



AIR CONDITIONING UNITS | 2018

 **PROtech**

HOT WATER | HEATING | RENEWABLE | AIR CONDITIONING



COMFORT ALWAYS ON.

For more than 80 years we have been entering the homes of families who choose Ariston with **dedication, passion and attention to details**.

This is our source of inspiration to constantly improve ourselves and guide us towards a future made of **sustainable and intelligent comfort**.

Because we believe that our **everlasting quality, advanced performance and Italian style** can truly improve the quality of life, every day.

/ TODAY

Ariston is a worldwide leading brand in thermic comfort.

/ 1960s-1980s

Ariston brand is launched and the production of electric water heaters begins. During 80s, Ariston has consolidated its market leadership in water heating and the production of boilers begins.

/ 1930s

Aristide Merloni founds “Industrie Merloni” company in the Marche Region of Italy, and starts the production of weighing scales.

THE PROTech PROFESSIONAL RANGE 2018



The Ariston range of air conditioning systems dedicated to the professional channel and users, with improved performance and functions and numerous additional advantages in terms of comfort and energy savings.

AIR CONDITIONING UNITS

/ KIOS (R32)



MONO SPLIT INVERTER 25 – 35



MULTI SPLIT INVERTER DUAL-TRIAL

/ NEVIS (R410)



MONO SPLIT INVERTER 25 – 35



MULTI SPLIT INVERTER DUAL-TRIAL

KIOS

- 22 / MONO SPLIT
- 24 / MULTI SPLIT DUAL
- 25 / MULTI SPLIT TRIAL

NEVIS

- 32 / MONO SPLIT
- 34 / MULTI SPLIT DUAL
- 35 / MULTI SPLIT TRIAL

ALYS R32

- 41 / MONO SPLIT
- 44 / MULTI SPLIT DUAL
- 45 / MULTI SPLIT TRIAL
- 46 / MULTI SPLIT QUAD
- 47 / MULTI SPLIT PENTA

/ ALYS R32



NEW

MONO SPLIT INVERTER
25 – 35 – 50



MULTI SPLIT INVERTER
DUAL-TRIAL-QUAD-PENTA

/ PRIOS R32



NEW

MONO SPLIT INVERTER
25 – 35 – 50



MULTI SPLIT INVERTER
DUAL-TRIAL

/ ALYS PLUS (R410)



MONO SPLIT INVERTER
25 – 35 – 50



MULTI SPLIT INVERTER
DUAL-TRIAL

DEHUMIDIFIERS

/ DEOS 11



/ DEOS 16s / 18s / 20s



/ DEOS 21s



/ DEOS 30 / 50



PRIOS R32

53 / MONO SPLIT

ALYS PLUS

59 / MONO SPLIT

62 / MULTI SPLIT DUAL

63 / MULTI SPLIT TRIAL

DEHUMIDIFIERS

72 / DEOS 11

73 / DEOS 16s - 18s - 20s

74 / DEOS 21s

75 / DEOS 30 - 50

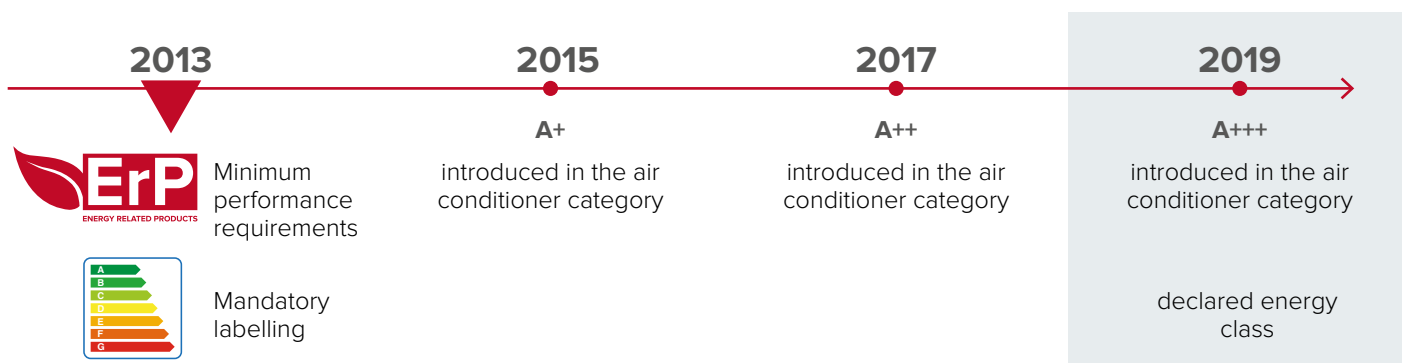
ECODESIGN (ErP)



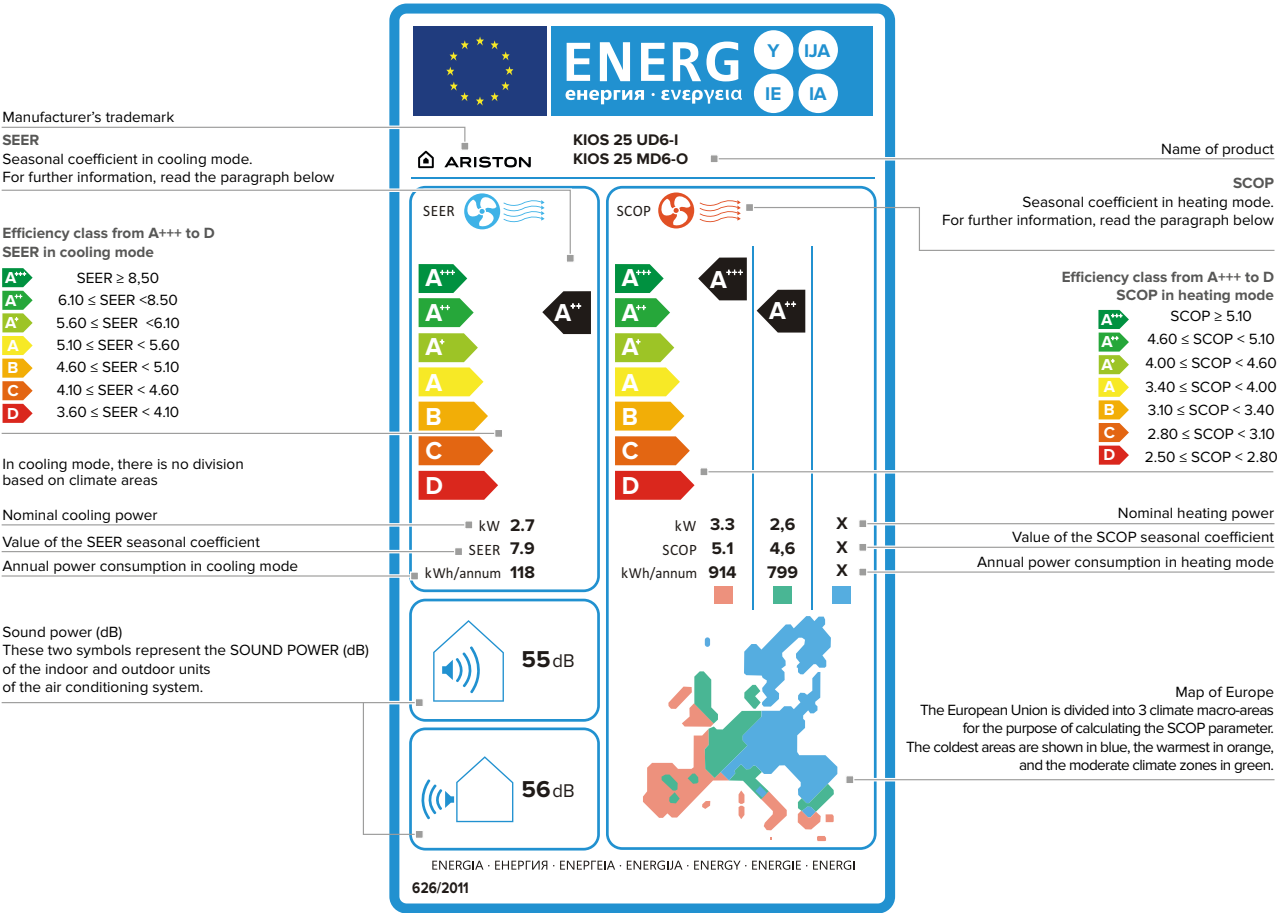
European Regulation (EU) no. 206/2012, implementing Directive 2009/125/EC (ErP), states that from 1 January 2013 all air conditioning systems (up to 12 kW) must fulfil the minimum performance requirements and have an energy label affixed to them, explaining the product's performances.

Products that do not conform to these requirements cannot be introduced and thus sold in the European Union.

From 1 January 2017, the rating classes have expanded to include A++, but **Ariston** – with its forward-looking approach – has decided to accelerate by offering to the market a highly efficient range comprising models with a rating of up to **A+++**.



PRODUCT ENERGY LABEL

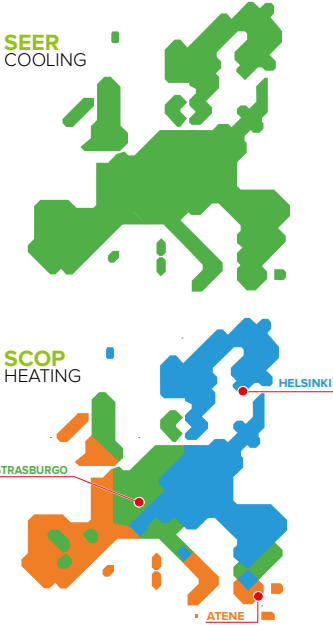


THE SEER AND SCOP INDICES

Under the terms of the directive, each class is assigned to the product on the basis of the efficiency indices: SEER and SCOP. These efficiency indicators consider the seasonal performance fluctuations by assessing the output at various outdoor temperatures.

In cooling mode, the measurements are made at outdoor temperatures of 20°C, 25°C, 30°C and 35°C. For this mode, the climate data for Strasbourg has been taken as representative of all Europe.

For heating, on the other hand, it is not possible to apply a single global temperature profile to Europe as a whole. Instead, three climate zones have been defined, represented on the label with different colours.



SEER			
Temperature conditions			
Partial load	Outdoor	Indoor	
	DB	DB	WB
100%	35°C	27°C	19°C
74%	30°C	27°C	19°C
47%	25°C	27°C	19°C
21%	20°C	27°C	19°C

SCOP - Warm (Athens)			
Temperature conditions			
Partial load	Outdoor		Indoor
	DB	WB	DB
-	-	-	20°C
100%	2°C	1°C	20°C
64%	7°C	6°C	20°C
29%	12°C	11°C	20°C

SCOP - Moderate (Strasbourg)			
Temperature conditions			
Partial load	Outdoor		Indoor
	DB	WB	DB
88%	-7°C	-8°C	20°C
54%	2°C	1°C	20°C
35%	7°C	6°C	20°C
15%	12°C	11°C	20°C

SCOP - Cold (Helsinki)			
Temperature conditions			
Partial load	Outdoor		Indoor
	DB	WB	DB
61%	-7°C	-8°C	20°C
37%	2°C	1°C	20°C
24%	7°C	6°C	20°C
11%	12°C	11°C	20°C

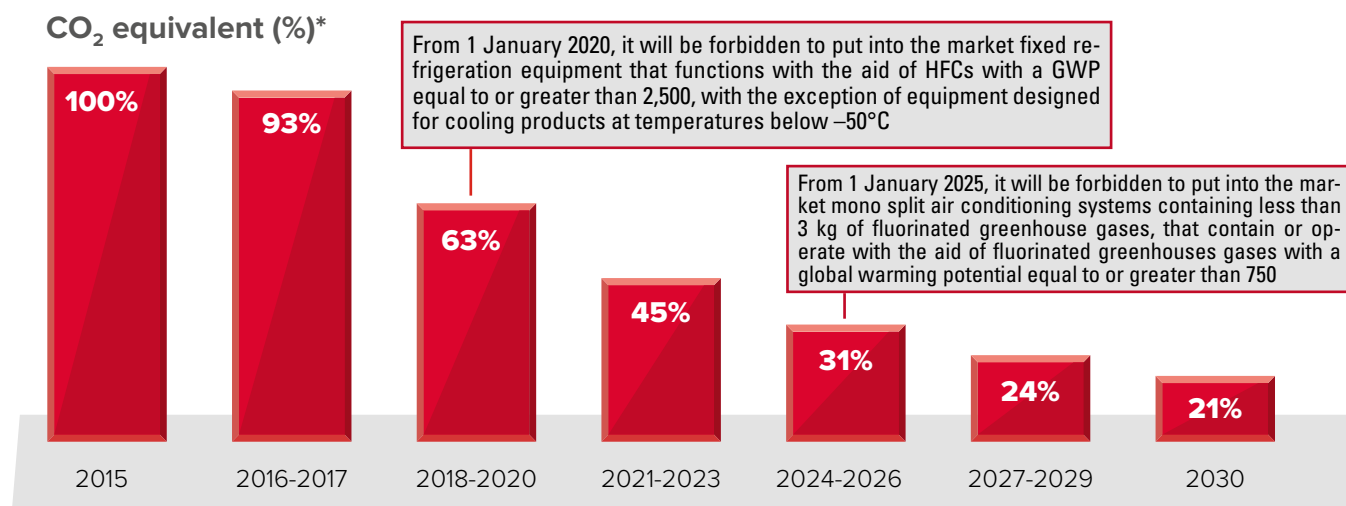
LESS AND LESS CO₂, MORE AND MORE FUTURE



On 16 April 2014, Regulation (EU) no. 517/2014 of fluorinated greenhouse gases was published on the Official Gazette of the European Union, with the aim of protecting the environment by reducing the emissions of these types of gases which, if released into the atmosphere, aggravate global warming.

Among the various points, the directive imposes quantitative limits for the putting on the market of hydrocarbons (HFCs), a special group of gases used mainly as refrigerants in air conditioning systems.

The gradual reduction in the amount of HFCs, expressed as CO₂ equivalents, is implemented through various steps, the most significant for the air conditioning sector being 1 January 2020 and 1 January 2025:



* Graph data taken from Regulation (EU) no. 517/2014

ARISTON AIR CONDITIONERS WITH R32 REFRIGERANT GAS



/ KIOS (R32)



/ ALYS R32




/ PRIOS R32

After **KIOS**, with the new **ALYS R32** and **PRIOS R32** appliances, Ariston completes its range of air conditioners with R32 refrigerant gas, anticipating Regulation no. 517/2014 which from **2025** bans the introduction on the market of the R410 refrigerant.



THE ADVANTAGES OF THE R32 REFRIGERANT COMPARED TO R410A:

- / LOWER IMPACT ON GLOBAL WARMING
- / LOWER REFRIGERANT CHARGE REQUIRED
- / FULL COMPATIBILITY WITH INSTALLATION AND MAINTENANCE OPERATIONS

REFRIGERANT GAS	GWP	ODP
R22 (HCFC)	1810	0.055
R410A (HFC mix)	2088	0
 R32 (HFC)	675	0

GWP (Global Warming Potential)

The global warming potential is an index that measures to what extent a substance impacts the greenhouse effect compared to carbon dioxide CO₂. the global warming generated by one unit of CO₂ (= 1 kg) in 100 years is taken as reference

ODP (Ozone Depletion Potential)

Indicates to what extent a chemical compound may deteriorate the ozone layer. the reference standard used is trichlorofluoromethane, which is assigned an ODP value equal to 1.0



THE PERFECT CLIMATE ALWAYS AT YOUR FINGERTIPS

Thanks to the new “Wi-Fi kit” accessories, one specifically designed for KIOS and NEVIS air conditioners and the other for ALYS R32 and PRIOS R32 appliances, the perfect Ariston climate breaks all barriers.

