	R410A FLUID	ELECTRONIC EXPANSION VALVE	AUTO CLEAN/DRY	I FEEL
SLEEP MODE	HOT KEEP	DIGITAL DISPLAY	TURBO MODE	PROGRAMMABLE 24 H TIMER
TIMER	SELF DIAGNOSTIC-LED	SELF DIAGNOSTIC-DIGITAL	LOW BATTERY INDICATION	RESTART (MEMORY)
REMOTE CONTROL LOCK	AUTO MODE OPERATION	AUTO FAN	8°C CONSTANT TEMPERATURE HEATING	INDOOR MULTI FAN SPEED
OUTDOOR MULTI FAN SPEED	-15°C LOW AMBIENT COOLING	-15°C LOW AMBIENT HEATING	WIRED CONTROL OPTION	UNIT ON INPUT

YCZ TECHNICAL DATA

Indoor units			AWSI-HND009-N11 x 2	AWSI-HND009-N11 x 3	AWSI-HND009-N11 x 4	AWSI-HND009-N11 x 5
Outdoor units			AWAU-YCZ218-H11	AWAU-YCZ327-H11	AWAU-YCZ430-H11	AWAU-YCZ536-H11
OUTDOOR UNIT						
Cooling	Rated Capacity	kW	5.2	7.8	8.5	10.5
	Pdesignc	kW	5.2	7.8	8.5	10.5
	Input power	kW	1.62	2.43	2.65	3.27
	SEER/Energy label		6.1/A++	6.6/A++	6.6/A++	5.6/A+
	Operating limits	°C	-15°/50° Dry bulb			
Heating	Rated Capacity	kW	6.0	8.5	9.0	11.5
	Pdesignh (average climate)	kW	5.9	8.0	8.2	10.5
	Input power	kW	1.66	2.31	2.36	3.18
	SCOP/Energy label (average climate)		4.1/A+	3.9/A	3.9/A	3.8/A
	Operating limits	°C	-15°/24° Dry bulb			
	Capacity @ -10C	kW	4.5	6.5	6.6	8.4
	Capacity @ -15C	kW	4	5.7	5.8	7.2
Indoor units						
			AWSI-HKD009-N11 x 2	AWSI-HKD009-N11 x 3	AWSI-HKD009-N11 x 4	AWSI-HKD009-N11 x 5
Outdoor units			AWAU-YCZ218-H11	AWAU-YCZ327-H11	AWAU-YCZ430-H11	AWAU-YCZ536-H11
OUTDOOR UNIT						
Cooling	Rated Capacity	kW	5.2	7.8	8.5	10.5
	Pdesignc	kW	5.2	7.8	8.5	10.5
	Input power	kW	1.62	2.43	2.65	3.27
	SEER/Energy label		5.6/A+	6.1/A++	5.8/A+	5.1/A
	Operating limits	°C	-15°/50° Dry bulb			
Heating	Rated Capacity	kW	6.0	8.5	9.0	11.5
	Pdesignh (average climate)	kW	5.6	8.0	8.2	10.5
	Input power	kW	1.66	2.31	2.36	3.18
	SCOP/Energy label (average climate)		3.8/A	3.8/A	3.8/A	3.8/A
	Operating limits	°C	-15°/24° Dry bulb			
	Capacity @ -10C	kW	4.5	6.5	6.6	8.4
	Capacity @ -15C	kW	4	5.7	5.8	7.2
OUTDOOR UNIT						
Sound pressure level to 1 m	dB(A)		60	61	62	64
Sound power level	dB(A)		65	68	70	70
Airflow	m³/h		2500	3500	3800	5500
Compressor type			Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm		845x700x320	900x860x315	900x860x315	990x965x345
Package dimensions (WxHxD)	mm		965x755x395	1043x915x395	1043x915x395	1120x1100x435
Net weight/Gross weight	kg		48/52	62/67	65/69	80/91
Part number			7SP091166	7SP091167	7SP091168	7SP091169
POWER SUPPLY 1~230V - 50 HZ						
Power supply side			Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²		3x2.5	3x2.5	3x2.5	3x4.0
Fuse rating am	A		25	25	25	32
Electrical connections	mm²		2 (4x1.0)	3 (4x1.0)	4 (4x1.0)	5 (4x1.0)
PIPE LINE						
Suction pipe diameter	inches		2x3/8"	3x3/8"	4x3/8"	5x3/8"
Liquid pipe diameter	inches		2x1/4"	3x1/4"	4x1/4"	5x1/4"
Max length	m		30	45	60	75
Max length per circuit	m		20	25	30	30
Max height between indoor and outdoor units	OU higher than IU	m	10	10	10	10
	OU lower than IU	m	15	15	15	15
Max height between indoor units	m		10	10	10	10

AIRWELL SOLUTIONS





YCZ2-18 [ECODESIGN]

RESIDENTIAL MULTISPLIT DUO

COMPATIBLE WITH



CAPACITY COMBINATION

Indoor units combinations	COOLING										HEATING							
	Rated capacity (kW)		Total capacity (kW)			Total Input power (kW)			EER	Rated capacity (kW)		Total capacity (kW)			Total Input power (kW)			COP
	Unit A	Unit B	min.	rated	max.	min.	rated	max.	rated capacity	Unit A	Unit B	min.	rated	max.	min.	rated	max.	rated capacity
9+9	2.60	2.60	3.64	5.20	6.20	0.84	1.62	2.09	3.21	3.00	3.00	4.20	6.00	6.50	0.77	1.66	1.81	3.62
9+12	2.50	3.20	3.99	5.70	6.20	0.97	1.76	2.09	3.23	2.70	3.50	4.34	6.20	6.50	0.93	1.71	1.81	3.62
9+18	2.00	4.30	4.41	6.30	6.70	1.12	1.96	2.15	3.21	2.00	4.40	4.48	6.40	6.80	0.99	1.77	1.89	3.61
12+12	3.10	3.10	4.34	6.20	6.70	1.10	1.93	2.15	3.21	3.20	3.20	4.48	6.40	6.80	0.99	1.77	1.89	3.61

Based on wall mounted combination



YCZ3-24 [ECODESIGN]

RESIDENTIAL MULTISPLIT TRIO

COMPATIBLE WITH



CAPACITY COMBINATION

Indoor units combinations	COOLING										HEATING									
	Rated capacity (kW)			Total capacity (kW)			Total Input power (kW)			EER	Rated capacity (kW)			Total capacity (kW)			Total Input power (kW)			COP
	Unit A	Unit B	Unit C	min.	rated	max.	min.	rated	max.	rated capacity	Unit A	Unit B	Unit C	min.	rated	max.	min.	rated	max.	rated capacity
9+18	2.60	5.20	-	5.46	7.80	9.44	1.45	2.42	3.05	3.22	2.88	5.87	-	5.94	8.75	10.59	1.45	2.41	3.04	3.63
12+18	3.20	4.80	-	5.95	8.00	9.68	1.49	2.48	3.12	3.23	3.45	3.45	-	6.09	6.90	8.35	1.15	1.91	2.41	3.61
18+18	4.60	4.60	-	6.44	9.20	10.86	1.71	2.85	3.53	3.23	3.39	5.61	-	7.00	9.00	10.62	1.49	2.49	3.08	3.62
9+9+9	2.60	2.60	2.60	5.46	7.80	8.81	1.41	2.43	3.01	3.21	2.83	2.83	2.83	5.94	8.49	9.59	1.51	2.31	2.86	3.68
9+9+12	2.50	2.50	3.50	5.95	8.50	9.61	1.60	2.62	3.24	3.25	2.60	2.60	3.50	6.09	8.70	9.83	1.53	2.37	2.94	3.67
9+9+18	2.30	2.30	4.60	6.44	9.20	10.40	1.73	2.84	3.46	3.24	2.50	2.50	5.00	7.00	10.00	11.30	1.79	2.75	3.35	3.64
9+12+12	2.50	3.50	3.50	6.65	9.50	10.74	1.90	2.94	3.59	3.23	2.50	3.50	3.50	6.65	9.50	10.74	1.71	2.61	3.18	3.64
9+12+18	2.10	3.20	4.50	6.86	9.80	11.07	1.96	3.04	3.71	3.22	2.30	3.20	5.00	7.35	10.50	11.87	1.88	2.90	3.54	3.62
12+12+12	2.90	2.90	2.90	6.09	8.70	9.83	1.63	2.70	3.30	3.22	3.30	3.30	3.30	6.93	9.90	11.19	1.78	2.72	3.32	3.64

Based on wall mounted combination



YCZ4-30 [ECODESIGN]