- / **FULL CONTROL OF THE CLIMATE AWAY FROM AND AT HOME**
- / **“ARISTON CLIMA”, THE APP DEDICATED TO SMARTPHONES AND TABLETS**
- / **WI-FI KIT FOR KIOS, NEVIS, ALYS R32 AND PRIOS R32 MODELS**



available on:



The new kit consists of a single USB flash drive which simply needs to be connected to the display board.

After the installation, all that remains is to configure the **ARISTON CLIMA** app to always have the perfect climate at your fingertips.



For further information, refer to the air conditioning accessories page

After installing the “Wi-Fi kit” accessory, you can use the **Ariston app** to fully control your climate and obtain the best possible comfort every time. Easily and wherever you are, with a simple “touch”...



DOWNLOADING THE APP

Downloading the **app** and activating it is the first step to making your home's climate truly intelligent.

It is a straightforward and quick operation:

- / download the “ARISTON CLIMA” app, available for iOS and Android (you can also scan the QR code appearing on the cover of the Wi-Fi kit manual)
- / perform the guided registration, by following the instructions of the booklet
- / configure your air conditioners (you can manage **from one to five** different devices)

HOW IT WORKS

The app's interface is very straightforward and intuitive. It can be used to control the climate intelligently, both away from and at home, from your smartphone or tablet.

AWAY FROM HOME



When you are away from home, you can have full control of your appliance: manage the main functions from your smartphone/tablet, exactly as you would from a traditional remote control* of the air conditioner.



AT HOME



Even when you are at home, it is possible to check the climate control unit with the “ARISTON CLIMA” app to have the maximum comfort always at hand.



* Standard supplied



FIRST CLASS SERVICE

Ariston SERVICE model is designed to offer **efficiency and professionalism** to all its customers.

A capillary Network of Authorized Service Centers all over the world, constantly trained and updated to guarantee the highest level of competence and Know how on the complete products range, makes Ariston able to provide to all Customers a quick, competent and highly **qualified Service** to meet and satisfy the specific needs of all its customers.



GENUINE ARISTON SPARE PARTS

Genuine ARISTON Spare Parts are built and tested to maintain the best quality and reliability of your Ariston product. Only using genuine components you will keep your system in the best standard configuration, fulfilling legal and warranty requirements.

To keep your Ariston product working efficiently and safely we strongly recommend to get your appliance serviced every year, requiring always new **Genuine Ariston Parts** and recommended Ariston products for system cleaning. Only genuine parts give you the high safety standard always guarantee by Ariston products design.



PEACE OF MIND VALUABLE SERVICE

You can rest assured that you extend the life and the safety of your product and that in case of any event it will be dealt quickly and with professionalism.

The Service Packages including extended warranty up to 8 years can be purchased from all authorized **Ariston Service Centres**.

Ariston Service Packages are offered to cover all customers needs.

Full Service Pack* for new products to cover any maintenance job and warranty cases starting from the expiration of standard warranty.

Second life Pack* for already out of warranty products. You will have your product renew by a FULL CHECK UP to let second life start.

** For boiler up to 35Kw only.*





CHOOSING THE RIGHT AIR CONDITIONING UNIT

The new 2018 models, all equipped with heat pumps, feature Ariston's trademark high performance combined with compact size and long service life.

The air conditioners are checked one at a time with the same conditions of use you encounter in your everyday life.

The severity of the testing guarantees our high quality standards.

PRINCIPAL TYPES OF LIVING SPACE

For a purely approximate rating of the system chosen to condition a single room, proceed as follows:

/ Multiply the m^3 of the room by "30" to obtain the necessary Watts (thermally insulated room)

/ Multiply the m^3 of the room by "40" to obtain the necessary Watts (thermally uninsulated room)

E.g. thermally insulated bed room:
 $5m \times 5.5m = 27.5 m^2$; x height 3m;
 volume = $82.5 m^3$, hence
 $(82.5 \times 30) = 2.475 W$.
 You therefore need an internal unit rated 2.5 kW

Rule of thumb (common case...):
 A moderately insulated room of constant height 2.7m: $m^2 \times 100 = W$

E.g. thermally insulated bed room:
 $5m \times 5m = 25 m^2$; x height 2.7m;
 hence $25 \times 100 = 2,500 W$
 You therefore need an internal unit rated 2.5 kW

Conversion table
for units of measurement

	Watt	Frig/h kcal/h	BTU/h
Watt	1	0.86	3.41
Frig/h kcal/h	1.16	1	3.98
BTU/h	0.293	0.25	1

SINGLE ROOM

1 thermally insulated room



Room $38 m^2$ x height 3m
 volume = $114 m^3 \times 30 = 3,420 W$ > **model MONO SPLIT 3,5 kW**

2 ROOM INSTALLATION

House with poor thermal insulation

external unit DUAL 55 XD0-O



Living room $30\text{m}^2 \times \text{height } 2.7\text{m}$
volume = $81\text{m}^3 \times 40 = 3,240\text{ W} > \text{internal unit } 3.5\text{ kW}$

Bed room $20\text{m}^2 \times \text{height } 2.7\text{m}$
volume = $57\text{m}^3 \times 40 = 2,160\text{ W} > \text{internal unit } 2.5\text{ kW}$

4 ROOM INSTALLATION

House with moderate thermal insulation

External unit QUAD 110 XD0-O



Rule of thumb (height 2.7m)
living room $50\text{m}^2 \times 100 = 5,000\text{ W}$
bed room 1 - $32\text{m}^2 \times 100 = 3,200\text{ W}$
bed room 2 - $20\text{m}^2 \times 100 = 2,000\text{ W}$
office $25\text{m}^2 \times 100 = 2,500\text{ W}$

> internal unit 5.0 kW
> internal unit 3.5 kW
> internal unit 2.0 kW
> internal unit 2.5 kW

5 ROOM INSTALLATION

House with moderate thermal insulation

External unit PENTA 125 XC6-O




Rule of thumb (height 2.7m)
living room $35\text{m}^2 \times 100 = 3,500\text{ W}$
bed room 1 - $32\text{m}^2 \times 100 = 3,200\text{ W}$
bed room 2 - $20\text{m}^2 \times 100 = 2,000\text{ W}$
bed room 3 - $20\text{m}^2 \times 100 = 2,000\text{ W}$
office $25\text{m}^2 \times 100 = 2,500\text{ W}$

> internal unit 3.5 kW
> internal unit 3.5 kW
> internal unit 2.0 kW
> internal unit 2.0 kW
> internal unit 2.5 kW



AIR CONDITIONING UNITS

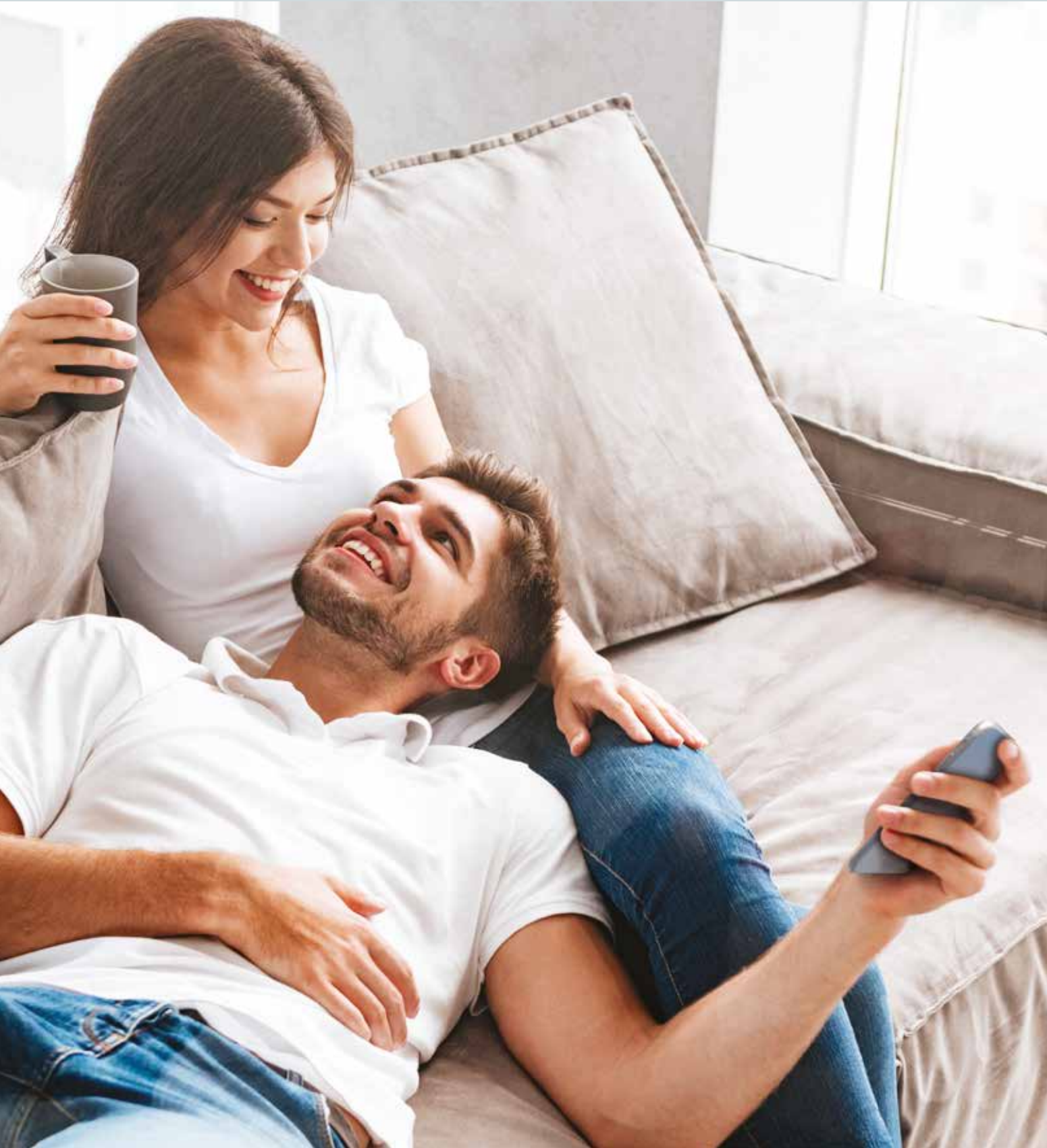


	KIOS				NEVIS*			
	25	35	DUAL	TRIAL	25	35	DUAL	TRIAL
COOLING ENERGY CLASS	A++		A++	A++	A++			
HEATING ENERGY CLASS (HOT SEASON)	A+++		A+++	A+++	A+++			
HEATING ENERGY CLASS (MODERATE SEASON)	A++		A+	A+	A+			
SEER	7,93	7,16	6,55	7,08	6,75	6,60	6,25	6,61
SCOP (HOT SEASON)	5,10	5,10	5,34	5,13	5,10	5,10	5,10	5,18
SCOP (MODERATE SEASON)	4,60	4,60	4,01	4,01	4,01	4,00	4,00	4,00
CONNECTIVITY	Optional Wi-Fi kit				Optional Wi-Fi kit			
REFRIGERANT GAS	R32 				R410A			
EASY INSTALLATION & MAINTENANCE	Yes				Yes			
INDOOR UNIT DIMENSIONS (mm)	L: 805 H: 302 P: 193	L: 805 H: 302 P: 193	Refer to the mono-compatible codes.		L: 717 H: 302 P: 193	L: 804 H: 302 P: 193	Refer to the mono-compatible codes.	
OUTDOOR UNIT DIMENSIONS (mm)	L: 800 H: 554 P: 333	L: 800 H: 554 P: 333	L: 800 H: 554 P: 333	L: 845 H: 702 P: 363	L: 770 H: 555 P: 300	L: 800 H: 554 P: 333	L: 800 H: 554 P: 333	L: 914 H: 607 P: 360
COMMERCIAL CODE	3381245	3381246	3381242	3381243	3381193	3381194	3381203	3381204
PAGE	22	23	24	25	32	33	34	35

* UNTIL STOCKS LAST



ALYS R32							PRIOS R32			ALYS PLUS*				
25	35	50	DUAL	TRIAL	QUAD	PENTA	25	35	50	25	35	50	DUAL	TRIAL
A++	A++	A++	A+	A++	A++	-	A++			A++			A+	A+
A++	A++	A+++	A++	A+++	A+++	-	A++	A++	A+++	A++			A+	A++
A+	A+	A+	A	A	A	-	A+			A+			A	A
6,6	6,1	7,1	5,93	6,13	6,25	6,1	6,6	6,1	7,1	6,12	6,10	6,40	5,60	5,92
4,9	4,64	5,2	4,94	5,13	5,2	4,95	4,9	4,64	5,2	4,77	4,60	4,80	4,15	4,63
4,01	4,01	4,09	3,88	3,84	3,9	3,56	4,01	4,01	4,09	4,01	4,04	4,30	3,80	3,8
Optional ARISTON CLIMA R32 Wi-Fi kit							Optional ARISTON CLIMA R32 Wi-Fi kit			-				
R32 							R32 			R410A				
-							-			-				
L: 805 H: 194 P: 285	L: 805 H: 194 P: 286	L: 957 H: 213 P: 302	Refer to the mono-compatible codes.				L: 805 H: 194 P: 285	L: 805 H: 194 P: 286	L: 957 H: 213 P: 302	L: 715 H: 250 P: 188	L: 800 H: 275 P: 188	L: 940 H: 275 P: 205	Refer to the mono-compatible codes.	
L: 700 H: 275 P: 550	L: 700 H: 275 P: 550	L: 800 H: 333 P: 554	L: 800 H: 554 P: 333	L: 845 H: 702 P: 363	L: 946 H: 810 P: 410	L: 946 H: 810 P: 410	L: 700 H: 275 P: 550	L: 700 H: 275 P: 550	L: 800 H: 333 P: 554	L: 770 H: 555 P: 300	L: 770 H: 555 P: 300	L: 800 H: 554 P: 333	L: 800 H: 554 P: 333	L: 914 H: 607 P: 360
3381270	3381271	3381272	3381242	3381243	3381262	3381263	3381273	3381274	3381275	3381198	3381200	3381202	3381203	3381204
41	42	43	44	45	46	47	53	54	55	59	60	61	62	63



PRODUCT DESCRIPTION

KIOS	25	U	D6	- I
model	power 25 > 2.5 kW (roughly 9,000 BTU/h) 35 > 3.5 kW (roughly 12,000 BTU/h) 50 > 5.0 kW (roughly 18,000 BTU/h) 55 > 5.5 kW (roughly 19,000 BTU/h) 70 > 7.0 kW (roughly 24,000 BTU/h) 80 > 8.0 kW (roughly 27,000 BTU/h) 110 > 11.0 kW (roughly 38,000 BTU/h) 121 > 12.1 kW (roughly 43,000 BTU/h)	type X > Multi U > Indoor multi	SCOP D6 > 4.6 D0 > 4.0 C8 > 3.8	I > indoor unit O > outdoor unit



KIOS (R32)
MONO SPLIT AND MULTI SPLIT INVERTER



KIOS

R32
REFRIGERANTEASY
INSTALLATION
& MAINTENANCEECO
FUNCTION3D
INVERTER
TECHNOLOGY

AROMATHERAPY



MEMORY



FOLLOW ME



12-SPEED FAN



ULTRA-SILENT

REFRIGERANT
LEAKAGE SENSOR

SELF-CLEANING


3DINVERTER^{DC}
PRO^{tech}


- / R32 refrigerant gas
- / Energy class up to A+++
- / Compatible with Wi-Fi kit*

- / Backlit display
- / Rotating front panel
- / Filter slides out horizontally with a single movement
- / Installation times reduced by up to 20%
- / Time required to change the electronic board reduced by up to 60%
- / Time required to replace the fan motor reduced by up to 80%
- / Auto-matching function for multi split, for correct hydraulic connection, automatically and in any situation

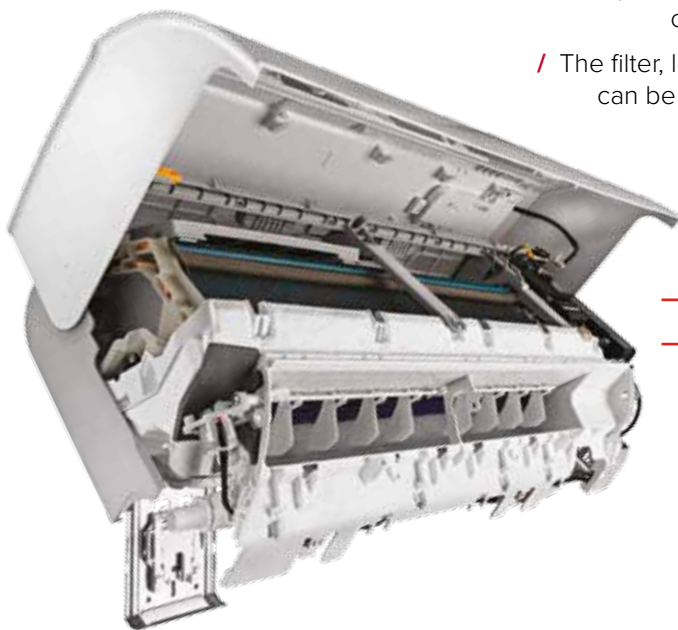
- / Modern design with glossy surface

ENERGY CLASS



* For further information, consult the complete list of accessories on page 79

/ EASY INSTALLATION & MAINTENANCE



EASY TO CLEAN

- / Easy access to the appliance interior makes cleaning operations extremely easy
- / The filter, located on the top of the appliance, can be extracted horizontally with a single movement.