RESIDENTIAL MULTISPLIT QUATTRO

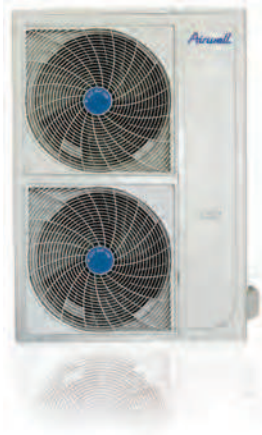
COMPATIBLE WITH



CAPACITY COMBINATION

Indoor units combinations	COOLING											HEATING										
	Rated capacity (kW)				Total capacity (kW)			Total Input power (kW)			EER	Rated capacity (kW)				Total capacity (kW)			Total Input power (kW)			COP
	Unit A	Unit B	Unit C	Unit D	min.	rated	max.	min.	rated	max.	rated capacity	Unit A	Unit B	Unit C	Unit D	min.	rated	max.	min.	rated	max.	rated capacity
9+18	2.59	5.29	-	-	3.31	7.88	9.61	1.02	2.56	3.45	3.08	2.77	5.65	-	-	3.54	8.42	10.27	0.93	2.32	3.11	3.63
12+18	3.06	5.06	-	-	3.41	8.12	9.91	1.04	2.60	3.51	3.12	3.15	5.21	-	-	3.51	8.36	10.20	0.92	2.29	3.07	3.65
18+18	4.51	4.51	-	-	3.79	9.02	11.00	1.16	2.89	3.90	3.12	4.41	4.41	-	-	3.70	8.82	10.76	0.97	2.44	3.26	3.62
9+9+9	2.63	2.63	2.63	-	3.31	7.88	9.61	1.00	2.50	3.38	3.15	2.84	2.84	2.84	-	3.58	8.52	10.39	0.91	2.28	3.06	3.73
9+9+12	2.51	2.51	3.09	-	3.41	8.12	9.91	1.03	2.57	3.47	3.16	2.74	2.74	3.38	-	3.72	8.86	10.81	0.94	2.36	3.16	3.76
9+9+18	2.23	2.23	4.55	-	3.79	9.02	11.00	1.12	2.81	3.79	3.21	2.46	2.46	5.01	-	4.17	9.92	12.10	1.07	2.67	3.58	3.71
9+12+12	2.50	3.08	3.08	-	3.63	8.65	10.55	1.07	2.69	3.63	3.22	2.71	3.34	3.34	-	3.94	9.38	11.44	1.00	2.50	3.35	3.75
9+12+18	2.13	2.62	4.34	-	3.82	9.09	11.09	1.13	2.82	3.81	3.22	2.36	2.91	4.81	-	4.23	10.08	12.30	1.08	2.71	3.63	3.72
12+12+12	2.95	2.95	2.95	-	3.72	8.85	10.80	1.10	2.76	3.72	3.21	3.25	3.25	3.25	-	4.10	9.76	11.91	1.03	2.58	3.46	3.78
9+9+9+9	2.13	2.13	2.13	2.13	3.49	8.52	10.39	1.06	2.65	3.57	3.22	2.25	2.25	2.25	2.25	3.69	9.00	10.98	0.94	2.36	3.17	3.81
9+9+9+12	2.11	2.11	2.11	2.60	3.67	8.94	10.91	1.10	2.75	3.71	3.25	2.25	2.25	2.78	3.91	9.54	11.64	1.01	2.52	3.38	3.78	

Based on wall mounted combination



YCZ5-36 [ECODESIGN]

RESIDENTIAL MULTISPLIT CINCO

COMPATIBLE WITH

HIGH WALL HKD

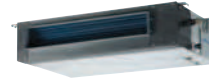
HIGH WALL HND

CONSOLE XAD



CASSETTE CBD

DUCTED MSP DCD



CAPACITY COMBINATION

Indoor units combinations	COOLING											HEATING												
	Rated capacity (kW)					Total cooling capacity (kW)			Total Input power (kW)			EER	Rated capacity (kW)					Total heating capacity (kW)			Total Input power (kW)			COP
	Unit A	Unit B	Unit C	Unit D	Unit E	min.	rated	max.	min.	rated	max.	rated capacity	Unit A	Unit B	Unit C	Unit D	Unit E	min.	rated	max.	min.	rated	max.	rated capacity
18+18	5.26	5.26	-	-	-	4.31	10.52	12.73	1.47	3.42	4.30	3.08	5.55	5.55	-	-	-	4.66	11.10	13.65	1.35	3.32	4.23	3.34
9+9+18	2.82	3.47	3.47	-	-	4.00	9.75	11.80	1.35	3.17	3.96	3.08	2.75	2.75	5.60	-	-	4.66	11.10	13.65	1.35	3.32	4.23	3.34
9+12+12	2.00	3.20	5.30	-	-	4.31	10.50	12.71	1.45	3.41	4.25	3.08	3.13	3.86	3.86	-	-	4.56	10.85	13.35	1.35	3.23	4.23	3.36
9+12+18	2.46	3.03	5.01	-	-	4.31	10.50	12.71	1.44	3.40	4.22	3.09	2.67	3.28	5.43	-	-	4.78	11.38	14.00	1.39	3.40	4.34	3.35
9+18+18	3.09	3.09	5.11	-	-	4.62	11.28	13.65	1.54	3.63	4.50	3.11	2.33	4.75	4.75	-	-	4.97	11.84	14.56	1.47	3.52	4.58	3.36
12+12+12	2.74	2.74	2.74	-	-	3.37	8.21	9.93	1.17	2.63	3.42	3.12	3.62	3.62	3.62	-	-	4.56	10.85	13.35	1.35	3.18	4.23	3.41
12+12+18	2.31	4.72	4.72	-	-	4.82	11.75	14.22	1.59	3.74	4.65	3.14	3.11	3.11	5.16	-	-	4.78	11.38	14.00	1.40	3.33	4.38	3.42
12+18+18	2.72	4.51	4.51	-	-	4.82	11.75	14.22	1.60	3.77	4.68	3.12	2.79	4.62	4.62	-	-	5.06	12.04	14.81	1.48	3.58	4.63	3.36
18+18+18	4.10	4.10	4.10	-	-	5.05	12.31	14.90	1.66	3.91	4.85	3.15	4.47	4.47	2.53	-	-	5.64	11.48	16.51	1.65	3.42	5.16	3.36
9+9+9+9	2.55	2.55	2.55	2.55	-	4.31	10.20	12.81	1.35	3.24	4.21	3.15	1.86	1.86	2.98	4.93	-	4.88	11.63	11.23	1.36	3.36	4.14	3.46
9+9+9+12	2.48	2.48	2.48	3.05	-	4.31	10.50	12.81	1.41	3.33	4.11	3.15	2.27	2.94	2.94	2.94	-	4.66	11.10	11.22	1.33	3.19	4.04	3.48
9+9+9+18	2.29	2.29	2.29	4.66	-	4.72	11.52	13.82	1.57	3.65	4.56	3.16	2.03	2.64	3.25	3.25	-	4.69	11.16	11.37	1.34	3.26	4.10	3.42
9+9+12+12	2.51	2.51	3.09	3.09	-	4.59	11.20	13.44	1.53	3.57	4.45	3.14	1.74	2.27	4.62	4.62	-	5.57	13.25	11.96	1.60	3.86	4.87	3.43
9+9+12+18	2.38	2.38	2.93	4.86	-	5.15	12.56	15.07	1.69	3.97	4.90	3.16	2.64	2.64	2.64	3.25	-	4.69	11.16	12.84	1.29	3.21	3.95	3.48
9+9+18+18	2.27	2.27	4.62	4.62	-	5.65	13.78	16.54	1.87	4.40	5.42	3.13	2.50	2.50	3.08	3.08	-	4.69	11.16	13.43	1.28	3.14	3.91	3.55
9+12+12+12	2.46	3.02	3.02	3.02	-	4.72	11.52	13.82	1.57	3.66	4.56	3.15	2.30	2.30	2.84	4.70	-	5.10	12.14	14.01	1.43	3.51	4.37	3.46
9+12+12+18	2.41	2.96	2.96	4.91	-	5.43	13.24	15.89	1.78	4.19	5.16	3.16	2.85	2.85	2.85	4.71	-	5.57	13.25	14.80	1.57	3.81	4.78	3.48
12+12+12+12	2.96	2.96	2.96	2.96	-	4.85	11.82	14.18	1.60	3.68	4.65	3.21	1.74	2.78	4.61	4.61	-	5.77	13.74	12.54	1.66	3.81	5.05	3.61
12+12+12+18	2.84	2.84	2.84	4.71	-	5.43	13.24	15.89	1.77	4.12	5.14	3.21	2.48	3.05	3.05	3.05	-	4.88	11.63	14.30	1.36	3.21	4.15	3.62
9+9+9+9+9	2.10	2.10	2.10	2.10	2.10	4.87	10.50	12.92	1.62	3.27	4.70	3.21	2.30	2.30	2.30	2.30	2.30	6.16	11.50	14.24	1.71	3.13	5.23	3.67
9+9+9+9+12	2.10	2.10	2.10	2.10	2.80	4.73	11.20	13.06	1.57	3.47	4.57	3.23	2.30	2.30	2.30	2.30	3.00	5.38	12.20	14.06	1.46	3.34	4.46	3.65
9+9+9+9+18	2.00	2.00	2.00	2.00	4.20	5.13	12.20	13.31	1.72	3.80	5.01	3.21	2.10	2.10	2.10	2.10	4.50	6.16	12.90	15.03	1.70	3.57	5.18	3.61
9+9+9+12+12	2.10	2.10	2.10	2.80	2.80	5.55	11.90	13.80	1.85	3.71	5.36	3.21	2.20	2.20	2.20	2.90	2.90	5.89	12.40	14.35	1.62	3.43	4.95	3.62
9+9+9+12+18	2.17	2.17	2.17	2.70	4.40	5.59	13.62	13.80	1.90	4.31	5.52	3.16	2.20	2.20	2.20	2.80	4.70	6.16	14.10	15.70	1.67	3.91	5.10	3.61
9+9+12+12+12	2.10	2.10	2.70	2.70	2.70	5.13	12.31	13.31	1.72	3.83	4.98	3.21	2.20	2.20	2.80	2.80	2.80	5.04	12.80	14.87	1.36	3.53	4.15	3.63
9+12+12+12+12	2.05	2.60	2.60	2.60	2.60	5.47	12.45	13.80	1.84	3.92	5.34	3.18	2.10	2.75	2.75	2.75	2.75	5.83	13.10	15.70	1.59	3.70	4.86	3.54
12+12+12+12+12	2.50	2.50	2.50	2.50	2.50	5.59	12.50	14.35	1.90	3.96	5.52	3.16	2.70	2.70	2.70	2.70	2.70	6.16	13.50	16.35	1.72	3.87	5.24	3.49

Based on wall mounted combination

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YBZE [ECODESIGN]

HIGH WALL RESIDENTIAL MULTISPLIT DUO/TRIO/QUATTRO



- q Capacity range available in 3 capacities from 5 up to 8 kW.
- q DC Inverter and sine wave compressor drive technology.
- q Apply with high wall line.