EASY TO INSTALL

- / The ample space available for inserting the hooks makes it easy to fit to the template
- / The innovative rotating front panel, which can also be removed completely, facilitates access to the unit
- / Two 168 mm brackets at the back of the unit make it easy to install the tubes.

EASY TO MAINTAIN

- / The electronic board is easy to replace without having to remove the front panel
- / Replacing the fan motor has never been so quick and easy: it can be done by leaving the air conditioner on the wall.

/ R32 REFRIGERANT GAS

The R32 refrigerant gas, with a GWP equal to 675 and reduced CO₂ emissions, guarantees a low environmental impact. Moreover, thanks to its characteristics, the amount of gas to be charged in the appliance is lower compared to other refrigerants.



/ SELF-CLEANING

The self-cleaning function reverses the direction of rotation of the fan in the outdoor unit. This air flow reversal cleans any impurities from the outdoor heat exchanger, thus keeping the entire system in good working order.



/ FOLLOW ME

The Follow Me function allows you to control the temperature in real time. You can set the temperature for the room in which the remote control is kept by sending a signal with the remote itself to the air conditioner.



/ ECO

The ECO function minimises electricity consumption, enabling you to enjoy the utmost comfort while saving up to around 70% consumption. The ECO function is only available in cooling mode and is particularly effective during the night.



up to
-70%
Energy consumption



MODEL	KIOS 25 MUD6
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SEASONAL PERFORMANCE

SEER		7.93
SCOP (hot season)		5.10
SCOP (moderate season)		4.60
theoretical load ⁽¹⁾ cooling mode	kW	2.66
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	3.33
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.63
annual cooling energy consumption	kWh/year	118
annual heating energy consumption (hot season)	kWh/year	914
annual heating energy consumption (moderate season)	kWh/year	799
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	55 / 56

REFRIGERANT INFORMATION

Type		R32
GWP		675
standard charge	kg	0.65
	t CO ₂ eq.	0.44

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	2663 (1092 - 4373)
	BTU/h	9092 (3728 - 14930)
nominal heating power (min - max)	W	2625 (907 - 4171)
	BTU/h	8962 (3097 - 14240)
nominal cooling power draw (min - max)	W	695 (84 - 1252)
nominal heating power draw (min - max)	W	569 (166 - 1080)
nominal EER at 35°C		3.83
nominal COP at 7°C / COP at -7°C		4.61 / 3.33

TECHNICAL FEATURES

indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	20/27/31/37
outdoor unit maximum acoustic pressure level	dB(A)	52
indoor unit air flow rate	m ³ /h	668
outdoor unit air flow rate	m ³ /h	2000
dehumidification power	l/h	1


INSTALLATION CHARACTERISTICS

indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4"
gas pipe diameter	inches	3/8"
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	12
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30

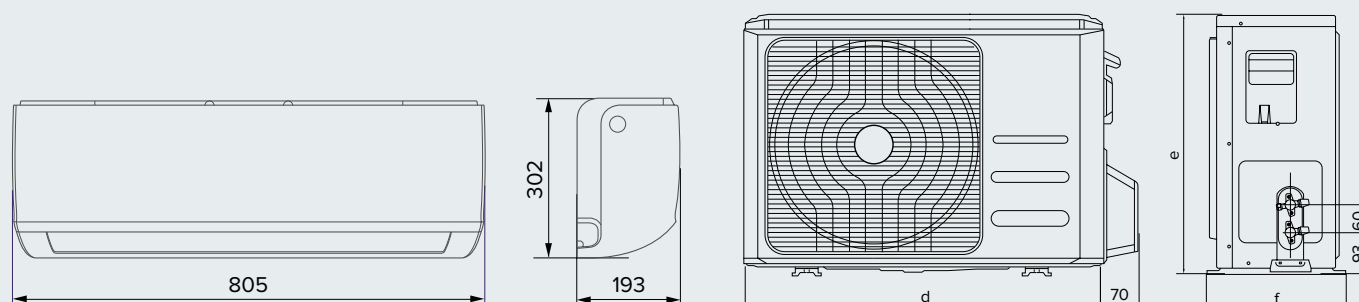
WEIGHTS AND DIMENSIONS

indoor unit dimensions	mm	805x302x193
indoor unit packaging dimensions	mm	875x285x375
weight of indoor unit (net/gross)	kg	8.2/10.9
outdoor unit dimensions	mm	800x554x333
outdoor unit packaging dimensions	mm	940x615x420
weight of outdoor unit (net/gross)	kg	29.6/32.3

MODEL	KIOS 25 MUD6
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 Cooling energy class	A++
Heating energy class (hot season)	A+++
Heating energy class (moderate season)	A++
Indoor unit code	3381239
Outdoor unit code	3381238
PRODUCT CODE (indoor unit + outdoor unit)	3381245

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66-67.

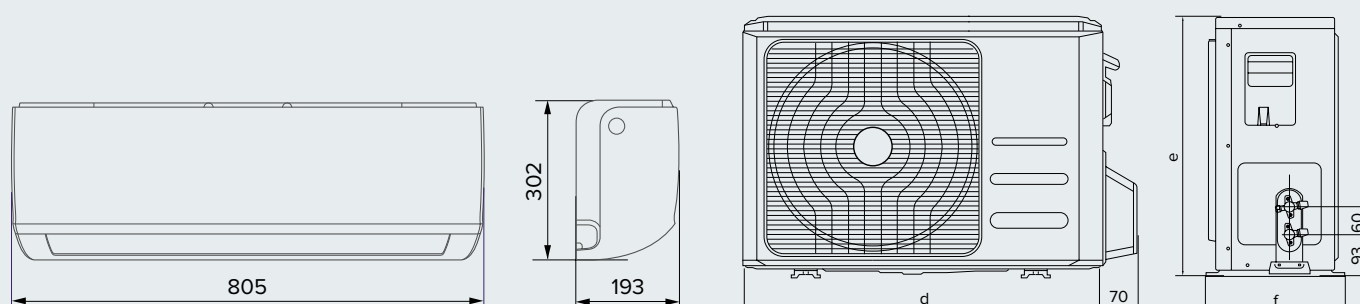


⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL		KIOS 35 MUD6
SEASONAL PERFORMANCE		
SEER		7.16
SCOP (hot season)		5.10
SCOP (moderate season)		4.60
theoretical load ⁽¹⁾ cooling mode	kW	3.38
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	3.16
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.53
annual cooling energy consumption	kWh/year	165
annual heating energy consumption (hot season)	kWh/year	866
annual heating energy consumption (moderate season)	kWh/year	770
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	55 / 60
REFRIGERANT INFORMATION		
Type		R32
GWP		675
standard charge	kg t CO ₂ eq.	0.65 0.44
POINT EFFICIENCY AND CONSUMPTION ⁽²⁾		
nominal cooling power (min - max)	W BTU/h	3376 (1076 - 4597) 11526 (3674 - 15695)
nominal heating power (min - max)	W BTU/h	2533 (948 - 4316) 8648 (3237 - 14735)
nominal cooling power draw (min - max)	W	973 (75 - 1294)
nominal heating power draw (min - max)	W	648 (162 - 1154)
nominal EER at 35°C		3.47
nominal COP at 7°C / COP at -7°C		3.91 / 3.25
TECHNICAL FEATURES		
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	24/30/35/40
outdoor unit maximum acoustic pressure level	dB(A)	53
indoor unit air flow rate	m ³ /h	649
outdoor unit air flow rate	m ³ /h	2000
dehumidification power	l/h	1.2
INSTALLATION CHARACTERISTICS		
indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4"
gas pipe diameter	inches	3/8"
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	12
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30
WEIGHTS AND DIMENSIONS		
indoor unit dimensions	mm	805x302x193
indoor unit packaging dimensions	mm	875x285x375
weight of indoor unit (net/gross)	kg	8.2/10.9
outdoor unit dimensions	mm	800x554x333
outdoor unit packaging dimensions	mm	940x615x420
weight of outdoor unit (net/gross)	kg	29.6/32.4
MODEL		KIOS 35 MUD6
	Cooling energy class	A++
	Heating energy class (hot season)	A+++
	Heating energy class (moderate season)	A++
Indoor unit code		3381241
Outdoor unit code		3381240
PRODUCT CODE (indoor unit + outdoor unit)		3381246

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL	KIOS DUAL
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SEASONAL PERFORMANCE

SEER		6.55
SCOP (hot season)		5.34
SCOP (moderate season)		4.01
theoretical load ⁽¹⁾ cooling mode	kW	4.94
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	4.95
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	4.69
annual cooling energy consumption	kWh/year	264
annual heating energy consumption (hot season)	kWh/year	1298
annual heating energy consumption (moderate season)	kWh/year	1636
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	55 / 64

REFRIGERANT INFORMATION

Type		R32
GWP		675
standard charge	kg	1.3
	t CO ₂ eq.	0.88

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W BTU/h	4940 (1259 - 5055) 16866 (4298 - 17259)
nominal heating power (min - max)	W BTU/h	4687 (1638 - 5840) 16002 (5592 - 19939)
nominal cooling power draw (min - max)	W	1529 (80 - 1939)
nominal heating power draw (min - max)	W	1196 (311 - 1878)
nominal EER at 35°C		3.23
nominal COP at 7°C / COP at -7°C		3.92 / 2.6

TECHNICAL FEATURES

	<i>indoor unit</i>	25	35
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	20/27/31/37	24/30/35/40
outdoor unit maximum acoustic pressure level	dB(A)	54	54
indoor unit air flow rate	m ³ /h	668	649
outdoor unit air flow rate	m ³ /h	2200	2200
dehumidification power	l/h	1	1.2

INSTALLATION CHARACTERISTICS

	<i>indoor unit</i>	25	35
indoor unit condensate drainage pipe position		RH/LH	RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24	IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1
recommended fuse rating	A	20	20
type of compressor		ROT	ROT
liquid pipe diameter	inches	1/4"	1/4"
gas pipe diameter	inches	3/8"	3/8"
maximum connection length with standard charge	m	2x5	2x5
maximum length of connections (single unit/total)	m	2x15 / 25	2x15 / 25
maximum height difference between indoor units	m	10	10
maximum height difference between indoor and outdoor units	m	10	10
supplementary refrigerant recharge	g/m	12	12
outdoor temperature interval in cooling mode	°C	-15/50	-15/50
outdoor temperature interval in heating mode	°C	-15/30	-15/30

WEIGHTS AND DIMENSIONS

	<i>indoor unit</i>	25	35
indoor unit dimensions	mm	805x302x193	805x302x193
indoor unit packaging dimensions	mm	875x285x375	875x285x375
weight of indoor unit (net/gross)	kg	8.2/10.9	8.2/10.9
outdoor unit dimensions	mm	800x333x554	800x333x554
outdoor unit packaging dimensions	mm	940x420x615	940x420x615
weight of outdoor unit (net/gross)	kg	36/39	36/39

MODEL	KIOS DUAL 50 XD0-O
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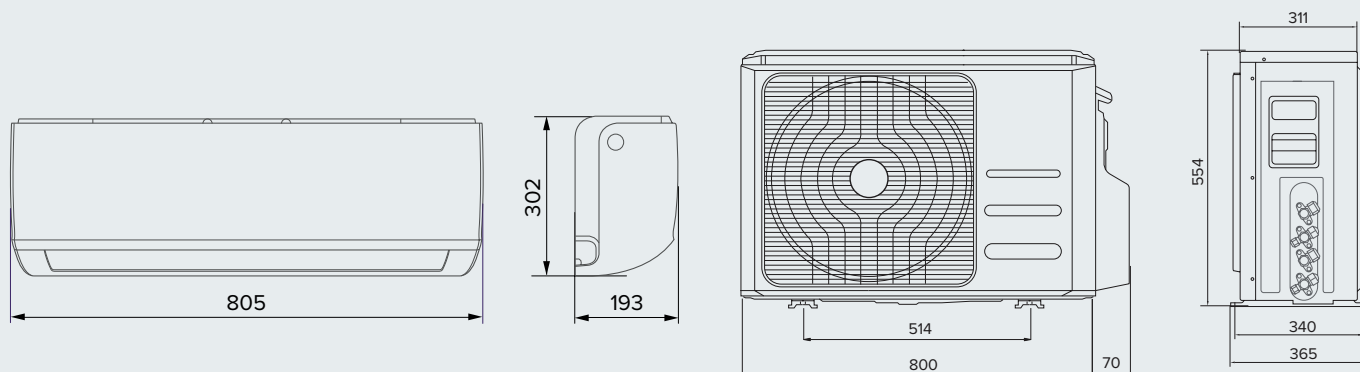
	Cooling energy class	A++
	Heating energy class (hot season)	A+++
	Heating energy class (moderate season)	A+

KIOS	25 UD6-I	35 UD6-I
Indoor unit code	3381239	3381241

KIOS OUTDOOR UNIT	DUAL 50 XD0-O
Outdoor unit code	3381242

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

Electronic expansion valve included



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL	KIOS TRIAL	
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SEASONAL PERFORMANCE

SEER		7.08
SCOP (hot season)		5.13
SCOP (moderate season)		4.01
theoretical load ⁽¹⁾ cooling mode	kW	7.78
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	5.98
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	5.81
annual cooling energy consumption	kWh/year	385
annual heating energy consumption (hot season)	kWh/year	1630
annual heating energy consumption (moderate season)	kWh/year	2030
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	55 / 66

REFRIGERANT INFORMATION

Type		R32
GWP		675
standard charge	kg	1.57
	t CO ₂ eq.	1.06

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W BTU/h	7784 (2278 - 8293) 26576 (7777 - 28313)
nominal heating power (min - max)	W BTU/h	5812 (1657 - 9057) 19843 (5657 - 30922)
nominal cooling power draw (min - max)	W	2402 (141 - 2833)
nominal heating power draw (min - max)	W	1571 (322 - 2780)
nominal EER at 35°C		3.24
nominal COP at 7°C / COP at -7°C		3.7 / 2.67

TECHNICAL FEATURES

	<i>indoor unit</i>	25	35
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	20/27/31/37	24/30/35/40
outdoor unit maximum acoustic pressure level	dB(A)	56	56
indoor unit air flow rate	m ³ /h	668	649
outdoor unit air flow rate	m ³ /h	2700	2700
dehumidification power	l/h	1	1.2