COMPATIBLE WITH

HIGH WALL HZDE



PRODUCT ADVANTAGES

- A/A Class Efficiency. Minimum energy consumption.
- Rapid operation in cooling and heating mode.
- Advance logic for precise temperature control.

 A/A CLASS EFFICIENCY	 DC INVERTER	 SINE WAVE COMPRESSOR DRIVE	 LOW VOLTAGE STARTUP	 LOW TEMPERATURE STARTUP
 R410A FLUID	 ELECTRONIC EXPANSION VALVE	 NANO PHOTOCATALYTIC FILTER	 ELECTROSTATIC FILTER - ANTIBACTERIA	 AUTO CLEAN/DRY
 I FEEL	 WIDE ANGLE LOUVER	 MOTORIZED 2D AIRFLOW	 SLEEP MODE	 HOT KEEP
 DIGITAL DISPLAY	 TURBO MODE	 TIMER	 SELF DIAGNOSTIC-DIGITAL	 LOW BATTERY INDICATION
 RESTART (MEMORY)	 REMOTE CONTROL LOCK	 ADVANCED DEFROST	 AUTO MODE OPERATION	 AUTO FAN
 TECHNICIAN TEST MODE	 -15°C LOW AMBIENT HEATING			

YBZE TECHNICAL DATA

Outdoor units		AWAU-YBZE218-H11	AWAU-YBZE324-H11	AWAU-YBZE430-H11
COOLING				
Rated Capacity	kW	5.0 (2.05-6.2)	7.1 (2.2-10)	8.0 (2.2-10.0)
Pdesignnc	kW	5.0	7.1	8.0
Input power	kW	1.55	2.25	2.49
SEER/Energy label		5.6/A+	5.1/A	5.1/A
Operating limits	°C	-15°/ 48° Dry bulb		
HEATING				
Rated Capacity	kW	5.6 (2.5-6.65)	8.5 (3.6-11)	9.3 (2.8-11.0)
Pdesignnh	kW	4.6	7.0	7.0
Input power	kW	1.55	2.35	2.58
SCOP/Energy label		3.8/A	3.8/A	3.8/A
Operating limits	°C	-15°/24° Dry bulb		
Capacity @ -10°C	kW	4.0	6.3	6.3
Capacity @ -15°C	kW	3.4	5.8	5.8
OUTDOOR UNIT				
Sound pressure level to 1 m	dB(A)	53	58	58
Sound power level	dB(A)	63	68	68
Airflow	m³/h	3200	4000	4000
Compressor type		Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	963x700x396	1001x790x427	1001x790x427
Package dimensions (WxHxD)	mm	1029x750x458	1083x855x488	1083x855x488
Net weight/Gross weight	kg	50/55	64/70	65/71
Part number		7SP091158	7SP091159	7SP091160
POWER SUPPLY 1~230V - 50 HZ				
Power supply side		Outdoor	Outdoor	Outdoor
Power cable section	mm²	3x2.5	3x2.5	3x2.5
Fuse rating am	A	25	32	32
Electrical connections	mm²	2x (4x1.0)	3x (4x1.0)	4x (4x1.0)
PIPE LINE				
Suction pipe diameter	inches	2x3/8"	3x3/8"	4x3/8"
Liquid pipe diameter	inches	2x1/4"	3x1/4"	4x1/4"
Max length	m	20	70	70
Max length per circuit	m	10	20	20
Max height between indoor and outdoor units	m	10	10	10
Max height between indoor units	m	10	10	10
Indoor unit				
		AWSI-HZDE009-N11	AWSI-HZDE012-N11	AWSI-HZDE018-N11
Cooling Capacity	kW	2.6	3.5	5.3
Heating Capacity	kW	2.8	3.8	5.8
INDOOR UNIT				
Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	24/30/38/41	25/31/39/42	32/37/40/45
Sound power level (LS/MS/HS/SS)	dB(A)	39/45/53/56	40/46/54/57	47/52/55/60
Airflow (LS/MS/HS/SS)	m³/h	280/370/520/600	300/410/560/680	460/560/680/800
Dehumidification	l/h	0.8	1.4	1.8
Outline dimensions (WxHxD)	mm	770x283x201	770x283x201	865x305x215
Package dimensions (WxHxD)	mm	855x360x280	855x360x280	948x383x310
Net weight/Gross weight	kg	8/10	9/11	12/15
Part number		7SP022908	7SP022909	7SP022910
PIPE LINE				
Suction pipe diameter	inches	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"

AIRWELL SOLUTIONS





YBZE2-18 [ECODESIGN]

RESIDENTIAL MULTISPLIT DUO

COMPATIBLE WITH

HIGH WALL HZDE



CAPACITY COMBINATION

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)						Input power (kW)			EER	Capacity (kW)						Input power (kW)			COP		
	A	B	C	D	Nominal	Min	Max	Nominal	Min		Max	A	B	C	D	Nominal	Min	Max	Nominal		Min	Max
9	2.60	-	-	-	2.60	1.50	3.50	0.85	0.50	2.00	3.06	3.20	-	-	-	3.20	1.60	4.50	1.10	0.55	2.00	2.91
12	3.50	-	-	-	3.50	2.00	4.40	1.10	0.50	2.00	3.18	3.80	-	-	-	3.80	1.80	4.80	1.15	0.55	2.00	3.30
9+9	2.50	2.50	-	-	5.00	2.05	6.20	1.55	0.50	2.55	3.23	2.80	2.80	-	-	5.60	2.50	6.65	1.55	0.58	2.70	3.61
9+12	2.14	2.86	-	-	5.00	2.15	6.30	1.55	0.50	2.55	3.23	2.40	3.20	-	-	5.60	2.50	6.75	1.55	0.58	2.70	3.61
12+12	2.50	2.50	-	-	5.00	2.15	6.30	1.55	0.50	2.55	3.23	2.80	2.80	-	-	5.60	2.50	6.75	1.55	0.58	2.70	3.61

Based on wall mounted combination



YBZE3-24 [ECODESIGN]

RESIDENTIAL MULTISPLIT TRIO

COMPATIBLE WITH

HIGH WALL HZDE



CAPACITY COMBINATION

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)						Input power (kW)			EER	Capacity (kW)						Input power (kW)			COP		
	A	B	C	D	Nominal	Min	Max	Nominal	Min		Max	A	B	C	D	Nominal	Min	Max	Nominal		Min	Max
9	2.60	-	-	-	2.60	2.00	3.90	0.78	0.60	2.10	3.35	3.20	-	-	-	3.20	2.80	4.00	1.05	0.90	2.00	3.05
12	3.50	-	-	-	3.50	2.10	4.00	1.05	0.70	2.15	3.33	3.80	-	-	-	3.80	2.80	5.00	1.20	0.90	2.10	3.17
18	5.30	-	-	-	5.30	2.25	6.30	1.65	0.80	2.20	3.21	5.80	-	-	-	5.80	2.80	6.30	1.80	0.90	2.20	3.22
9+9	2.60	2.60	-	-	5.20	2.00	7.80	1.55	0.60	4.20	3.35	3.20	3.20	-	-	6.40	3.20	8.50	2.05	0.90	3.95	3.12
9+12	2.61	3.49	-	-	6.10	2.10	8.00	2.00	0.70	4.30	3.05	3.09	4.11	-	-	7.20	3.50	9.30	2.25	0.90	4.40	3.20
9+18	2.33	4.67	-	-	7.00	2.25	9.20	2.18	0.80	4.40	3.21	2.57	5.13	-	-	7.70	3.70	9.90	2.40	0.90	4.40	3.21
12+12	3.50	3.50	-	-	7.00	2.20	8.20	2.18	0.75	4.30	3.21	3.85	3.85	-	-	7.70	3.50	9.50	2.26	0.90	4.40	3.41
12+18	2.80	4.20	-	-	7.00	2.30	9.50	2.18	0.80	4.40	3.21	3.12	4.68	-	-	7.80	3.80	11.00	2.40	0.90	4.40	3.25
9+9+9	2.37	2.37	2.37	-	7.10	2.20	10.00	2.20	0.65	4.60	3.23	2.83	2.83	2.83	-	8.50	3.60	11.00	2.40	0.85	4.00	3.54
9+9+12	2.13	2.13	2.84	-	7.10	2.20	10.00	2.20	0.65	4.60	3.23	2.57	2.57	3.42	-	8.55	3.80	11.00	2.40	0.85	4.00	3.56
9+9+18	1.78	1.78	3.55	-	7.10	2.20	10.00	2.20	0.65	4.65	3.23	2.14	2.14	4.28	-	8.55	3.80	11.00	2.40	0.85	4.00	3.56
9+12+12	1.94	2.58	2.58	-	7.10	2.20	10.00	2.20	0.65	4.65	3.23	2.33	3.11	3.11	-	8.55	3.80	11.00	2.40	0.85	4.00	3.56
9+12+18	1.64	2.18	3.28	-	7.10	2.20	10.00	2.20	0.65	4.65	3.23	1.97	2.63	3.95	-	8.55	3.80	11.00	2.40	0.85	4.00	3.56
12+12+12	2.37	2.37	2.37	-	7.10	2.20	10.00	2.20	0.65	4.65	3.23	2.85	2.85	2.85	-	8.55	3.80	11.00	2.40	0.85	4.00	3.56
12+12+18	2.03	2.03	3.04	-	7.10	2.20	10.00	2.20	0.65	4.65	3.23	2.44	2.44	3.66	-	8.55	3.80	11.00	2.40	0.85	4.00	3.56