INSTALLATION CHARACTERISTICS

	<i>indoor unit</i>	25	35
indoor unit condensate drainage pipe position		RH/LH	RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24	IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1
recommended fuse rating	A	20	20
type of compressor		TWIN ROT	TWIN ROT
liquid pipe diameter	inches	1/4"	1/4"
gas pipe diameter	inches	3/8"	3/8"
maximum connection length with standard charge	m	3x5	3x5
maximum length of connections (single unit/total)	m	3x15 / 45	3x15 / 45
maximum height difference between indoor units	m	10	10
maximum height difference between indoor and outdoor units	m	10	10
supplementary refrigerant recharge	g/m	12	12
outdoor temperature interval in cooling mode	°C	-15/50	-15/50
outdoor temperature interval in heating mode	°C	-15/30	-15/30

WEIGHTS AND DIMENSIONS

	<i>indoor unit</i>	25	35
indoor unit dimensions	mm	805x302x193	805x302x193
indoor unit packaging dimensions	mm	875x285x375	875x285x375
weight of indoor unit (net/gross)	kg	8.2/10.9	8.2/10.9
outdoor unit dimensions	mm	845x363x702	845x363x702
outdoor unit packaging dimensions	mm	985x435x760	985x435x760
weight of outdoor unit (net/gross)	kg	53/56.5	53/56.5

MODEL	KIOS TRIAL 80 XD0C-O	
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	Cooling energy class	A++
	Heating energy class (hot season)	A+++
	Heating energy class (moderate season)	A+

KIOS	25 UD6-I	35 UD6-I
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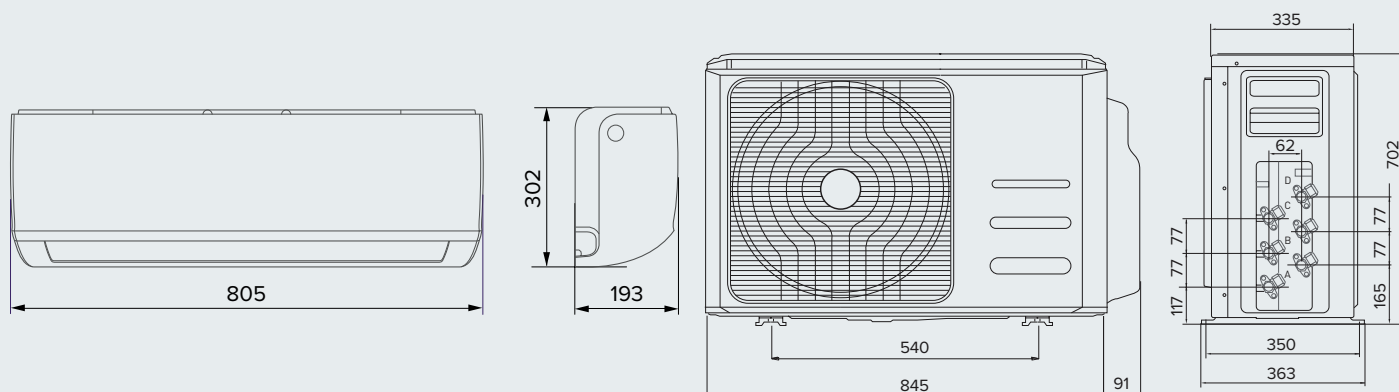
Indoor unit code	3381239	3381241
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KIOS OUTDOOR UNIT	TRIAL 80 XD0C-O
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Outdoor unit code	3381243
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For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

Electronic expansion valve included



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MULTI SPLIT SOLUTIONS: WHICH COMBINATIONS TO CHOOSE

KIOS 25	KIOS 35
DUAL	
••	
•	•
	••
TRIAL	
•••	
••	•
•	••
	•••

KIOS PERFORMANCES

Combination [kW]				Nominal power of the individual units [kW]			Total power [kW]			Total power draw [kW]		
KIOS DUAL	unit 1		unit 2	unit 1		unit 2	min	nominal	max	min	nominal	max
COOLING	2.5		2.5	2.47		2.47	2.07	4.94	5.06	0.64	1.53	1.80
	2.5		3.5	2.20		3.08	2.22	5.28	5.49	0.72	1.72	2.03
	3.5		3.5	2.78		2.78	2.34	5.57	5.92	0.80	1.91	2.26
HEATING	2.5		2.5	2.82		2.82	2.36	5.63	5.64	0.60	1.44	1.80
	2.5		3.5	2.46		3.44	2.48	5.90	6.02	0.68	1.62	2.03
	3.5		3.5	3.04		3.04	2.55	6.07	6.39	0.76	1.81	2.26
KIOS TRIAL	unit 1	unit 2	unit 3	unit 1	unit 2	unit 3	min	nominal	max	min	nominal	max
COOLING	2.5	2.5	2.5	2.59	2.59	2.59	3.27	7.78	8.29	1.01	2.40	2.83
	2.5	2.5	3.5	2.34	2.34	3.28	3.34	7.96	8.37	1.07	2.54	3.00
	2.5	3.5	3.5	2.13	2.99	2.99	3.41	8.11	8.44	1.13	2.68	3.16
	3.5	3.5	3.5	2.74	2.74	2.74	3.45	8.23	8.51	1.18	2.82	3.33
HEATING	2.5	2.5	2.5	2.74	2.74	2.74	3.46	8.23	9.06	0.93	2.22	2.62
	2.5	2.5	3.5	2.52	2.52	3.53	3.60	8.58	9.19	1.01	2.41	2.85
	2.5	3.5	3.5	2.33	3.27	3.27	3.73	8.87	9.32	1.09	2.60	3.07
	3.5	3.5	3.5	3.04	3.04	3.04	3.82	9.11	9.46	1.17	2.80	3.30



PRODUCT DESCRIPTION

NEVIS		25	U	D0	- I
model	power	type		SCOP	I > indoor unit
	25 > 2.5 kW (roughly 9,000 BTU/h)	X > Multi		D6 > 4.6	O > outdoor unit
	35 > 3.5 kW (roughly 12,000 BTU/h)	U > Indoor multi		D0 > 4.0	
	50 > 5.0 kW (roughly 18,000 BTU/h)			C8 > 3.8	
	55 > 5.5 kW (roughly 19,000 BTU/h)				
	70 > 7.0 kW (roughly 24,000 BTU/h)				
	80 > 8.0 kW (roughly 27,000 BTU/h)				
	110 > 11.0 kW (roughly 38,000 BTU/h)				
	121 > 12.1 kW (roughly 43,000 BTU/h)				



NEVIS (R410)
MONO SPLIT AND MULTI SPLIT INVERTER



NEVIS



3D INVERTER^{DC}
PRO^{tech}



UNTIL STOCKS LAST

- / Energy class up to A+++
- / Compatible with Wi-Fi kit*
- / Backlit display
- / Rotating front panel
- / Elegant sanded surface finish
- / Filter slides out horizontally with a single movement

ENERGY CLASS



- / Installation times reduced by up to 20%
- / Time required to change the electronic board reduced by up to 60%
- / Time required to replace the fan motor reduced by up to 80%
- / Auto-matching function for multi split, for correct hydraulic connection, automatically and in any situation

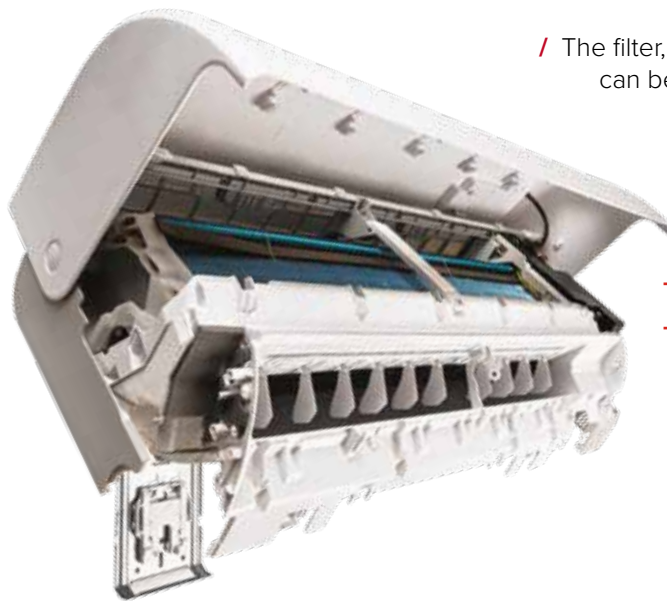
- / Awarded the prize for "product with the best design 2015" by the Japan Promotion Organisation

 **GOOD DESIGN
AWARD 2015**



* For further information, consult the complete list of accessories on page 79

/ EASY INSTALLATION & MAINTENANCE



EASY TO CLEAN

- / Easy access to the appliance interior makes cleaning operations extremely easy
- / The filter, located on the top of the appliance, can be extracted horizontally with a single movement.

EASY TO INSTALL

- / The ample space available for inserting the hooks makes it easy to fit to the template
- / The innovative rotating front panel, which can also be removed completely, facilitates access to the unit
- / Two 168 mm brackets at the back of the unit make it easy to install the tubes.

EASY TO MAINTAIN

- / The electronic board is easy to replace without having to remove the front panel
- / Replacing the fan motor has never been so quick and easy: it can be done by leaving the air conditioner on the wall.

/ ECO

The ECO function minimises electricity consumption, enabling you to enjoy the utmost comfort while saving up to around 70% consumption. The ECO function is only available in cooling mode and is particularly effective during the night.



up to
-70%
Energy consumption



/ SELF-CLEANING

The self-cleaning function reverses the direction of rotation of the fan in the outdoor unit. This air flow reversal cleans any impurities from the outdoor heat exchanger, thus keeping the entire system in good working order.



/ FOLLOW ME

The Follow Me function allows you control the temperature in real time. You can set the temperature for the room in which the remote control is kept by sending a signal with the remote itself to the air conditioner.



/ MEMORY

This function enables you to set and save both the temperature and the fan speed (as well as the sleep function, if enabled) to optimise comfort when the unit is next switched on.



MODEL

NEVIS 25 MUDO

UNTIL STOCKS LAST

SEASONAL PERFORMANCE

SEER		6.75
SCOP (hot season)		5.10
SCOP (moderate season)		4.01
theoretical load ⁽¹⁾ cooling mode	kW	2.55
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	3.00
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.31
annual cooling energy consumption	kWh/year	132
annual heating energy consumption (hot season)	kWh/year	824
annual heating energy consumption (moderate season)	kWh/year	806
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	54 / 59

REFRIGERANT INFORMATION

Type		R410A
GWP		2088
standard charge	kg	0.8
	t. CO ₂ eq.	1.67

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	2547 (1113 - 3234)
	BTU/h	8700 (3802 - 11047)
nominal heating power (min - max)	W	2308 (815 - 3741)
	BTU/h	7884 (2784 - 12779)
nominal cooling power draw (min - max)	W	743 (109 - 1198)
nominal heating power draw (min - max)	W	622 (170 - 1073)
nominal EER at 35°C		3.43
nominal COP at 7°C / COP at -7°C		3.71 / 2.77

TECHNICAL FEATURES

indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	20/28/33/39
outdoor unit maximum acoustic pressure level	dB(A)	54
indoor unit air flow rate	m ³ /h	549
outdoor unit air flow rate	m ³ /h	1900
dehumidification power	l/h	1

INSTALLATION CHARACTERISTICS

indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4"
gas pipe diameter	inches	3/8"
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	15
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30

WEIGHTS AND DIMENSIONS

indoor unit dimensions	mm	717x302x193
indoor unit packaging dimensions	mm	785x285x375
weight of indoor unit (net/gross)	kg	7.0/9.3
outdoor unit dimensions	mm	770x555x340
outdoor unit packaging dimensions	mm	900x615x348
weight of outdoor unit (net/gross)	kg	26.6/29

MODEL

NEVIS 25 MUDO



Cooling energy class
Heating energy class (hot season)
Heating energy class (moderate season)

A++
A+++
A+

Indoor unit code

3381185

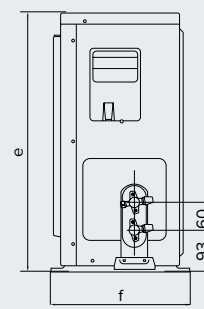
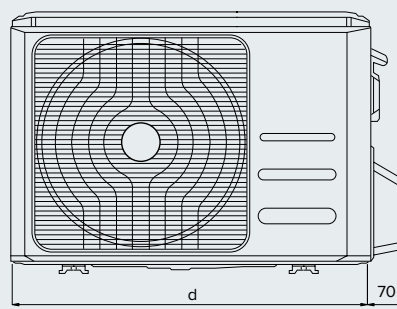
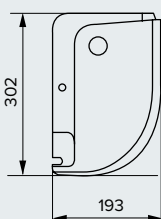
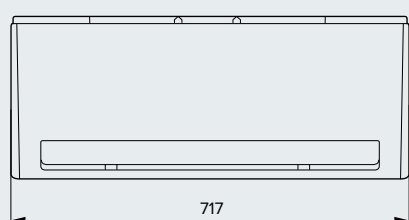
Outdoor unit code

3381182

PRODUCT CODE (indoor unit + outdoor unit)


3381193

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

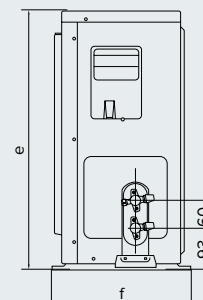
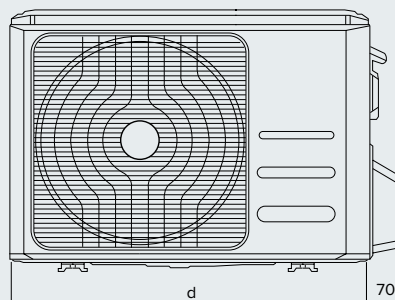
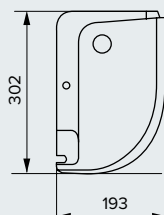
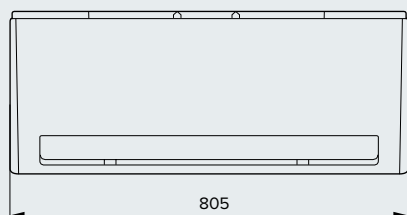


⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL		NEVIS 35 MUDO
UNTIL STOCKS LAST		
SEASONAL PERFORMANCE		
SEER		6.60
SCOP (hot season)		5.10
SCOP (moderate season)		4.00
theoretical load ⁽¹⁾ cooling mode	kW	3.40
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	2.85
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.53
annual cooling energy consumption	kWh/year	180
annual heating energy consumption (hot season)	kWh/year	782
annual heating energy consumption (moderate season)	kWh/year	884
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	54 / 60
REFRIGERANT INFORMATION		
Type		R410A
GWP		2088
standard charge	kg	0.95
	t. CO ₂ eq.	1.98
POINT EFFICIENCY AND CONSUMPTION ⁽²⁾		
nominal cooling power (min - max)	W	3397 (1275 - 4000)
	BTU/h	11604 (4355 - 13664)
nominal heating power (min - max)	W	2527 (874 - 4046)
	BTU/h	8632 (2986 - 13821)
nominal cooling power draw (min - max)	W	1180 (119 - 1300)
nominal heating power draw (min - max)	W	741 (184 - 1190)
nominal EER at 35°C		2.88
nominal COP at 7°C / COP at -7°C		3.41 / 2.79
TECHNICAL FEATURES		
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	22/32/38/41
outdoor unit maximum acoustic pressure level	dB(A)	53
indoor unit air flow rate	m ³ /h	644
outdoor unit air flow rate	m ³ /h	2000
dehumidification power	l/h	1.2
INSTALLATION CHARACTERISTICS		
indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4"
gas pipe diameter	inches	3/8"
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	15
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30
WEIGHTS AND DIMENSIONS		
indoor unit dimensions	mm	805x302x193
indoor unit packaging dimensions	mm	875x285x375
weight of indoor unit (net/gross)	kg	7.7/10.2
outdoor unit dimensions	mm	800x554x340
outdoor unit packaging dimensions	mm	940x615x420
weight of outdoor unit (net/gross)	kg	29.1/31.9
MODEL		NEVIS 35 MUDO
	Cooling energy class	A++
	Heating energy class (hot season)	A+++
	Heating energy class (moderate season)	A+
Indoor unit code		3381183
Outdoor unit code		3381184
PRODUCT CODE (indoor unit + outdoor unit)		3381194