Based on wall mounted combination



YBZE4-30 [ECODESIGN]

RESIDENTIAL MULTISPLIT QUATTRO

COMPATIBLE WITH

HIGH WALL HZDE



CAPACITY COMBINATION

Indoor units combinations	COOLING											HEATING										
	Capacity (kW)						Input power (kW)			EER	Capacity (kW)						Input power (kW)			COP		
	A	B	C	D	Nominal	Min	Max	Nominal	Min		Max	A	B	C	D	Nominal	Min	Max	Nominal		Min	Max
9	2.60	-	-	-	2.60	2.00	3.90	0.78	0.60	2.10	3.35	3.20	0.00	-	-	3.20	2.80	4.00	1.05	0.90	2.00	3.05
12	3.50	-	-	-	3.50	2.10	4.00	1.05	0.70	2.15	3.33	3.80	0.00	-	-	3.80	2.80	5.00	1.20	0.90	2.10	3.17
18	5.30	-	-	-	5.30	2.25	6.30	1.65	0.80	2.20	3.21	5.80	0.00	-	-	5.80	2.80	6.30	1.80	0.90	2.20	3.22
9+9	2.50	2.50	-	-	5.00	2.00	7.80	1.55	0.60	4.20	3.23	3.20	3.20	-	-	6.40	3.20	8.50	2.05	0.90	3.95	3.12
9+12	2.66	3.54	-	-	6.20	2.10	8.00	2.00	0.70	4.30	3.10	3.09	4.11	-	-	7.20	3.50	9.30	2.25	0.90	4.40	3.20
9+18	2.33	4.67	-	-	7.00	2.25	9.20	2.18	0.80	4.40	3.21	2.57	5.13	-	-	7.70	3.70	9.90	2.40	0.90	4.40	3.21
12+12	3.50	3.50	-	-	7.00	2.20	8.20	2.18	0.75	4.30	3.21	3.85	3.85	-	-	7.70	3.50	9.50	2.26	0.90	4.40	3.41
12+18	2.80	4.20	-	-	7.00	2.30	9.50	2.18	0.80	4.40	3.21	3.12	4.68	-	-	7.80	3.80	9.90	2.40	0.90	4.40	3.25
9+9+9	2.37	2.37	2.37	-	7.10	2.20	9.50	2.20	0.65	4.60	3.23	2.83	2.83	2.83	-	8.50	3.70	9.90	2.40	0.85	4.00	3.54
9+9+12	2.13	2.13	2.84	-	7.10	2.20	9.50	2.20	0.65	4.60	3.21	2.57	2.57	3.42	-	8.55	3.80	9.90	2.40	0.85	4.00	3.56
9+9+18	1.78	1.78	3.55	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	2.14	2.14	4.28	-	8.55	3.80	9.90	2.40	0.85	4.00	3.56
9+12+12	1.94	2.58	2.58	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	2.33	3.11	3.11	-	8.55	3.80	9.90	2.40	0.85	4.00	3.56
9+12+18	1.64	2.18	3.28	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	1.97	2.63	3.95	-	8.55	3.80	9.90	2.40	0.85	4.00	3.56
12+12+12	2.37	2.37	2.37	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	2.85	2.85	2.85	-	8.55	3.80	9.90	2.50	0.85	4.00	3.42
12+12+18	2.03	2.03	3.04	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	2.44	2.44	3.66	-	8.55	3.80	9.90	2.50	0.85	4.00	3.42
9+9+9+9	2.00	2.00	2.00	2.00	8.00	2.20	10.00	2.48	0.65	4.65	3.23	2.33	2.33	2.33	2.33	9.30	3.90	11.00	2.55	0.98	4.00	3.65
9+9+9+12	1.85	1.85	1.85	2.46	8.00	2.20	10.00	2.48	0.65	4.65	3.23	2.22	2.22	2.22	2.95	9.60	3.90	11.00	2.55	0.98	4.00	3.76
9+9+12+12	1.71	1.71	2.29	2.29	8.00	2.20	10.00	2.48	0.65	4.50	3.23	2.06	2.06	2.74	2.74	9.60	3.90	11.00	2.55	0.98	4.00	3.76
9+12+12+12	1.60	2.13	2.13	2.13	8.00	2.20	10.00	2.48	0.65	4.50	3.23	1.92	2.56	2.56	2.56	9.60	3.90	11.00	2.55	0.98	4.00	3.76
9+9+12+18	1.50	1.50	2.00	3.00	8.00	2.20	10.00	2.48	0.65	4.50	3.23	1.80	1.80	2.40	3.60	9.60	3.90	11.00	2.55	0.98	4.00	3.76
12+12+12+12	2.00	2.00	2.00	2.00	8.00	2.20	10.00	2.48	0.65	4.50	3.23	2.40	2.40	2.40	2.40	9.60	3.90	11.00	2.55	0.98	4.00	3.76

Based on wall mounted combination

[MODEL NAME]				Page
HIGH WALL	HMF	NEW		88
FLOOR CEILING	FCF	NEW		90
CASSETTE 600X600	CBF	NEW		92
CASSETTE 900X900	CBF	NEW		94
DUCTED MEDIUM STATIC PRESSURE	DBF	NEW		96
DUCTED HIGH STATIC PRESSURE	DAF			98
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WATER CONSOLE	CAO			104 & 106
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FLOOR STANDING	SBF	NEW		110

7 2 kW	9 2.5 kW	12 3.5 kW	18 5 kW	24 7 kW	30 8 kW	36 10 kW	45 12.5 kW	60 14 kW	68-136 20-39.5 kW
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[EC COMPLY]

[EC COMPLY] Comply with ECO Design regulation
 [EC COMPLY] Product which is not included in ECO Design regulation
]*[Not European Comply



HMF

HIGH WALL

- q High wall line available in capacities from 2.20 to 6.15 kW.
- q Digital display with room and set temperature.
- q Cooling and heating operation mode.
- q Photocatalytic and antibacterial filters.
- q "I Feel" function with precise room temperature control.

PRODUCT ADVANTAGES

- Refrigerant leakage alarm to protect the unit.
- Wide angle or air distribution.
- A/A class efficiency with minimum energy consumptions (sizes 7/9/12/18).



RC08B



RCW8
(optional)



ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Function
RCW8	7ACEL1706		Wired single control	Mode, Fan speed, Timer on-off, Temperature, Swing and "I Feel".
ON-OFF dry contact adaptor	7ACEL1190			Option to control from remote with the last operation memory.

HMF TECHNICAL DATA

Indoor units		AWSI-HMF007-N11	AWSI-HMF009-N11	AWSI-HMF012-N11	AWSI-HMF018-N11	AWSI-HMF024-N11
Outdoor units		AWAU-YMF007-H11	AWAU-YMF009-H11	AWAU-YMF012-H11	AWAU-YMF018-H11	AWAU-YMF024-H11
COOLING						
Rated Capacity	kW	2.20	2.64	3.37	5.28	6.15
Input power	kW	0.685	0.82	1.05	1.64	2.19
EER/Energy label		3.21/A	3.21/A	3.21/A	3.22/A	2.81/C
Operating limits	°C	18°/43° Dry bulb				
HEATING						
Rated Capacity	kW	2.34	2.78	3.52	5.28	6.74
Input power	kW	0.65	0.77	0.975	1.46	2.1
COP/Energy label		3.61/A	3.61/A	3.61/A	3.61/A	3.21/C
Operating limits	°C	-7°/24° Dry bulb				
INDOOR UNIT						
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	29/33/40	29/33/41	30/35/41	33/40/45	40/44/47
Sound power level	dB(A)	50	51	51	55	57
Airflow (LS/MS/HS)	m³/h	300/360/460	300/360/460	400/500/580	500/700/800	900/1050/1150
Dehumidification	l/h	0.8	0.8	1.2	1.8	3
Outline dimensions (WxHxD)	mm	715x250x188	715x250x188	800x275x188	940x275x205	1045x315x235
Package dimensions (WxHxD)	mm	775x324x260	775x324x260	865x350x265	1015x350x265	1135x315x395
Net weight/Gross weight	kg	6.5/8.5	6.5/8.5	8/10	10/12.5	12/15.5
Part number		7SP023003	7SP023004	7SP023005	7SP023006	7SP023007
OUTDOOR UNIT						
Sound pressure level to 1 m	dB(A)	55	56	57	60	62
Sound power level	dB(A)	65	66	67	70	72
Airflow	m³/h	1650	1650	1800	2300	2500
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	700x540x240	700x540x240	780x540x250	760x590x285	820x595x330
Package dimensions (WxHxD)	mm	815x580x325	815x580x325	910x585x335	887x645x355	940x645x415
Net weight/Gross weight	kg	22/24	24.5/26.5	28/30	36.5/39	44/46
Part number		7SP062829	7SP062830	7SP062831	7SP062832	7SP062833
POWER SUPPLY 1~230V - 50 HZ						
Power supply side		Indoor	Indoor	Indoor	Indoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x1.5	3x1.5	3x2.5
Fuse rating	A	16	16	16	16	25
Electrical connections	mm²	5x1.0	5x1.0	5x1.0	3x1.5+2x0.75	4x1.0
PIPE LINE						
Suction pipe diameter	inches	3/8"	3/8"	1/2"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	3/8"
Max length	m	20	20	20	25	25
Max height	m	8	8	8	10	10

AIRWELL SOLUTIONS





FCF

FLOOR CEILING

- q Floor and ceiling line available in capacities from 3.50 up to 15.60 kW.
- q Cooling and heating operation mode.
- q "I Feel" function with precise room temperature control.
- q Available in 3PH from 9.80 kW.