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL	NEVIS DUAL
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UNTIL STOCKS LAST

SEASONAL PERFORMANCE ⁽³⁾

SEER		6.25
SCOP (hot season)		5.10
SCOP (moderate season)		4.00
theoretical load ⁽¹⁾ cooling mode	kW	5.17
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	4.80
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	4.53
annual cooling energy consumption	kWh/year	290
annual heating energy consumption (hot season)	kWh/year	1317
annual heating energy consumption (moderate season)	kWh/year	1584
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	54 / 64.7

REFRIGERANT INFORMATION

Type		R410A
GWP		2088
standard charge	kg	1.7
	t. CO ₂ eq.	3.550

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W BTU/h	5173 (1338 - 5535) 17671 (4571 - 18908)
nominal heating power (min - max)	W BTU/h	4527 (1641 - 5840) 15464 (5606 - 19949)
nominal cooling power draw (min - max)	W	1834 (101 - 2162)
nominal heating power draw (min - max)	W	1244 (270 - 1878)
nominal EER at 35°C		2.82
nominal COP at 7°C / COP at -7°C		3.64 / 2.46

TECHNICAL FEATURES

indoor unit acoustic pressure level (silence/min/med/max)	indoor unit dB(A)	25 20/28/33/39	35 22/32/38/41
outdoor unit maximum acoustic pressure level	dB(A)	576	576
indoor unit air flow rate	m ³ /h	549	644
outdoor unit air flow rate	m ³ /h	2100	2100
dehumidification power	l/h	1	1.2

INSTALLATION CHARACTERISTICS

indoor unit condensate drainage pipe position	indoor unit	25	35
indoor / outdoor unit IP rating		RH/LH IPX0 / IP24	RH/LH IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1
recommended fuse rating	A	20	20
type of compressor		ROT	ROT
liquid pipe diameter	inches	1/4"	1/4"
gas pipe diameter	inches	3/8"	3/8"
maximum connection length with standard charge	m	2x5	2x5
maximum length of connections (single unit/total)	m	2x15 / 20	2x15 / 20
maximum height difference between indoor units	m	10	10
maximum height difference between indoor and outdoor units	m	15	15
supplementary refrigerant recharge	g/m	15	15
outdoor temperature interval in cooling mode	°C	-15/50	-15/50
outdoor temperature interval in heating mode	°C	-15/30	-15/30

WEIGHTS AND DIMENSIONS

indoor unit dimensions	indoor unit	25	35
indoor unit packaging dimensions	mm	717x302x193	805x302x193
weight of indoor unit (net/gross)	mm	785x285x375	875x285x375
outdoor unit dimensions	kg	7.0/9.3	7.7/10.2
outdoor unit packaging dimensions	mm	800x554x333	800x554x333
weight of outdoor unit (net/gross)	mm	940x615x420	940x615x420
	kg	36/39	36/39

MODEL	NEVIS DUAL 55 XD0B-O
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Cooling energy class
Heating energy class (hot season)
Heating energy class (moderate season)

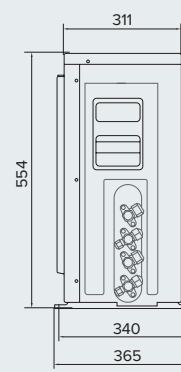
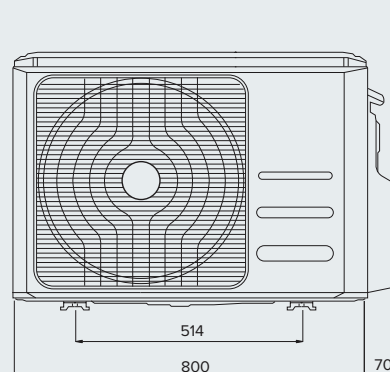
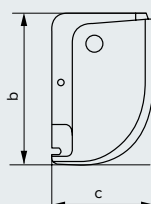
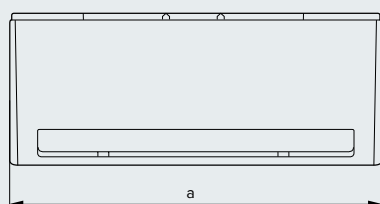
A++
A++
A+

NEVIS	25 UD0-I	35 UD0-I
Indoor unit code	3381185	3381183
NEVIS OUTDOOR UNIT		DUAL 55 XD0B-O
Outdoor unit code		3381203

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

Electronic expansion valve included

MOD.	A	B	C
NEVIS 25	716	300	193
NEVIS 35	804	300	193



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

⁽³⁾ relative to combinations with (2x) NEVIS 25 UD0-I indoor unit

MODEL	NEVIS TRIAL
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UNTIL STOCKS LAST

SEASONAL PERFORMANCE

SEER		6.61
SCOP (hot season)		5.18
SCOP (moderate season)		4.00
theoretical load ⁽¹⁾ cooling mode	kW	7.46
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	6.09
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	5.75
annual cooling energy consumption	kWh/year	373
annual heating energy consumption (hot season)	kWh/year	1645
annual heating energy consumption (moderate season)	kWh/year	2013
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	54/68.2

REFRIGERANT INFORMATION

Type		R410A
GWP		2088
standard charge	kg	2.1
	t. CO ₂ eq.	4.385

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	7050 (2297 - 7930)
	BTU/h	24083 (7847 - 27089)
nominal heating power (min - max)	W	5747 (1607 - 8905)
	BTU/h	19632 (5490 - 30420)
nominal cooling power draw (min - max)	W	2183 (162 - 3037)
nominal heating power draw (min - max)	W	1549 (286 - 2747)
nominal EER at 35°C		3.23
nominal COP at 7°C / COP at -7°C		3.71 / 2.71

TECHNICAL FEATURES

indoor unit acoustic pressure level (silence/min/med/max)	indoor unit	25	35
	dB(A)	20/28/33/39	22/32/38/41
outdoor unit maximum acoustic pressure level	dB(A)	57.5	57.5
indoor unit air flow rate	m ³ /h	549	644
outdoor unit air flow rate	m ³ /h	3500	3500
dehumidification power	l/h	1	1.2

INSTALLATION CHARACTERISTICS

indoor unit condensate drainage pipe position	indoor unit	25	35
indoor / outdoor unit IP rating		RH/LH	RH/LH
power supply and number of phases	Hz - V - Ph	IPX0 / IP24	IPX0 / IP24
recommended fuse rating	A	50-230-1	50-230-1
type of compressor		30	30
liquid pipe diameter	inches	TWIN ROT	TWIN ROT
gas pipe diameter	inches	1/4"	1/4"
maximum connection length with standard charge	m	3/8"	3/8"
maximum length of connections (single unit/total)	m	3x5	3x5
maximum height difference between indoor units	m	3x15 / 25	3x15 / 25
maximum height difference between indoor and outdoor units	m	10	10
supplementary refrigerant recharge	g/m	15	15
outdoor temperature interval in cooling mode	°C	-15/50	-15/50
outdoor temperature interval in heating mode	°C	-15/30	-15/30

WEIGHTS AND DIMENSIONS

indoor unit dimensions	indoor unit	25	35
indoor unit packaging dimensions	mm	717x302x193	805x302x193
weight of indoor unit (net/gross)	mm	785x285x375	875x285x375
outdoor unit dimensions	kg	7.0/9.3	7.7/10.2
outdoor unit packaging dimensions	mm	845x363x702	845x363x702
weight of outdoor unit (net/gross)	mm	985x760x435	985x760x435
	kg	52.7/56.1	52.7/56.1

MODEL	NEVIS TRIAL 80 XD0B-O
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Cooling energy class
Heating energy class (hot season)
Heating energy class (moderate season)

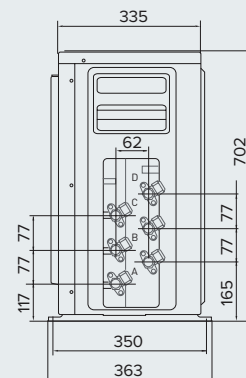
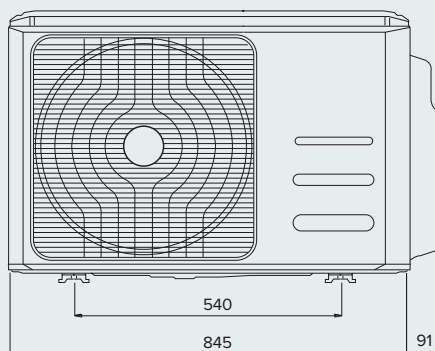
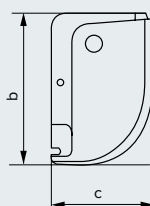
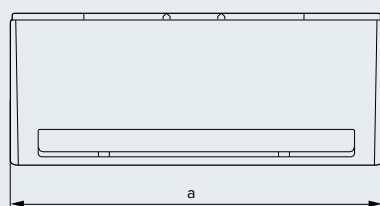
A++
A++
A+

NEVIS	25 UD0-I	35 UD0-I
Indoor unit code	3381185	3381183
NEVIS OUTDOOR UNIT		TRIAL 80 XD0B-O
Outdoor unit code		3381204

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

Electronic expansion valve included

MOD.	A	B	C
NEVIS 25	716	300	193
NEVIS 35	804	300	193



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MULTI SPLIT SOLUTIONS: WHICH COMBINATIONS TO CHOOSE

NEVIS 25	NEVIS 35
DUAL	
••	
•	•
	••
TRIAL	
•••	
••	•
•	••
	•••

NEVIS PERFORMANCE

Combination [kW]				Nominal power of the individual units [kW]			Total power [kW]			Total power draw [kW]		
NEVIS DUAL	unit 1		unit 2	unit 1		unit 2	min	nominal	max	min	nominal	max
COOLING	2.5		2.5	2.59		2.59	2.17	5.17	5.54	0.77	1.83	2.16
	2.5		3.5	2.24		3.14	2.26	5.39	5.71	0.82	1.95	2.20
	3.5		3.5	2.79		2.79	2.35	5.59	5.92	0.87	2.06	2.23
HEATING	2.5		2.5	2.74		2.74	2.30	5.47	5.84	0.63	1.50	1.88
	2.5		3.5	2.41		3.38	2.43	5.79	6.09	0.71	1.69	1.99
	3.5		3.5	3.01		3.01	2.53	6.03	6.39	0.79	1.87	2.11
NEVIS TRIAL	unit 1	unit 2	unit 3	unit 1	unit 2	unit 3	min	nominal	max	min	nominal	max
COOLING	2.5	2.5	2.5	2.35	2.35	2.35	2.96	7.05	7.93	0.92	2.18	2.57
	2.5	2.5	3.5	2.20	2.20	3.08	3.14	7.48	8.09	1.01	2.40	2.76
	2.5	3.5	3.5	2.07	2.90	2.90	3.30	7.87	8.25	1.10	2.63	2.95
	3.5	3.5	3.5	2.73	2.73	2.73	3.44	8.20	8.41	1.20	2.85	3.13
HEATING	2.5	2.5	2.5	2.79	2.79	2.79	3.51	8.36	8.91	0.95	2.25	2.66
	2.5	2.5	3.5	2.55	2.55	3.57	3.64	8.67	9.07	1.03	2.44	2.81
	2.5	3.5	3.5	2.35	3.29	3.29	3.75	8.92	9.24	1.10	2.63	2.95
	3.5	3.5	3.5	3.04	3.04	3.04	3.82	9.11	9.41	1.18	2.82	3.10



PRODUCT DESCRIPTION

ALYS R32	25	U	D0	- I
model	power 25 > 2.5 kW (roughly 9,000 BTU/h) 35 > 3.5 kW (roughly 12,000 BTU/h) 50 > 5.0 kW (roughly 18,000 BTU/h) 55 > 5.5 kW (roughly 19,000 BTU/h) 70 > 7.0 kW (roughly 24,000 BTU/h) 80 > 8.0 kW (roughly 27,000 BTU/h) 110 > 11.0 kW (roughly 38,000 BTU/h) 121 > 12.1 kW (roughly 43,000 BTU/h)	type X > Multi U > Indoor multi	SCOP D6 > 4.6 D0 > 4.0 C8 > 3.8	I > indoor unit O > outdoor unit



ARISTON



ALYS R32
MONO SPLIT AND MULTI SPLIT INVERTER



ALYS R32



2D INVERTER^{DC}
PRO^{tech}

- / R32 refrigerant gas
- / Energy class up to A++*
- / 2D INVERTER technology*
- / Compatible with ARISTON CLIMA R32 Wi-Fi kit**
- / Memory function
- / BOOSTER function
- / Refrigerant leakage sensor
- / SELF-CLEANING function
- / Auto-matching function for multi split, for correct hydraulic connection, automatically and in any situation

ENERGY CLASS



* Models 50 up to Class A+++ and with 3D technology
** For further information, consult the complete list of accessories on page 79



/ R32 REFRIGERANT R32

The R32 refrigerant gas, with a GWP equal to 675 and reduced CO₂ emissions, guarantees a low environmental impact. Moreover, thanks to its characteristics, the amount of gas to be charged in the appliance is lower compared to other refrigerants.



/ SELF-CLEANING

The self-cleaning function reverses the direction of rotation of the fan in the outdoor unit. This air flow reversal cleans any impurities from the outdoor heat exchanger, thus keeping the entire system in good working order.



/ MEMORY

This function enables you to set and save both the temperature and the fan speed (as well as the sleep function, if enabled) to optimise comfort when the unit is next switched on.




/ FOLLOW ME

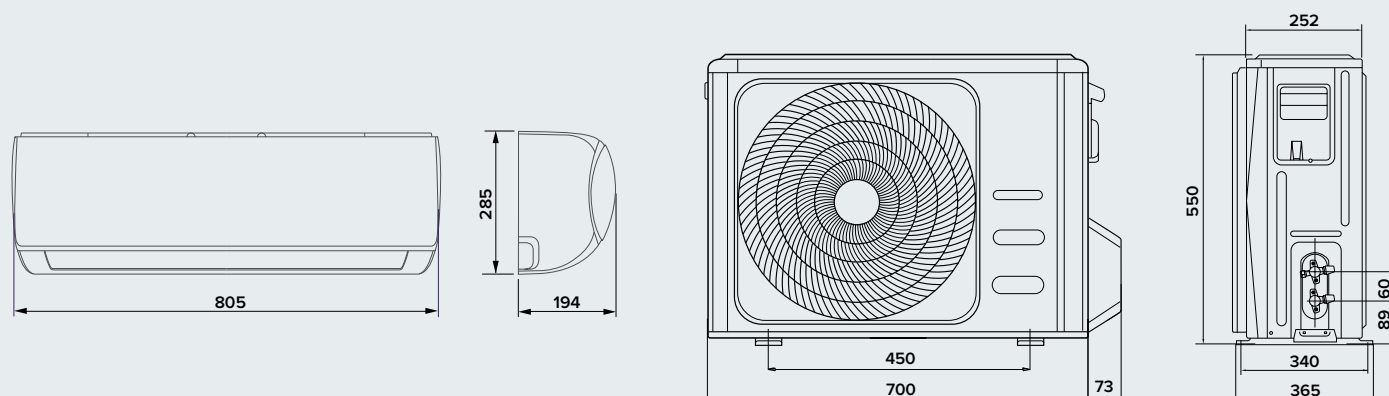
The Follow Me function allows you control the temperature in real time. You can set the temperature for the room in which the remote control is kept by sending a signal with the remote itself to the air conditioner.