RC08B



RCW8
(optional)

PRODUCT ADVANTAGES

- 2 directions airflow control.
- Air fresh intake as option.
- Vertical or horizontal installation.

- R410A FLUID
- FRESH AIR
- I FEEL
- WIDE ANGLE LOUVER
- SLEEP MODE
- HOT KEEP
- DIGITAL DISPLAY
- PROGRAMMABLE TIMER
- TIMER
- SELF DIAGNOSTIC-LED
- SELF DIAGNOSTIC-DIGITAL
- LOW BATTERY INDICATION
- AUTO RESTART (MEMORY)
- REMOTE CONTROL LOCK
- AUTO MODE OPERATION
- AUTO FAN
- LEFT/RIGHT DRAIN CONNEXION
- INTEGRATED WATER PUMP
- ALARM OUTPUT
- UNIT ON INPUT
- LOW AMBIENT COOLING

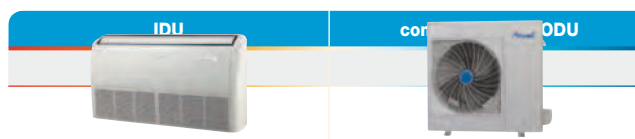
ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Function
RCW8	7ACEL1706		Wired single control	Mode, Fan speed, Timer on-off, Temperature, Swing and "I Feel".
Central controller for LCAC-M	7ACEL1707		Central controller	Control up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory.
BMS-M	7ACEL1708		BMS gateway	

FCF TECHNICAL DATA

Indoor units		AWSI-FCF012-N11	AWSI-FCF018-N11	AWSI-FCF024-N11	AWSI-FCF030-N11	AWSI-FCF036-N11	AWSI-FCF036-N11	AWSI-FCF042-N11	AWSI-FCF060-N11
Outdoor units 1-230V - 50 Hz		AWAU-YOF012-H11	AWAU-YOF018-H11	AWAU-YOF024-H11	AWAU-YOF030-H11	AWAU-YOF036-H11	-	-	-
Outdoor units 3-400V - 50 Hz		-	-	-	-	-	AWAU-YOF036-H13	AWAU-YOF042-H13	AWAU-YOF060-H13
COOLING									
Rated Capacity	kW	3.5	5.6	7.1	8.9	9.4	9.8	12.8	15.6
Input power	kW	1.20	2.14	2.68	3.07	3.88	3.74	4.7	5.51
EER/Energy label		2.9/C	2.61/D	2.65/D	2.9/C	2.42/E	2.62/D	2.72/D	2.83/C
Operating limits	°C	18°/43° Dry bulb							
HEATING									
Capacity Rated Capacity	kW	3.6	5.8	7.5	9.4	11.2	10.6	14.2	17
Input power	kW	1.10	1.8	2.46	2.92	3.97	3.58	4.89	5.52
COP/Energy label		3.28/C	3.22/C	3.05/D	3.22/C	2.82/D	2.96/D	2.90/D	3.08/D
Operating limits	°C	-7°/24° Dry bulb							
INDOOR UNIT									
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	41/46/52	41/46/52	42/48/53	45/49/54	45/49/54	45/49/54	50/53/56	51/54/57
Sound power level	dB(A)	62	62	63	64	64	64	66	67
Airflow (LS/MS/HS)	m³/h	900/1050/1300	900/1050/1300	1000/1200/1400	1250/1400/1750	1250/1400/1750	1250/1400/1750	1650/1800/1950	1700/1900/2300
Dehumidification	l/h	1.2	1.9	2.3	2.5	2.9	2.9	4.3	5
Outline dimensions (WxHxD)	mm	1068x675x235	1068x675x235	1068x675x235	1285x675x235	1285x675x235	1285x675x235	1285x675x235	1650x675x235
Package dimensions (WxHxD)	mm	1145x755x313	1145x755x313	1145x755x313	1360x755x313	1360x755x313	1360x755x313	1360x755x313	1725x755x313
Net weight/Gross weight	kg	23/28	24/29	24/29	29/36	29/36	29/36	30/35	40/46
Part number		7SP012208	7SP012209	7SP012210	7SP012211	7SP012212	7SP012212	7SP012213	7SP012218
OUTDOOR UNIT									
Sound pressure level to 1 m	dB(A)	55	58	59	61	61	61	62	63
Sound power level	dB(A)	65	68	69	71	71	71	72	73
Airflow	m³/h	1800	2400	2700	5200	5500	5500	7200	7500
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
Outline dimensions (WxHxD)	mm	780x540x250	760x590x285	845x700x320	990x965x345	990x965x345	990x965x345	938x1369x392	938x1369x392
Package dimensions (WxHxD)	mm	910x585x335	887x645x355	965x755x395	1120x1100x435	1120x1100x435	1120x1100x435	1095x1505x495	1095x1505x495
Net weight/Gross weight	kg	28/30	37/39	48/54.5	67.1/77.2	84.5/94.5	81/92	110/124	111.1/125.4
Part number 1-230V - 50 Hz		7SP062842	7SP062843	7SP062844	7SP062845	7SP062846	-	-	-
Part number 3-400V - 50 Hz		-	-	-	-	-	7SP062847	7SP062848	7SP062849
POWER SUPPLY 1-230V - 50 HZ									
Power supply side		Indoor	Indoor	Indoor	Indoor	Indoor	-	-	-
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x4.0	3x4.0	-	-	-
Fuse rating am	A	16	16	25	30	30	-	-	-
Electrical connections	mm²	3x1.5 + 2x1.0 + 2x0.5	3x1.5 + 2x1.0 + 2x0.5	3x2.5 + 3x1.0 + 2x0.5	3x4.0 + 3x1.0 + 2x0.5	3x4.0 + 3x1.0 + 2x0.5	-	-	-
POWER SUPPLY 3-400V - 50 HZ									
Power supply side		-	-	-	-	-	Indoor	Ind. & Out.	Ind. & Out.
Power cable section	mm²	-	-	-	-	-	5x2.5	3x1.0+5x2.5	3x1.0+5x2.5
Fuse rating am	A	-	-	-	-	-	20	16 + 20	16 + 20
Electrical connections	mm²	-	-	-	-	-	3x1.0 + 3x1.0	3x0.5	3x0.5
PIPE LINE									
Suction pipe diameter	inches	1/2"	1/2"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	20	25	25	25	30	30	50	50
Max height	m	10	15	15	15	20	20	25	25

AIRWELL SOLUTIONS





CBF

CASSETTE 600x600

- q Cassette line available in capacities from 3.40 and 5.20 kW.
- q Cooling and heating operation mode.
- q "I Feel" function with precise room temperature control.



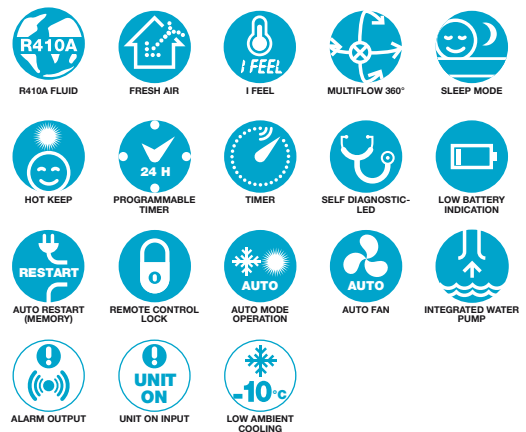
RC08B



RCW8
(optional)

PRODUCT ADVANTAGES

- Compact dimensions, 600x600 design for modulating ceiling.
- 360 degree airflow supply.
- Integrated electronic control box.
- Option for fresh air intake.