MODEL		ALYS R32 25 MUDO
SEASONAL PERFORMANCE		
SEER		6.6
SCOP (hot season)		4.9
SCOP (moderate season)		4
theoretical load ⁽¹⁾ cooling mode	kW	2.6
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	2.654
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.15
annual cooling energy consumption	kWh/year	151
annual heating energy consumption (hot season)	kWh/year	756
annual heating energy consumption (moderate season)	kWh/year	762
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	52 / 61
REFRIGERANT INFORMATION		
Type		R32
GWP		675
standard charge	kg	0.5
	t CO ₂ eq.	0.3375
POINT EFFICIENCY AND CONSUMPTION ⁽²⁾		
nominal cooling power (min - max)	W	2854 (909 - 3400)
	BTU/h	9744 (3103 - 11608)
nominal heating power (min - max)	W	2150 (821 - 3370)
	BTU/h	7340 (2803 - 11505)
nominal cooling power draw (min - max)	W	784 (100 - 1240)
nominal heating power draw (min - max)	W	570 (120 - 1200)
nominal EER at 35°C		3.64
nominal COP at 7°C / COP at -7°C		3.77 / 2.99
TECHNICAL FEATURES		
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/27/31/36
outdoor unit maximum acoustic pressure level	dB(A)	55
indoor unit air flow rate	m ³ /h	587
outdoor unit air flow rate	m ³ /h	2000
dehumidification power	l/h	1
INSTALLATION CHARACTERISTICS		
indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4
gas pipe diameter	inches	3/8
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	12
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30
WEIGHTS AND DIMENSIONS		
indoor unit dimensions	mm	805x194x285
indoor unit packaging dimensions	mm	870x270x360
weight of indoor unit (net/gross)	kg	7.5/9.7
outdoor unit dimensions	mm	700x275x550
outdoor unit packaging dimensions	mm	815x325x615
weight of outdoor unit (net/gross)	kg	22.7/25.2


MODEL		ALYS R32 25 MUDO
	Cooling energy class	A++
	Heating energy class (hot season)	A++
	Heating energy class (moderate season)	A+
Indoor unit code		3381251
Outdoor unit code		3381259
PRODUCT CODE (indoor unit + outdoor unit)		3381270

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

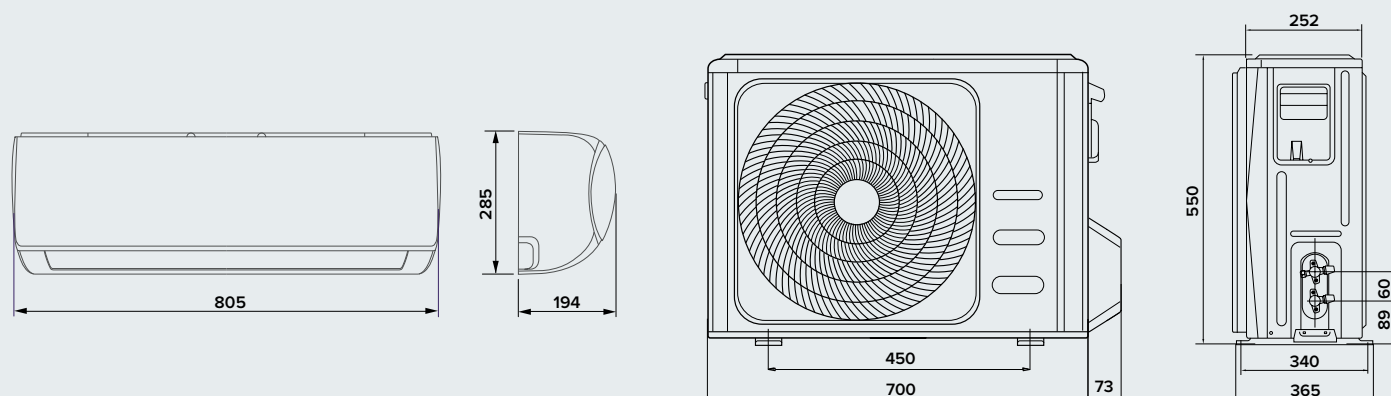


⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL		ALYS R32 35 MUDO
SEASONAL PERFORMANCE		
SEER		6.1
SCOP (hot season)		4.64
SCOP (moderate season)		4
theoretical load ⁽¹⁾ cooling mode	kW	3.502
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	2.728
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.4
annual cooling energy consumption	kWh/year	2014
annual heating energy consumption (hot season)	kWh/year	823
annual heating energy consumption (moderate season)	kWh/year	841
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	53 / 64
REFRIGERANT INFORMATION		
Type		R32
GWP		675
standard charge	kg t CO ₂ eq.	0.5 0.3375
POINT EFFICIENCY AND CONSUMPTION ⁽²⁾		
nominal cooling power (min - max)	W BTU/h	3500 (1114 - 4162) 11949 (3803 - 14209)
nominal heating power (min - max)	W BTU/h	2400 (1085 - 4220) 8194 (3704 - 14407)
nominal cooling power draw (min - max)	W	1140 (130 - 1580)
nominal heating power draw (min - max)	W	638 (135 - 1580)
nominal EER at 35°C		3.07
nominal COP at 7°C / COP at -7°C		3.76 / 2.95
TECHNICAL FEATURES		
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	22/27/33/39
outdoor unit maximum acoustic pressure level	dB(A)	58
indoor unit air flow rate	m ³ /h	527
outdoor unit air flow rate	m ³ /h	2000
dehumidification power	l/h	1.2
INSTALLATION CHARACTERISTICS		
indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4
gas pipe diameter	inches	3/8
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	12
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30
WEIGHTS AND DIMENSIONS		
indoor unit dimensions	mm	805x194x285
indoor unit packaging dimensions	mm	870x270x360
weight of indoor unit (net/gross)	kg	7.5/9.7
outdoor unit dimensions	mm	700x275x550
outdoor unit packaging dimensions	mm	815x325x615
weight of outdoor unit (net/gross)	kg	22.7/25.2
MODEL		ALYS R32 35 MUDO
	Cooling energy class	A++
	Heating energy class (hot season)	A++
	Heating energy class (moderate season)	A+
Indoor unit code		3381252
Outdoor unit code		3381260
PRODUCT CODE (indoor unit + outdoor unit)		3381271

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL	ALYS R32 50 MUDO
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SEASONAL PERFORMANCE

SEER		71
SCOP (hot season)		5.2
SCOP (moderate season)		4.09
theoretical load ⁽¹⁾ cooling mode	kW	5.2
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	4.534
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	4.1
annual cooling energy consumption	kWh/year	261
annual heating energy consumption (hot season)	kWh/year	1207
annual heating energy consumption (moderate season)	kWh/year	1444
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	54 / 61

REFRIGERANT INFORMATION

Type		R410A
GWP		675
standard charge	kg	1
	t CO ₂ eq.	0.675

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	5323 (2066 - 6125)
	BTU/h	18173 (7053 - 20911)
nominal heating power (min - max)	W	4100 (1488 - 6741)
	BTU/h	13997 (5080 - 23014)
nominal cooling power draw (min - max)	W	1538 (152 - 2360)
nominal heating power draw (min - max)	W	1088 (227 - 2410)
nominal EER at 35°C		3.46
nominal COP at 7°C / COP at -7°C		3.77 / 2.83

TECHNICAL FEATURES

indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/30/37/42
outdoor unit maximum acoustic pressure level	dB(A)	56
indoor unit air flow rate	m ³ /h	795
outdoor unit air flow rate	m ³ /h	2000
dehumidification power	l/h	1.8


INSTALLATION CHARACTERISTICS

indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4
gas pipe diameter	inches	1/2
maximum connection length with standard charge	m	5
maximum connection length	m	30
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	12
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30

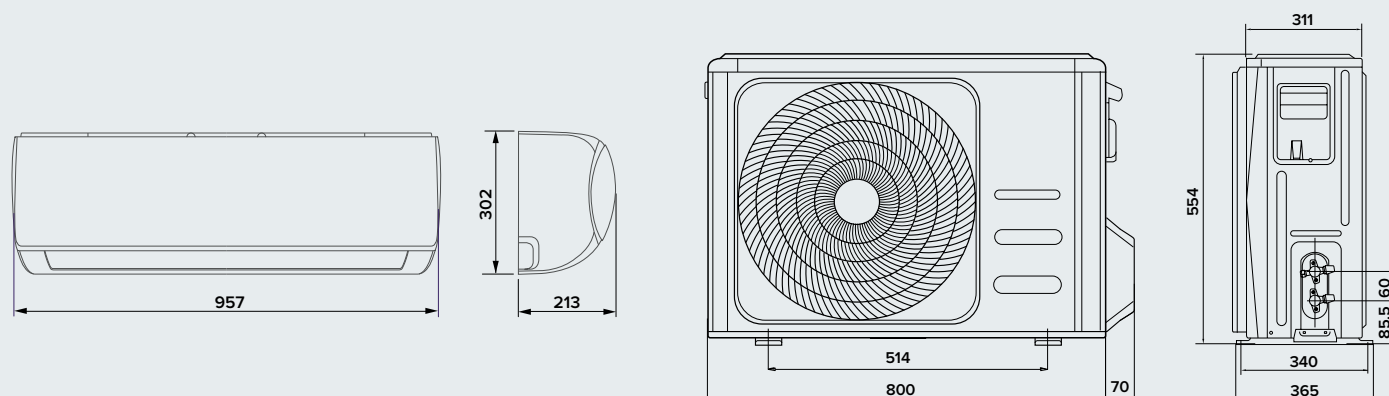
WEIGHTS AND DIMENSIONS

indoor unit dimensions	mm	957x213x302
indoor unit packaging dimensions	mm	1035x295x380
weight of indoor unit (net/gross)	kg	10.0/13.0
outdoor unit dimensions	mm	800x333x554
outdoor unit packaging dimensions	mm	920x390x615
weight of outdoor unit (net/gross)	kg	34/36.7

MODEL	ALYS R32 50 MUDO
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 Cooling energy class	A++
Heating energy class (hot season)	A+++
Heating energy class (moderate season)	A+
Indoor unit code	3381253
Outdoor unit code	3381261
PRODUCT CODE (indoor unit + outdoor unit)	3381272


For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.




⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

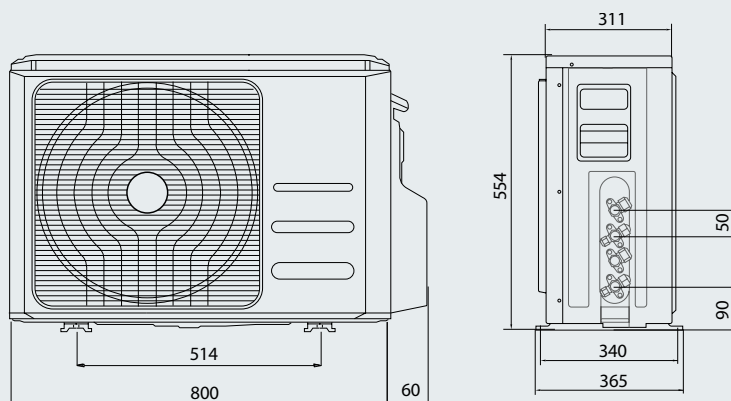
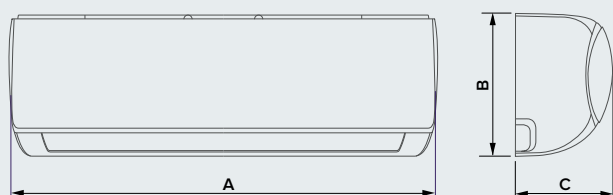
MODEL		ALYS R32 DUAL		
SEASONAL PERFORMANCE ⁽³⁾				
SEER				5.93
SCOP (hot season)				4.94
SCOP (moderate season)				3.88
theoretical load ⁽¹⁾ cooling mode	kW			5.2
theoretical load ⁽¹⁾ in heating mode (hot season)	kW			5.026
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW			5
annual cooling energy consumption	kWh/year			313
annual heating energy consumption (hot season)	kWh/year			1426
annual heating energy consumption (moderate season)	kWh/year			1822
cooling / heating function				Yes
reference heating season				moderate/hot
indoor / outdoor unit sound power level	dB(A)			52 / 63.5
REFRIGERANT INFORMATION				
Type				R32
GWP				675
standard charge	kg			1.3
	t. CO ₂ eq.			0.8775
POINT EFFICIENCY AND CONSUMPTION ⁽²⁾				
nominal cooling power (min - max)	W BTU/h			5307 (1990 - 5496) 18118 (6794 - 18763)
nominal heating power (min - max)	W BTU/h			5000 (2025 - 5621) 17070 (6913 - 19190)
nominal cooling power draw (min - max)	W			1628 (716 - 1977)
nominal heating power draw (min - max)	W			1235 (640 - 1620)
nominal EER at 35°C				3.26
nominal COP at 7°C / COP at -7°C				4.05 / 2.6
TECHNICAL FEATURES				
	indoor unit	25	35	50
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/27/31/36	22/27/33/39	23/30/37/42
outdoor unit maximum acoustic pressure level	dB(A)	58	58	58
indoor unit air flow rate	m³/h	587	527	795
outdoor unit air flow rate	m³/h	2200	2200	2200
dehumidification power	l/h	1	1.2	1.8
INSTALLATION CHARACTERISTICS				
	indoor unit	25	35	50
indoor unit condensate drainage pipe position		RH/LH	RH/LH	RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24	IPX0 / IP24	IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1	50-230-1
recommended fuse rating	A	20	20	20
type of compressor		ROT	ROT	ROT
liquid pipe diameter	inches	1/4	1/4	1/4
gas pipe diameter	inches	3/8	3/8	1/2
maximum connection length with standard charge	m	5	5	5
maximum length of connections (single unit/total)	m	25	25	30
maximum height difference between indoor and outdoor units	m	10	10	10
supplementary refrigerant recharge	g/m	12	12	12
outdoor temperature interval in cooling mode	°C	-15/50	-15/50	-15/50
outdoor temperature interval in heating mode	°C	-15/30	-15/30	-15/30
WEIGHTS AND DIMENSIONS				
	indoor unit	25	35	50
indoor unit dimensions	mm	805x194x285	805x194x285	957x213x302
indoor unit packaging dimensions	mm	870x270x360	870x270x360	1035x295x380
weight of indoor unit (net/gross)	kg	7.5/9.7	7.5/9.7	10.0/13.0
outdoor unit dimensions	mm	800x333x554	800x333x554	800x333x554
outdoor unit packaging dimensions	mm	920x390x615	920x390x615	920x390x615
weight of outdoor unit (net/gross)	kg	36/39	36/39	36/39

MODEL		ALYS R32 DUAL 50 XD0-O	
	Cooling energy class	A+	
	Heating energy class (hot season)	A++	
	Heating energy class (moderate season)		

MODEL		ALYS R32 DUAL 50 XD0-O		
 Cooling energy class Heating energy class (hot season) Heating energy class (moderate season)				A+
				A++
				A
ALYS R32		25 UD0-I	35 UD0-I	50 UD0-I
Indoor unit code		3381251	3381252	3381253
ALYS R32 OUTDOOR UNIT				DUAL 50 XD0-O
Outdoor unit code				3381242

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.
Electronic expansion valve included

MOD.	A	B	C
ALYS R32 25	805	285	194
ALYS R32 35	805	285	194
ALYS R32 50	957	302	213



MODEL	ALYS R32 TRIAL		
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SEASONAL PERFORMANCE ⁽³⁾

SEER		6.13
SCOP (hot season)		5.13
SCOP (moderate season)		3.84
theoretical load [®] cooling mode	kW	8
theoretical load [®] in heating mode (hot season)	kW	6.354
theoretical load [®] in heating mode (moderate season)	kW	5.6
annual cooling energy consumption	kWh/year	460
annual heating energy consumption (hot season)	kWh/year	1734
annual heating energy consumption (moderate season)	kWh/year	2035
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	52 / 64.6