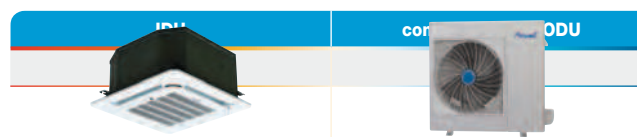
ACCESSORIES/OPTIONS

Acc.	Reference	Photo	Description	Function
Cassette Panel 570x570 CBD 12/18	7ACVF0565		Cassette Panel 570x570 for CBF/CBD 12/18	
RCW8	7ACEL1706		Wired single control	Mode, Fan speed, Timer on-off, Temperature, Swing and "I Feel".
Central controller for LCAC-M	7ACEL1707		Central controller	Control up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory.
BMS-M	7ACEL1708		BMS gateway	

CBF TECHNICAL DATA

Indoor units		AWSI-CBF012-N11	AWSI-CBF018-N11
Outdoor units		AWAU-YOF012-H11	AWAU-YOF018-H11
COOLING			
Rated Capacity	kW	3.4	5.2
Input power	kW	1.15	1.99
EER/Energy label		2.96/C	2.61/D
Operating limits	°C	18°/43° Dry bulb	
HEATING			
Capacity Rated Capacity	kW	3.6	5.6
Input power	kW	1.15	1.79
COP/Energy label		3.13/D	3.13/D
Operating limits	°C	-7°/24° Dry bulb	
INDOOR UNIT			
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	40/43/46	40/43/46
Sound power level	dB(A)	56	56
Airflow (LS/MS/HS)	m³/h	560/710/800	560/710/800
Dehumidification	l/h	1.1	1.9
Outline dimensions (WxHxD)	mm	570x260x570	570x260x570
Package dimensions (WxHxD)	mm	655x290x655	655x290x655
Net weight/Gross weight	kg	15/18	17.5/20
Part number		7SP042229	7SP042230
FRAME (INCLUDED IN THE INDOOR UNIT)			
Outline dimensions (WxHxD)	mm	647x50x647	647x50x647
Package dimensions (WxHxD)	mm	715x123x715	715x123x715
Net weight/Gross weight	kg	2.5/4.5	2.5/4.5
Part number frame		7ACVF0565	7ACVF0565
OUTDOOR UNIT			
Sound pressure level to 1 m	dB(A)	55	58
Sound power level	dB(A)	65	68
Airflow	m³/h	1800	2400
Compressor type		Rotary	Rotary
Outline dimensions (WxHxD)	mm	780x540x250	760x590x285
Package dimensions (WxHxD)	mm	910x585x335	887x645x355
Net weight/Gross weight	kg	28/30	37/39
Part number		7SP062842	7SP062843
POWER SUPPLY 1~230V - 50 HZ			
Power supply side		Indoor	Indoor
Power cable section	mm²	3x1.5	3x1.5
Fuse rating am	A	16	16
Electrical connections	mm²	3x1.5 + 2x1.0 + 2x0.5	3x1.5 + 2x1.0 + 2x0.5
PIPE LINE			
Suction pipe diameter	inches	1/2"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"
Max length	m	20	25
Max height	m	10	15

AIRWELL SOLUTIONS





CBF

CASSETTE 900x900

- q Cassette line available in capacities from 6.80 up to 14.0 kW.
- q Cooling and heating operation mode.
- q "I Feel" function with precise room temperature control.

PRODUCT ADVANTAGES

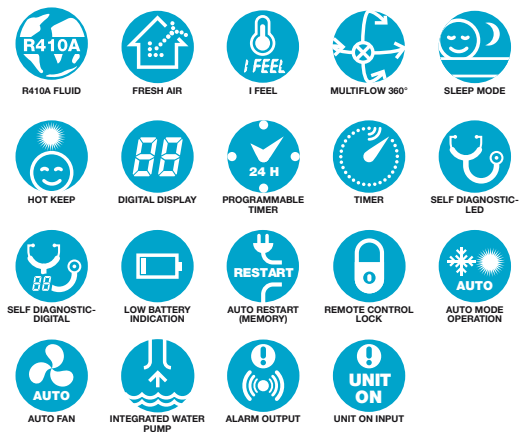
- Compact and slim design from 205 mm (model 24).
- 360 degree airflow supply.
- Integrated electronic control box.
- Option for fresh air intake.






RC08B



RCW8
(optional)



ACCESSORIES/OPTIONS

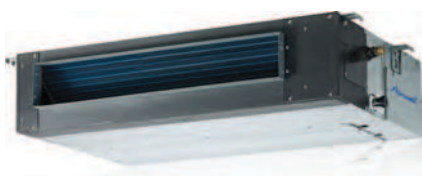
Acc.	Reference	Photo	Description	Function
Cassette Panel 570x570 CBD 12/18	7ACVF0565		Cassette Panel 570x570 for CBF/CBD 12/18	
RCW8	7ACEL1706		Wired single control	Mode, Fan speed, Timer on-off, Temperature, Swing and "I Feel".
Central controller for LCAC-M	7ACEL1707		Central controller	Control up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory.
BMS-M	7ACEL1708		BMS gateway	

CBF TECHNICAL DATA

Indoor units		AWSI-CBF024-N11	AWSI-CBF036-N11	AWSI-CBF036-N11	AWSI-CBF042-N11	AWSI-CBF060-N11
Outdoor units 1-230V - 50 Hz		AWAU-YOF024-H11	AWAU-YOF036-H11	-	-	-
Outdoor units 3-400V - 50 Hz		-	-	AWAU-YOF036-H13	AWAU-YOF042-H13	AWAU-YOF060-H13
COOLING						
Rated Capacity	kW	6.8	10	10	12.8	14
Input power	kW	2.61	3.97	3.97	4.77	5.57
EER/Energy label		2.61/D	2.52/E	2.52/E	2.68/D	2.51/E
Operating limits	°C	18°/43° Dry bulb				
HEATING						
Capacity Rated Capacity	kW	7.4	11	11	13.6	16
Input power	kW	2.49	3.57	3.57	4.65	6.1
COP/Energy label		2.97/D	3.08/D	3.08/D	2.92/D	2.62/E
Operating limits	°C	-7°/24° Dry bulb				
INDOOR UNIT						
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	42/45/48	43/47/51	43/47/51	46/49/54	47/50/55
Sound power level	dB(A)	58	61	61	64	65
Airflow (LS/MS/HS)	m³/h	900/1050/1200	1400/1600/1800	1400/1600/1800	1400/1600/1900	1500/1700/2000
Dehumidification	l/h	2.4	2.9	2.9	4.3	5.0
Outline dimensions (WxHxD)	mm	840x205x840	840x245x840	840x245x840	840x245x840	840x287x840
Package dimensions (WxHxD)	mm	900x225x900	900x265x900	900x265x900	900x265x900	900x292x900
Net weight/Gross weight	kg	23/27	25/28.5	25/28.5	26.5/30.2	28.3/32.5
Part number		7SP042231	7SP042232	7SP042232	7SP042233	7SP042238
FRAME (INCLUDED IN THE INDOOR UNIT)						
Outline dimensions (WxHxD)	mm	950x55x950	950x55x950	950x55x950	950x55x950	950x55x950
Package dimensions (WxHxD)	mm	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
Net weight/Gross weight	kg	5/8	5/8	5/8	5/8	5/8
Part number frame 950x950		7ACVF0564	7ACVF0564	7ACVF0564	7ACVF0564	7ACVF0564
OUTDOOR UNIT						
Sound pressure level to 1 m	dB(A)	59	61	61	62	63
Sound power level	dB(A)	69	71	71	72	73
Airflow	m³/h	2700	5500	5500	7200	7500
Compressor type		Rotary	Scroll	Scroll	Scroll	Scroll
Outline dimensions (WxHxD)	mm	845x700x320	990x965x345	990x965x345	938x1369x392	938x1369x392
Package dimensions (WxHxD)	mm	965x755x395	1120x1100x435	1120x1100x435	1095x1505x495	1095x1505x495
Net weight/Gross weight	kg	48/54.5	84.5/94.5	81/92	110/124	111.1/125.4
Part number 1-230V - 50 Hz		7SP062844	7SP062846	-	-	-
Part number 3-400V - 50 Hz		-	-	7SP062847	7SP062848	7SP062849
POWER SUPPLY 1-230V - 50 HZ						
Power supply side		Indoor	Indoor	-	-	-
Power cable section	mm²	3x2.5	3x4.0	-	-	-
Fuse rating am	A	25	30	-	-	-
Electrical connections	mm²	3x2.5 + 3x1.0 + 2x0.5	3x4.0 + 3x1.0 + 2x0.5	-	-	-
POWER SUPPLY 3-400V - 50 HZ						
Power supply side		-	-	Indoor	Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	-	-	5x2.5	3x1,0 + 5x2,5	3x1,0 + 5x2,5
Fuse rating am	A	-	-	20	16 + 20	16 + 20
Electrical connections	mm²	-	-	3x1.0 + 3x1.0	3x0,5	3x0,5
PIPE LINE						
Suction pipe diameter	inches	5/8"	3/4"	3/4"	3/4"	3/4"
Liquid pipe diameter	inches	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	25	30	30	50	50
Max height	m	15	20	20	25	25

AIRWELL SOLUTIONS





DBF

DUCTED MEDIUM STATIC PRESSURE

- q Ducted line available in capacities from 3.50 up to 15.50 KW.
- q Cooling and heating operation mode.
- q Available in 3PH from 10.40 kW.
- q Wired control as a standard.

PRODUCT ADVANTAGES

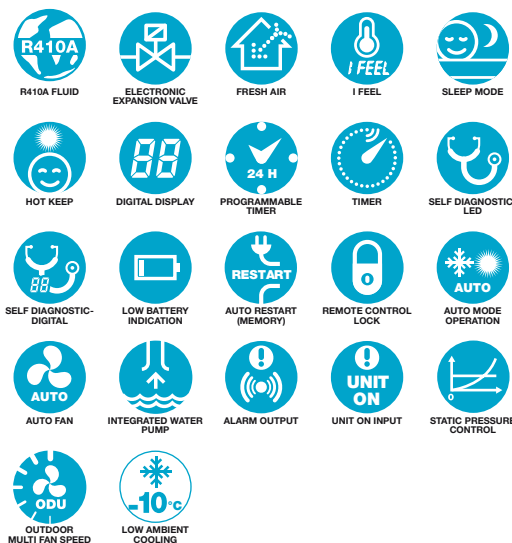
- Optional for parallel installation of same indoor unit.
- Water drain pump build in as a standard.
- Option for connect air return plenum from rear or bottom side.



RCW8



RC08B
(optional)



ACCESSORIES/OPTIONS

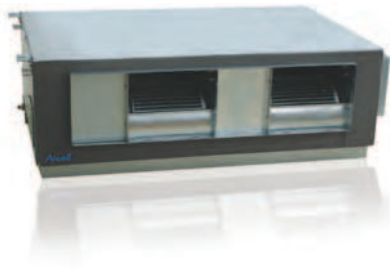
Acc.	Reference	Photo	Description	Function
Panel for DBF12	7ACVF0559		Air return grill DCD/DBF12	
Front board for DBF12	7ACEL1699		Air duct plenum DCD/DBF12	
Panel for DBF18	7ACVF0560		Air return grill DBF18	
Front board for DBF18	7ACEL1700		Air duct plenum DBF18	
Panel for DBF24	7ACVF0561		Air return grill DCD 18/24 and DBF24	
Front board for DBF24	7ACEL1701		Air duct plenum DCD 18/24 and DBF24	
Front board for DBF30/36	7ACEL1702		Air duct plenum DCD30/36/48 and DBF30/36/42/60	
Panel for DBF30/36	7ACVF0562		Air return grill DCD30 and DBF30/36	
Panel for DBF42/60	7ACVF0563		Air return grill DCD36/48 and DBF42/60	
RCW6	7ACEL1704		Wired single control	Mode, Fan speed, Real time, Timer, Temperature, Weekly Timer, Swing and "I Feel".
Test Tool-for Hi-Wall M	7ACEL1710		Service test tool	Capability to view system parameters, history, failure records and parameter adjustments.
ON-OFF dry contact adaptor	7ACEL1190			Option to control from remote with the last operation memory.

DBF TECHNICAL DATA

Indoor units		AWSI-DBF012-N11	AWSI-DBF018-N11	AWSI-DBF024-N11	AWSI-DBF030-N11	AWSI-DBF036-N11	AWSI-DBF036-N11	AWSI-DBF042-N11	AWSI-DBF060-N11
Outdoor units 1-230V - 50 Hz		AWAU-YOF012-H11	AWAU-YOF018-H11	AWAU-YOF024-H11	AWAU-YOF030-H11	AWAU-YOF036-H11	-	-	-
Outdoor units 3-400V - 50 Hz		-	-	-	-	-	AWAU-YOF036-H13	AWAU-YOF042-H13	AWAU-YOF060-H13
COOLING									
Rated Capacity	kW	3.5	5.1	7.2	8.7	10.4	10.4	14	15.5
Input power	kW	1.18	2.11	2.62	3.24	4.31	4.06	4.96	5.93
EER/Energy label		2.96/C	2.41/E	2.75/D	2.68/D	2.41/E	2.56/E	2.82/C	2.61/D
Operating limits	°C	18°/43° Dry bulb							
HEATING									
Capacity Rated Capacity	kW	3.6	5.5	7.4	9.1	11.6	11.2	15.6	17
Input power	kW	1.10	1.87	2.52	2.79	3.60	3.40	4.31	5.29
COP/Energy label		3.25/C	2.94/D	2.93/D	3.26/C	3.22/C	3.29/C	3.62/A	3.21/C
Operating limits	°C	-7°/24° Dry bulb							
INDOOR UNIT									
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	31/37/43	33/37/44	34/37/44	40/42/48	40/43/49	40/43/49	40/45/49	40/45/49
Sound power level	dB(A)	53	54	54	58	59	59	59	59
Airflow (LS/MS/HS)	m³/h	520/610/800	650/770/1170	1000/1100/1400	1720/1940/2250	1650/1890/2270	1650/1890/2270	1700/2100/2500	1700/2100/2500
Dehumidification	l/h	1.1	1.9	2.4	2.5	2.9	2.9	4.3	5.0
External static pressure Range	Pa	30 (0-40)	30 (0-70)	40 (0-70)	50 (0-80)	50 (0-80)	50 (0-80)	70 (0-100)	70 (0-100)
Outline dimensions (WxHxD)	mm	700x210x635	920x210x635	920x270x635	1140x270x775	1140x270x775	1140x270x775	1200x300x865	1200x300x865
Package dimensions (WxHxD)	mm	915x655x290	1135x290x655	1135x350x655	1355x350x795	1355x350x795	1355x350x795	1385x373x920	1385x373x920
Net weight/Gross weight	kg	20/25	24/28	26.5/32	37/43	36/43	36/43	45/53	45/53
Part number		7SP032147	7SP032148	7SP032149	7SP032150	7SP032151	7SP032151	7SP032152	7SP032153
OUTDOOR UNIT									
Sound pressure level to 1 m	dB(A)	55	58	59	61	61	61	62	63
Sound power level	dB(A)	65	68	69	71	71	71	72	73
Airflow	m³/h	1800	2400	2700	5200	5500	5500	7200	7500
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
Outline dimensions (WxHxD)	mm	780x540x250	760x590x285	845x700x320	990x965x345	990x965x345	990x965x345	938x1369x392	938x1369x392
Package dimensions (WxHxD)	mm	910x585x335	887x645x355	965x755x395	1120x1100x435	1120x1100x435	1120x1100x435	1095x1505x495	1095x1505x495
Net weight/Gross weight	kg	28/30	37/39	48/54.5	67.1/77.2	84.5/94.5	81/92	110/124	111.1/125.4
Part number 1-230V - 50 Hz		7SP062842	7SP062843	7SP062844	7SP062845	7SP062846	-	-	-
Part number 3-400V - 50 Hz		-	-	-	-	-	7SP062847	7SP062848	7SP062849
POWER SUPPLY 1-230V - 50 HZ									
Power supply side		Indoor	Indoor	Indoor	Indoor	Indoor	-	-	-
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x4.0	3x4.0	-	-	-
Fuse rating am	A	16	16	25	30	30	-	-	-
Electrical connections	mm²	3x1.5 + 2x1.0 + 2x0.5	3x1.5 + 2x1.0 + 2x0.5	3x2.5 + 3x1.0 + 2x0.5	3x4.0 + 3x1.0 + 2x0.5	3x4.0 + 3x1.0 + 2x0.5	-	-	-
POWER SUPPLY 3-400V - 50 HZ									
Power supply side		-	-	-	-	-	Indoor	Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	-	-	-	-	-	5x2.5	3x1.0 + 5x2.5	3x1.0 + 5x2.5
Fuse rating am	A	-	-	-	-	-	20	16 + 20	16 + 20
Electrical connections	mm²	-	-	-	-	-	3x1.0 + 3x1.0	3x0.5	3x0.5
PIPE LINE									
Suction pipe diameter	inches	1/2"	1/2"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	20	25	25	25	30	30	50	50
Max height	m	10	15	15	15	20	20	25	25

AIRWELL SOLUTIONS





DAF [EC COMPLY]

DUCTED 68 TO 136

- q Ducted line available in capacities from 20 up to 39.5 kW.
- q Cooling & heating operation mode.
- q "I Feel" function with precise room temperature control.

PRODUCT ADVANTAGES

- Wired (IR receiver integrated) and wireless remote controls provided as standard.
- Self diagnostic (error indications) in remote the wired remote control for ease of maintenance.
- Space saving due to low unit height.
- Centralized controller up to 16 units including weekly timer (optional).



RC08A



RCW3



RCW4
(optional)



ACCESSORIES/OPTIONS

Acc.	Reference	Photo	Description	Additional accessory required	Function
RCW-4	7ACEL1613		Wired group control.		- Control up to 16 indoor unit as a group or individually. - Option to set in each indoor unit ON/OFF, set temperature, timer (daily and weekly), mode, fan speed and swing. - Indicating failure code.