REFRIGERANT INFORMATION

Type		R32
GWP		675
standard charge	kg	1.3
	t. CO ₂ eq.	0.8775

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W BTU/h	8052 (3151 - 8362) 27490 (10758 - 28548)
nominal heating power (min - max)	W BTU/h	5600 (3329 - 9252) 19118 (11365 - 31586)
nominal cooling power draw (min - max)	W	2485 (1092 - 3023)
nominal heating power draw (min - max)	W	1505 (980 - 2847)
nominal EER at 35°C		3.24
nominal COP at 7°C / COP at -7°C		3.72 / 2.6

TECHNICAL FEATURES

	indoor unit	25	35	50
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/27/31/36	22/27/33/39	23/30/37/42
outdoor unit maximum acoustic pressure level	dB(A)	60	60	60
indoor unit air flow rate	m ³ /h	587	527	795
outdoor unit air flow rate	m ³ /h	2700	2700	2700
dehumidification power	l/h	1	1.2	1.8


INSTALLATION CHARACTERISTICS

	indoor unit	25	35	50
indoor unit condensate drainage pipe position		RH/LH	RH/LH	RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24	IPX0 / IP24	IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1	50-230-1
recommended fuse rating	A	20	20	20
type of compressor		ROT	ROT	ROT
liquid pipe diameter	inches	1/4	1/4	1/4
gas pipe diameter	inches	3/8	3/8	1/2
maximum connection length with standard charge	m	5	5	5
maximum length of connections (single unit/total)	m	25	25	30
maximum height difference between indoor and outdoor units	m	10	10	10
supplementary refrigerant recharge	g/m	12	12	12
outdoor temperature interval in cooling mode	°C	-15/50	-15/50	-15/50
outdoor temperature interval in heating mode	°C	-15/30	-15/30	-15/30

WEIGHTS AND DIMENSIONS

	indoor unit	25	35	50
indoor unit dimensions	mm	805x194x285	805x194x285	957x213x302
indoor unit packaging dimensions	mm	870x270x360	870x270x360	1035x295x380
weight of indoor unit (net/gross)	kg	7.5/9.7	7.5/9.7	10.0/13.0
outdoor unit dimensions	mm	845x363x702	845x363x702	845x363x702
outdoor unit packaging dimensions	mm	985x435x760	985x435x760	985x435x760
weight of outdoor unit (net/gross)	kg	53/56.5	53/56.5	53/56.5

MODEL	ALYS R32 TRIAL 80 XD0C-O		
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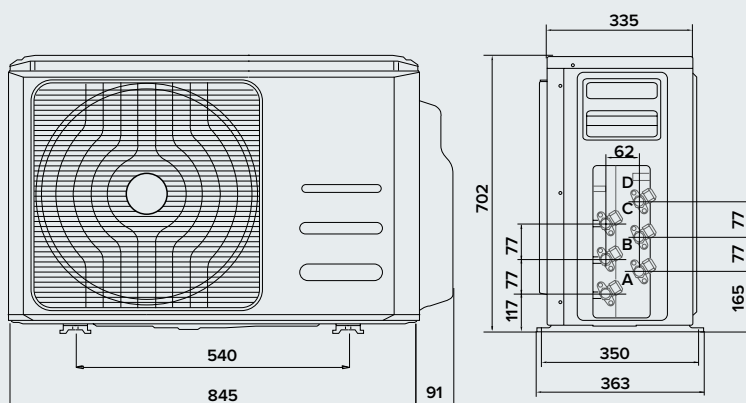
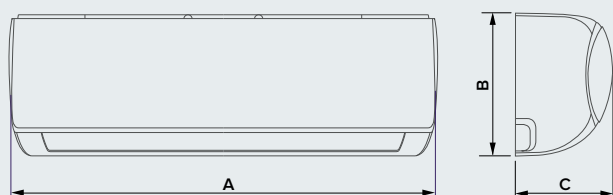
	Cooling energy class	A++		
	Heating energy class (hot season)	A+++		
	Heating energy class (moderate season)	A		

ALYS R32	25 UD0-I	35 UD0-I	50 UD0-I
Indoor unit code	3381251	3381252	3381253
ALYS R32 OUTDOOR UNIT			TRIAL 80 XD0C-O
Outdoor unit code			3381243


For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.


Electronic expansion valve included

MOD.	A	B	C
ALYS R32 25	805	285	194
ALYS R32 35	805	285	194
ALYS R32 50	957	302	213



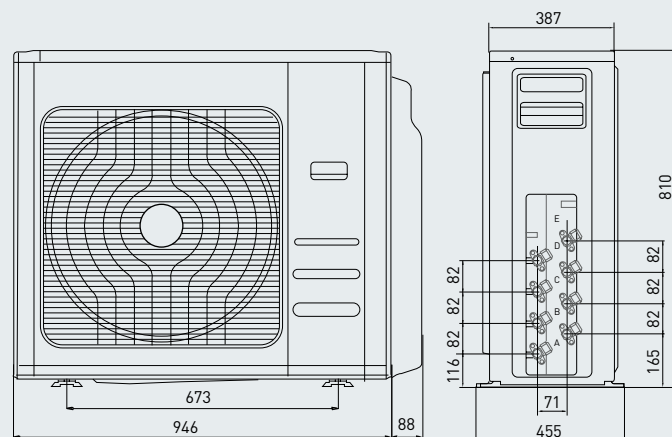
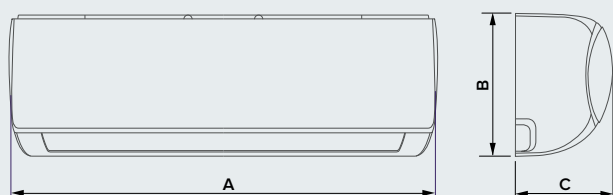
MODEL		ALYS R32 QUAD		
SEASONAL PERFORMANCE ⁽³⁾				
SEER				6.25
SCOP (hot season)				5.2
SCOP (moderate season)				3.9
theoretical load ⁽¹⁾ cooling mode	kW			10.6
theoretical load ⁽¹⁾ in heating mode (hot season)	kW			9.874
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW			9
annual cooling energy consumption	kWh/year			595
annual heating energy consumption (hot season)	kWh/year			2655.4
annual heating energy consumption (moderate season)	kWh/year			3231
cooling / heating function				Yes
reference heating season				moderate/hot
indoor / outdoor unit sound power level	dB(A)			52 / 65.4
REFRIGERANT INFORMATION				
Type				R32
GWP				675
standard charge	kg			2.1
	t. CO ₂ eq.			1.4175
POINT EFFICIENCY AND CONSUMPTION ⁽²⁾				
nominal cooling power (min - max)	W			10621 (4415 - 10995)
	BTU/h			36260 (15073 - 37537)
nominal heating power (min - max)	W			9000 (4368 - 12850)
	BTU/h			30726 (14912 - 43870)
nominal cooling power draw (min - max)	W			3355 (1615 - 4250)
nominal heating power draw (min - max)	W			2244 (1324 - 4211)
nominal EER at 35°C				3.166
nominal COP at 7°C / COP at -7°C				4.01 / 2.359
TECHNICAL FEATURES				
	indoor unit	25	35	50
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/27/31/36	22/27/33/39	23/30/37/42
outdoor unit maximum acoustic pressure level	dB(A)	63	63	63
indoor unit air flow rate	m ³ /h	587	527	795
outdoor unit air flow rate	m ³ /h	4000	4000	4000
dehumidification power	l/h	1	1.2	1.8
INSTALLATION CHARACTERISTICS				
	indoor unit	25	35	50
indoor unit condensate drainage pipe position		RH/LH	RH/LH	RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24	IPX0 / IP24	IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1	50-230-1
recommended fuse rating	A	20	20	20
type of compressor		ROT	ROT	ROT
liquid pipe diameter	inches	1/4	1/4	1/4
gas pipe diameter	inches	3/8	3/8	1/2
maximum connection length with standard charge	m	5	5	5
maximum length of connections (single unit/total)	m	25	25	30
maximum height difference between indoor and outdoor units	m	10	10	10
supplementary refrigerant recharge	g/m	12	12	12
outdoor temperature interval in cooling mode	°C	-15/50	-15/50	-15/50
outdoor temperature interval in heating mode	°C	-15/30	-15/30	-15/30
WEIGHTS AND DIMENSIONS				
	indoor unit	25	35	50
indoor unit dimensions	mm	805x194x285	805x194x285	957x213x302
indoor unit packaging dimensions	mm	870x270x360	870x270x360	1035x295x380
weight of indoor unit (net/gross)	kg	7.5/9.7	7.5/9.7	10.0/13.0
outdoor unit dimensions	mm	946x410x810	946x410x810	946x410x810
outdoor unit packaging dimensions	mm	1090x500x875	1090x500x875	1090x500x875
weight of outdoor unit (net/gross)	kg	68.8/75.6	68.8/75.6	68.8/75.6

MODEL		ALYS R32 QUAD 110 XD0C-O	
	Cooling energy class	A++	
	Heating energy class (hot season)	A+++	
	Heating energy class (moderate season)	A	

MODEL		ALYS R32 QUAD 110 XD0C-O		
	Cooling energy class			A++
	Heating energy class (hot season)			A+++
	Heating energy class (moderate season)			A
ALYS R32		25 UD0-I	35 UD0-I	50 UD0-I
Indoor unit code		3381251	3381252	3381253
ALYS R32 OUTDOOR UNIT				QUAD 110 XD0C-O
Outdoor unit code				3381262

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.
Electronic expansion valve included

MOD.	A	B	C
ALYS R32 25	805	285	194
ALYS R32 35	805	285	194
ALYS R32 50	957	302	213



WEIGHTS AND DIMENSIONS	<i>indoor unit</i>	25	35	50
indoor unit dimensions	mm	805x194x285	805x194x285	957x213x302
indoor unit packaging dimensions	mm	870x270x360	870x270x360	1035x295x380
weight of indoor unit (net/gross)	kg	7.5/9.7	7.5/9.7	10.0/13.0
outdoor unit dimensions	mm	946x410x810	946x410x810	946x410x810
outdoor unit packaging dimensions	mm	1090x500x875	1090x500x875	1090x500x875
weight of outdoor unit (net/gross)	kg	73.3/80.4	73.3/80.4	73.3/80.4

MODEL	ALYS R32 PENTA 121 XD0C-O
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Air conditioning system with nominal cooling power greater than 12 kW.

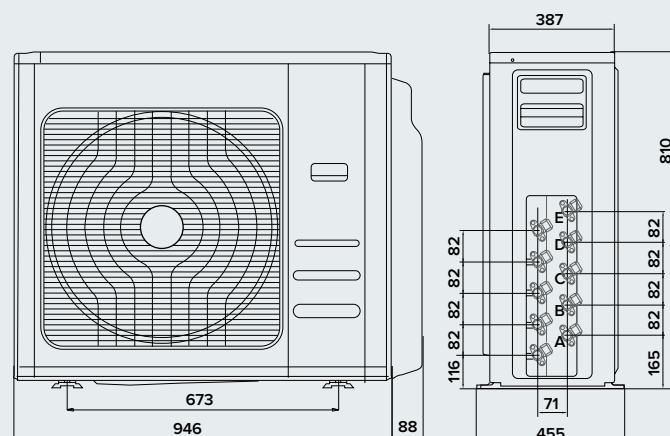
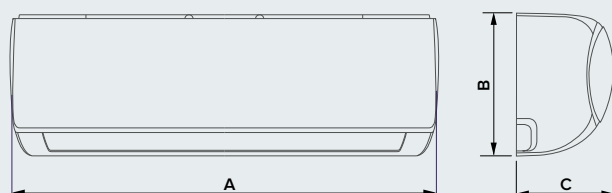
Does not fall within the scope of regulations EC 626/2011 and 206/2012 (ErP).

ALYS R32	25 UD0-I	35 UD0-I	50 UD0-I
Indoor unit code	3381251	3381252	3381253
ALYS R32 OUTDOOR UNIT			PENTA 121 XD0C-O
Outdoor unit code			3381263

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

Electronic expansion valve included

MOD.	A	B	C
ALYS R32 25	805	285	194
ALYS R32 35	805	285	194
ALYS R32 50	957	302	213

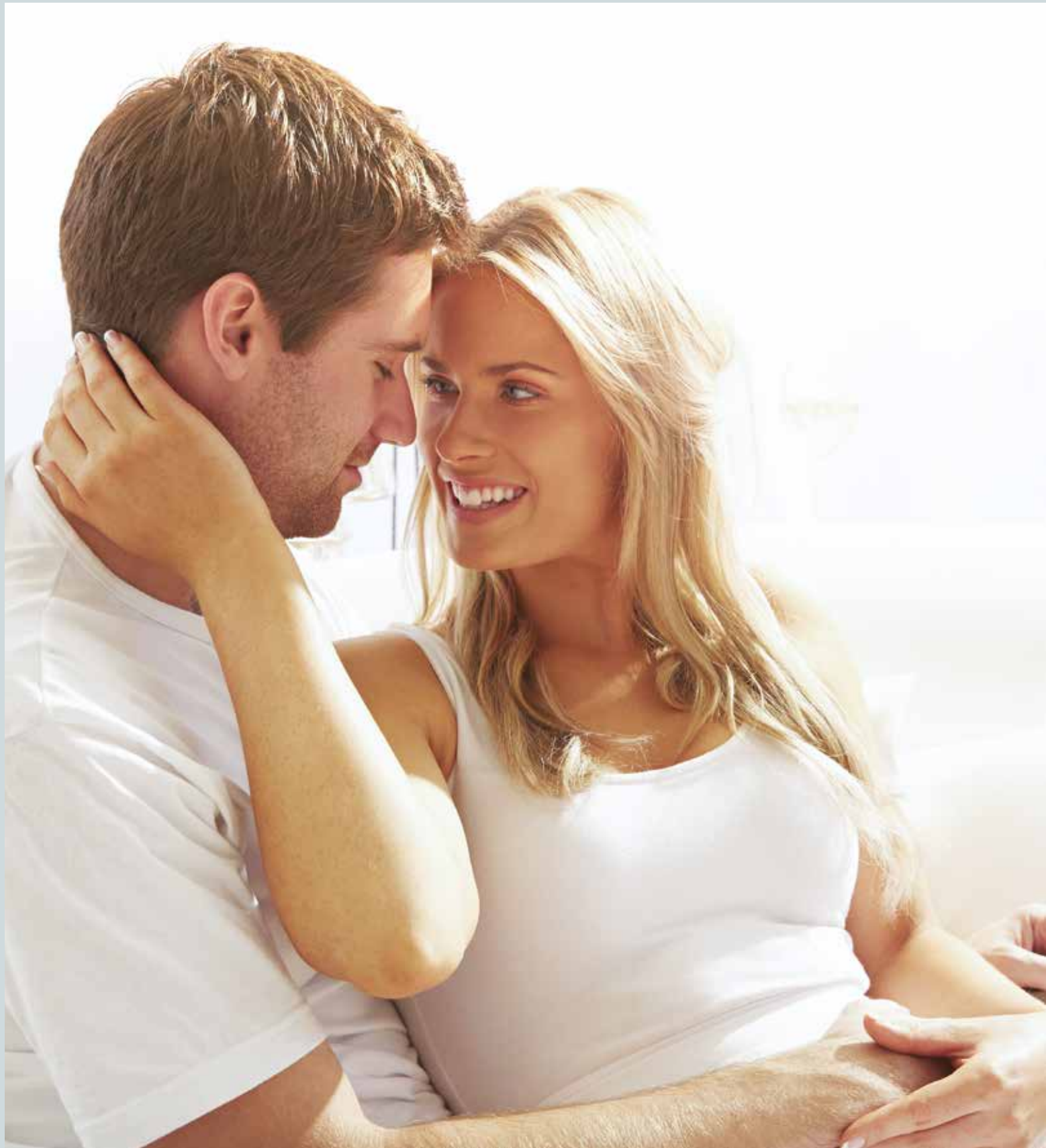


MULTI SPLIT SOLUTIONS: WHICH COMBINATIONS TO CHOOSE

ALYS R32 25	ALYS R32 35	ALYS R32 50
DUAL		
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TRIAL		
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ALYS R32 PERFORMANCE