DAF TECHNICAL DATA

Indoor units		AWSI-DAF068-N13	AWSI-DAF085-N13	AWSI-DAF102-N13	AWSI-DAF136-N13
Outdoor units		AWAU-YIF068-H13	AWAU-YIF085-H13	AWAU-YIF102-H13	AWAU-YIF136-H13
COOLING					
Capacity	kW	20.0	24.5	30.0	39.5
Input power	kW	8.4	9.8	11.0	15.8
EER/Energy label		2.38	2.5	2.73	2.5
Operating limits	°C	18°/43° Dry bulb	-15°/43° Dry bulb	18°/43° Dry bulb	-15°/43° Dry bulb
HEATING					
Capacity	kW	22.0	27.5	33.0	42.0
Input power	kW	7.4	9.00	9.0	14.0
COP/Energy label		2.97	3.05	3.67	3.0
Operating limits	°C	-7°/24° Dry bulb			
INDOOR UNIT					
Sound pressure level to 1 m	dB(A)	56	54	57	58
Sound power level	dB(A)	66	64	67	68
Airflow	m³/h	4000	4800	5500	7000
External static pressure	Pa	200 (100-300)	110 (30-250)	120 (50-250)	150 (50-300)
Dehumidification	l/h	5.4	7.5	9	12
Outline dimensions (WxHxD)	mm	1463x389x799	1500x500x1000	1500x500x1000	1700x650x1100
Package dimensions (WxHxD)	mm	1540x470x880	1840x673x1200	1840x673x1200	1890x835x1460
Net weight/Gross weight	kg	86/109	150/200	156/206	215/265
Part number		7SP032127	7SP032128	7SP032129	7SP032130
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	65	66	67	69
Sound power level	dB(A)	75	76	77	79
Airflow	m³/h	8000	8000	11000	13000
Compressor type		Scroll	Scroll	Scroll	Scroll
Outline dimensions (WxHxD)	mm	1150x1350x460	1150x1600x460	990x1772x880	1290x1772x880
Package dimensions (WxHxD)	mm	1317x1475x502	1317x1730x502	1162x1950x980	1370x1950x980
Net weight/Gross weight	kg	158/174	185/200	216/266	285/330
Part number 3~400V - 50 Hz		7SP061794	7SP061795	7SP061796	7SP061797
POWER SUPPLY 3~400V - 50 HZ					
Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	5x1.0 - 5x4.0	5x1.0 - 5x6.0	5x1.0 - 5x10.0	5x1.5 - 5x10.0
Fuse rating am	A	10 - 25	10 - 32	10 - 40	10 - 40
Electrical connections	mm²	2x0.75	2x0.75	2x0.75	2x0.75
PIPE LINE					
Suction pipe diameter	inches	3/4"	1"	1-1/8"	1-1/8"
Liquid pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Max length	m	30	30	30	30
Max height	m	50	50	50	50

AIRWELL SOLUTIONS





RC08B

MAF [ECODESIGN]

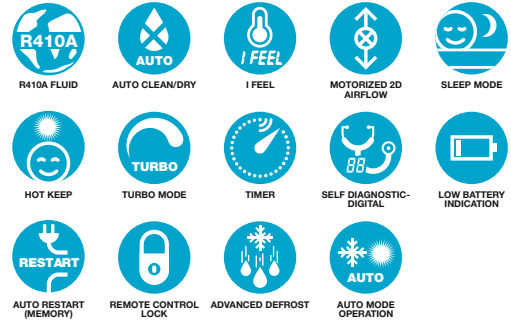
PORTABLE



- q Portable line available in capacities 2.64 and 3.52 kW.
- q Cooling only operation.

PRODUCT ADVANTAGES

- 0.5 W in standby mode.
- Installation kit for window and wall as standard.
- Option of manual control or by wireless remote control.



MAF TECHNICAL DATA

Indoor units		AWPO-MAF009-C11	AWPO-MAF012-C11
COOLING			
Capacity	kW	2.64	3.52
Input power	kW	1.01	1.35
EER/Energy label		2.61/A	2.61/A
Operating limits	°C	17°/35° Dry bulb	
INDOOR UNIT			
Type		Monoblock	Monoblock
Sound Pressure level (LS/MS/HS)	dB(A)	46/49/52	46/49/52
Sound Power Level	dB(A)	65	65
Airflow	m3/h	370	370
Dehumidification	l/h	1.6	1.8
Outline dimensions (WxHxD)	mm	467x765x397	467x765x397
Package dimensions (WxHxD)	mm	517x880x437	517x880x437
Net weight/Gross weight	kg	30/34	33.5/37
Part number		7MB021056	7MB021057

AIRWELL SOLUTIONS





WDF [ECODESIGN] WINDOW

- q Window line available in capacities from 2.6 and 3.3 kW.
- q Cooling operation mode.
- q Side air supply.

PRODUCT ADVANTAGES

- Option to control the unit by touch panel (built in) or by wireless remote control.
- Complete accessories for any type of installation are included.
- Digital display for the timer and temperature.



R410A FLUID



REMOVABLE WASHABLE PANEL



MOTORIZED 4D AIRFLOW



SLEEP MODE



TIMER



RESTART

AUTO RESTART (MEMORY)



YX1F

WDF TECHNICAL DATA

Indoor units		AWWR-WDF009-C11	AWWR-WDF012-C11
COOLING			
Capacity	kW	2.6	3.3
Pdesignnc	kW	2.6	3.3
Input power	kW	0.93	1.17
SEER/Energy label		3.6/D	3.6/D
Operating limits	°C	18°/43° Dry bulb	
INDOOR UNIT			
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	45/47/49	45/47/49
Airflow (LS/MS/HS)	m³/h	310/350/380	400/450/490
Dehumidification	l/h	1.0	1.2
Compressor type		Rotary	Rotary
Outline dimensions (WxHxD)	mm	600x380x560	660x428x680
Package dimensions (WxHxD)	mm	685x430x620	746x515x815
Net weight/Gross weight	kg	34/36.7	46/50
Part number		7WT010002	7WT010003
POWER SUPPLY 1~230V - 50 HZ			
Power supply side		Indoor	Indoor
Power cable section	mm²	3x1.0	3x1.5
Fuse rating am	A	10	10

AIRWELL SOLUTIONS





SX TELECOM

FLOOR CEILING

- q Floor ceiling line available in capacities 5.2 and 8.3 kW.
- q Operating range -10 up to 46°C in cooling.
- q Cooling only operation mode.
- q Wireless remote control included, with option of wired control.
- q Available in 3PH in 8 kW capacity.



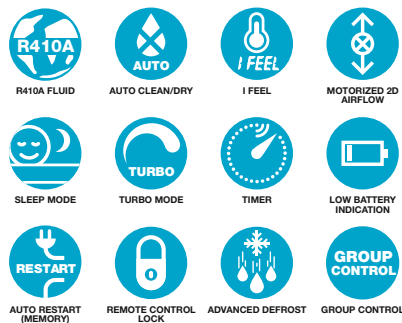
RC08W



RCW2
(optional)

PRODUCT ADVANTAGES

- Treatment of corrosion on outdoor units and electronic cards.
- Wide operating temperature, dedicated product for communication rooms.
- High pressure and low pressure protection.
- Alarm output (dry contact).
- 2D motorized air control.
- Special product design to operate in high humidity and corrosion areas.



ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Additional accessory required	Function
RCW2	7ACEL1212		Wired group control (HJD required connexion kit).	CBI-A P/N7ACEL1580 or CBI-B P/N7ACEL1616 For HJD only.	- Control up to 32 Indoor unit as a group or individually. - Option to set up to 15 group zones. - Option to set timer (daily and weekly), mode, fan speed and swing.
CBI-B	7ACEL1616		Communication interface board Heating model only option.	Kit is including cables.	- RS485, RCW2, RCL remote controls. - 1 dry contact input (selecting by dip switches). - Alarm status output (12V DC). - ON/OFF status output (12V DC).

SX TELECOM TECHNICAL DATA

Indoor units		SX TELECOM 18 AW	SX TELECOM 30 AW
Outdoor units 1-230V - 50 Hz		AWAU-YHF018-H11	-
Outdoor units 3-400V - 50 Hz		-	GC 30T LT AW
COOLING			
Rated Capacity	kW	5.2	8.3
Pdesignc	kW	5.6	8.6
Input power	kW	1.73	2.77
SEER/Energy label		3.4/E	3.4/E
Operating limits	°C	-10°/46° Dry bulb	
INDOOR UNIT			
Sound pressure level to 1 m (LS/MS/MS)	dB(A)	40/44/47	49/53/56
Sound power level (LS/MS/HS)	dB(A)	51/55/59	60/64/68
Airflow (LS/MS/HS)	m³/h	460/520/560	1010/1200/1360
External static pressure Range	Pa	-	-
Dehumidification	l/h	1.6	2.5
Outline dimensions (WxHxD)	mm	820x630x190	1200x630x190
Package dimensions (WxHxD)	mm	920x762x273	1270x732x273
Net weight/Gross weight	kg	21/23	32/36
Part number		7SP012165	7SP012166
OUTDOOR UNIT			
Sound pressure level to 1 m	dB(A)	60	61
Sound power level	dB(A)	68	69
Airflow	m³/h	2950	3100
Compressor type		Rotary	Rotary
Outline dimensions (WxHxD)	mm	900x700x340	900x860x340
Package dimensions (WxHxD)	mm	985x730x435	985x905x435
Net weight/Gross weight	kg	50/53	78/82
Part number 1~230V - 50 Hz		7SP061894	-
Part number 3~400V - 50 Hz		-	7SP061713
POWER SUPPLY 1~230V - 50 HZ			
Power supply side		Indoor & Outdoor	-
Power cable section	mm²	5x2.5	-
Fuse rating	A	16	-
Electrical connections	mm²	4x2.5 + 5x2.5	-
POWER SUPPLY 3~400V - 50 HZ			
Power supply side		-	Outdoor
Power cable section	mm²	-	5x2.5
Fuse rating am	A	-	3x16
Electrical connections	mm²	-	5x1.5 + 2x0.5
PIPE LINE			
Suction pipe diameter	inches	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"
Max length	m	15	30
Max height	m	7	15

AIRWELL SOLUTIONS