Combination [kW]				Nominal power of the individual units [kW]			Total power [kW]			Total power draw [kW]						
ALYS R32 DUAL	unit 1	unit 2		unit 1	unit 2		min	nominal	max	min	nominal	max				
COOLING	2.5	2.5		2.65	2.65		0.72	1.63	1.98	1.99	5.31	5.50				
	2.5	3.5		2.29	3.21		0.76	1.77	2.06	2.20	5.51	5.69				
	3.5	3.5		2.83	2.83		0.83	1.92	2.15	2.26	5.66	5.91				
	2.5	5		1.91	3.81		0.86	1.99	2.19	2.29	5.72	5.97				
HEATING	2.5	2.5		2.72	2.72		0.64	1.34	1.62	2.02	5.44	5.62				
	2.5	3.5		2.41	3.37		0.70	1.56	1.82	2.31	5.78	5.94				
	3.5	3.5		2.99	2.99		0.80	1.78	2.01	2.39	5.97	6.32				
	2.5	5		2.01	4.01		0.85	1.89	2.11	2.41	6.02	6.41				
ALYS R32 TRIAL	unit 1	unit 2	unit 3	unit 1	unit 2	unit 3	min	nominal	max	min	nominal	max				
COOLING	2.5	2.5	2.5	2.68	2.68	2.68	1.09	2.48	3.02	3.15	8.05	8.36				
	2.5	2.5	3.5	2.40	2.40	3.36	1.14	2.60	3.04	3.27	8.16	8.42				
	2.5	3.5	3.5	2.17	3.04	3.04	1.20	2.72	3.06	3.30	8.25	8.48				
	2.5	2.5	5	2.07	2.07	4.14	1.22	2.77	3.07	3.31	8.28	8.51				
	3.5	3.5	3.5	2.77	2.77	2.77	1.25	2.83	3.07	3.32	8.31	8.53				
	2.5	3.5	5	1.89	2.65	3.79	1.27	2.89	3.08	3.33	8.33	8.56				
HEATING	2.5	2.5	2.5	2.82	2.82	2.82	0.98	2.27	2.85	3.33	8.46	9.25				
	2.5	2.5	3.5	2.58	2.58	3.61	1.06	2.45	2.89	3.50	8.76	9.34				
	2.5	3.5	3.5	2.37	3.32	3.32	1.13	2.63	2.93	3.60	9.00	9.42				
	2.5	2.5	5	2.27	2.27	4.55	1.17	2.72	2.95	3.64	9.10	9.46				
	3.5	3.5	3.5	3.06	3.06	3.06	1.21	2.81	2.97	3.68	9.19	9.51				
	2.5	3.5	5	2.11	2.95	4.21	1.25	2.90	3.00	3.71	9.26	9.55				
ALYS R32 QUAD	unit 1	unit 2	unit 3	unit 4	unit 1	unit 2	unit 3	unit 4	min	nominal	max	min	nominal	max		
COOLING	2.5	2.5	2.5	2.5	2.66	2.66	2.66	2.66	1.62	3.36	4.25	4.42	10.62	11.00		
	2.5	2.5	2.5	3.5	2.50	2.50	2.50	3.49	1.62	3.53	4.30	4.61	10.98	11.20		
	2.5	2.5	3.5	3.5	2.36	2.36	3.30	3.30	1.70	3.71	4.34	4.76	11.32	11.40		
	2.5	2.5	2.5	5	2.30	2.30	2.30	4.59	1.75	3.79	4.37	4.82	11.49	11.50		
	2.5	3.5	3.5	3.5	2.24	3.13	3.13	3.13	1.79	3.88	4.39	4.89	11.64	11.61		
	2.5	2.5	3.5	5	2.18	2.18	3.06	4.37	1.83	3.97	4.41	4.95	11.80	11.71		
	3.5	3.5	3.5	3.5	2.99	2.99	2.99	2.99	1.87	4.06	4.44	5.02	11.95	11.81		
	2.5	3.5	3.5	5	2.08	2.92	2.92	4.17	1.91	4.15	4.46	5.08	12.09	11.91		
HEATING	3.5	3.5	3.5	5	2.79	2.79	2.79	3.99	1.99	4.32	4.51	5.19	12.36	12.12		
	2.5	2.5	2.5	2.5	2.76	2.76	2.76	2.76	1.32	2.75	4.21	4.37	11.04	12.85		
	2.5	2.5	2.5	3.5	2.64	2.64	2.64	3.70	1.35	3.00	4.24	4.65	11.63	13.09		
	2.5	2.5	3.5	3.5	2.53	2.53	3.54	3.54	1.47	3.26	4.28	4.86	12.15	13.33		
	2.5	2.5	2.5	5	2.48	2.48	2.48	4.95	1.52	3.39	4.30	4.95	12.38	13.45		
	2.5	3.5	3.5	3.5	2.42	3.39	3.39	3.39	1.58	3.51	4.31	5.04	12.59	13.57		
	2.5	2.5	3.5	5	2.37	2.37	3.31	4.73	1.64	3.64	4.33	5.11	12.78	13.69		
	3.5	3.5	3.5	3.5	3.24	3.24	3.24	3.24	1.70	3.77	4.35	5.18	12.96	13.81		
ALYS R32 PENTA	2.5	3.5	3.5	5	2.26	3.17	3.17	4.52	1.75	3.90	4.36	5.25	13.12	13.94		
	3.5	3.5	3.5	5	3.02	3.02	3.02	4.31	1.87	4.15	4.40	5.35	13.38	14.18		
	unit 1	unit 2	unit 3	unit 4	unit 5	unit 1	unit 2	unit 3	unit 4	unit 5	min	nominal	max	min	nominal	max
	2.5	2.5	2.5	2.5	2.5	2.48	2.48	2.48	2.48	2.48	1.69	4.30	4.58	5.09	12.41	13.16
	2.5	2.5	2.5	2.5	3.5	2.33	2.33	2.33	2.33	3.26	1.72	4.31	4.59	5.28	12.57	13.35
	2.5	2.5	2.5	3.5	3.5	2.19	2.19	2.19	3.07	3.07	1.73	4.32	4.60	5.34	12.72	13.55
	2.5	2.5	2.5	2.5	5	2.13	2.13	2.13	2.13	4.27	1.73	4.33	4.60	5.38	12.80	13.64
	2.5	2.5	3.5	3.5	3.5	2.08	2.08	2.91	2.91	2.91	1.73	4.33	4.60	5.41	12.88	13.74
COOLING	2.5	2.5	2.5	3.5	5	2.03	2.03	2.03	2.84	4.05	1.74	4.34	4.61	5.44	12.96	13.84
	2.5	3.5	3.5	3.5	3.5	1.98	2.77	2.77	2.77	2.77	1.74	4.35	4.61	5.48	13.04	13.94
	2.5	2.5	3.5	3.5	5	1.93	1.93	2.70	2.70	3.86	1.74	4.35	4.61	5.51	13.12	14.03
	3.5	3.5	3.5	3.5	3.5	2.64	2.64	2.64	2.64	2.64	1.74	4.36	4.62	5.54	13.20	14.13
	2.5	2.5	2.5	2.5	2.5	2.40	2.40	2.40	2.40	2.40	1.45	3.03	4.32	5.05	12.01	13.98
	2.5	2.5	2.5	2.5	3.5	2.33	2.33	2.33	2.33	3.26	1.51	3.28	4.37	5.28	12.58	14.09
	2.5	2.5	2.5	3.5	3.5	2.25	2.25	2.25	3.16	3.16	1.63	3.54	4.41	5.49	13.07	14.20
	2.5	2.5	2.5	2.5	5	2.22	2.22	2.22	2.22	4.43	1.69	3.67	4.44	5.58	13.29	14.25
HEATING	2.5	2.5	3.5	3.5	3.5	2.18	2.18	3.05	3.05	3.05	1.75	3.80	4.46	5.67	13.49	14.30
	2.5	2.5	2.5	3.5	5	2.14	2.14	2.14	2.99	4.27	1.81	3.93	4.48	5.74	13.68	14.36
	2.5	3.5	3.5	3.5	3.5	2.10	2.94	2.94	2.94	2.94	1.87	4.06	4.51	5.81	13.84	14.41
	2.5	2.5	3.5	3.5	5	2.06	2.06	2.88	2.88	4.11	1.93	4.19	4.53	5.87	13.99	14.46
	3.5	3.5	3.5	3.5	3.5	2.82	2.82	2.82	2.82	2.82	1.99	4.32	4.55	5.93	14.11	14.52



PRODUCT DESCRIPTION

PRIOS R32	50	U	D0	- I
	power	type	SCOP	I > indoor unit
	25 > 2.5 kW (roughly 9,000 BTU/h)	X > Multi	D6 > 4.6	O > outdoor unit
	35 > 3.5 kW (roughly 12,000 BTU/h)	U > Indoor multi	D0 > 4.0	
	50 > 5.0 kW (roughly 18,000 BTU/h)		C8 > 3.8	
	55 > 5.5 kW (roughly 19,000 BTU/h)			
	70 > 7.0 kW (roughly 24,000 BTU/h)			
	80 > 8.0 kW (roughly 27,000 BTU/h)			
	110 > 11.0 kW (roughly 38,000 BTU/h)			
	121 > 12.1 kW (roughly 43,000 BTU/h)			



PRIOS R32
MONO SPLIT AND MONO SPLIT INVERTER



PRIOS R32



3D INVERTER^{DC}
PRO^{tech}

- / R32 refrigerant gas
- / Energy class up to A++*
- / 2D INVERTER technology*
- / Compatible with ARISTON CLIMA R32 Wi-Fi kit*
- / Memory function
- / BOOSTER function
- / Refrigerant leakage sensor
- / SELF-CLEANING function
- / Auto-matching function for multi split, for correct hydraulic connection, automatically and in any situation

ENERGY CLASS



* For further information, consult the complete list of accessories on page 79



/ R32 REFRIGERANT R32

The R32 refrigerant gas, with a GWP equal to 675 and reduced CO₂ emissions, guarantees a low environmental impact. Moreover, thanks to its characteristics, the amount of gas to be charged in the appliance is lower compared to other refrigerants.



/ SELF-CLEANING

The self-cleaning function reverses the direction of rotation of the fan in the outdoor unit. This air flow reversal cleans any impurities from the outdoor heat exchanger, thus keeping the entire system in good working order.



/ MEMORY


This function enables you to set and save both the temperature and the fan speed (as well as the sleep function, if enabled) to optimise comfort when the unit is next switched on.



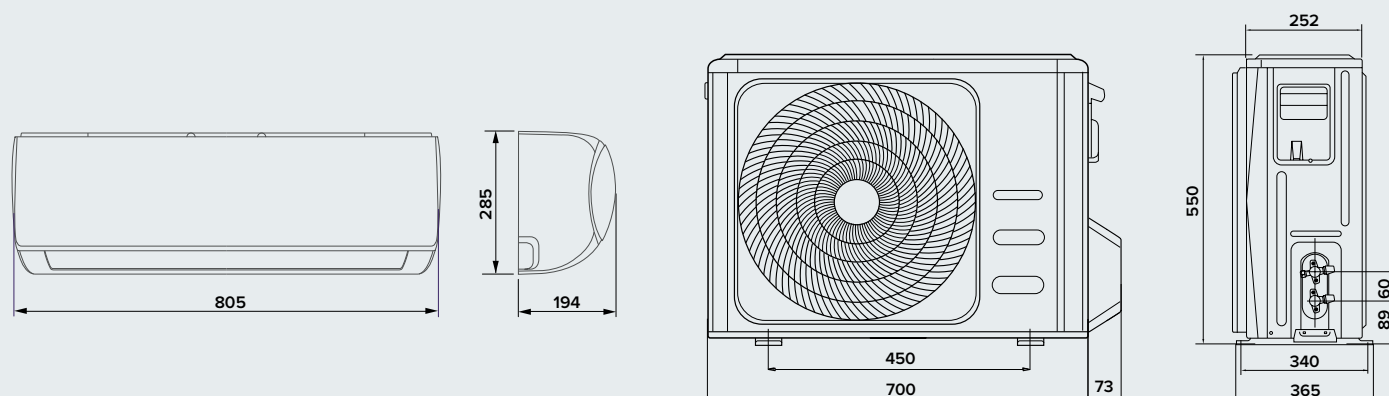
/ FOLLOW ME

The Follow Me function allows you control the temperature in real time. You can set the temperature for the room in which the remote control is kept by sending a signal with the remote itself to the air conditioner.



MODEL		PRIOS R32 25 MUDO
SEASONAL PERFORMANCE		
SEER		6.6
SCOP (hot season)		4.9
SCOP (moderate season)		4
theoretical load ⁽¹⁾ cooling mode	kW	2.6
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	2.654
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.15
annual cooling energy consumption	kWh/year	151
annual heating energy consumption (hot season)	kWh/year	756
annual heating energy consumption (moderate season)	kWh/year	762
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	52 / 61
REFRIGERANT INFORMATION		
Type		R32
GWP		675
standard charge	kg	0.5
	t CO ₂ eq.	0.3375
POINT EFFICIENCY AND CONSUMPTION ⁽²⁾		
nominal cooling power (min - max)	W	2854 (909 - 3400)
	BTU/h	9744 (3103 - 11608)
nominal heating power (min - max)	W	2150 (821 - 3370)
	BTU/h	7340 (2803 - 11505)
nominal cooling power draw (min - max)	W	784 (100 - 1240)
nominal heating power draw (min - max)	W	570 (120 - 1200)
nominal EER at 35°C		3.64
nominal COP at 7°C / COP at -7°C		3.77 / 2.99
TECHNICAL FEATURES		
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/27/31/36
outdoor unit maximum acoustic pressure level	dB(A)	55
indoor unit air flow rate	m ³ /h	587
outdoor unit air flow rate	m ³ /h	2000
dehumidification power	l/h	1
INSTALLATION CHARACTERISTICS		
indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4
gas pipe diameter	inches	3/8
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	12
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30
WEIGHTS AND DIMENSIONS		
indoor unit dimensions	mm	805x194x285
indoor unit packaging dimensions	mm	870x270x360
weight of indoor unit (net/gross)	kg	7.5/9.7
outdoor unit dimensions	mm	700x275x550
outdoor unit packaging dimensions	mm	815x325x615
weight of outdoor unit (net/gross)	kg	22.7/25.2
MODEL		PRIOS R32 25 MUDO
	Cooling energy class	A++
	Heating energy class (hot season)	A++
	Heating energy class (moderate season)	A+
Indoor unit code		3381273
Outdoor unit code		3381254
PRODUCT CODE (indoor unit + outdoor unit)		3381286

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66-67.



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL	PRIOS R32 35 MUDO
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SEASONAL PERFORMANCE

SEER		6.1
SCOP (hot season)		4.64
SCOP (moderate season)		4
theoretical load ⁽¹⁾ cooling mode	kW	3.502
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	2.728
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.4
annual cooling energy consumption	kWh/year	2014
annual heating energy consumption (hot season)	kWh/year	823
annual heating energy consumption (moderate season)	kWh/year	841
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	53 / 64

REFRIGERANT INFORMATION

Type		R32
GWP		675
standard charge	kg	0.5
	t CO ₂ eq.	0.3375

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	3500 (1114 - 4162)
	BTU/h	11949 (3803 - 14209)
nominal heating power (min - max)	W	2400 (1085 - 4220)
	BTU/h	8194 (3704 - 14407)
nominal cooling power draw (min - max)	W	1140 (130 - 1580)
nominal heating power draw (min - max)	W	638 (135 - 1580)
nominal EER at 35°C		3.07
nominal COP at 7°C / COP at -7°C		3.76 / 2.95

TECHNICAL FEATURES

indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	22/27/33/39
outdoor unit maximum acoustic pressure level	dB(A)	58
indoor unit air flow rate	m ³ /h	527
outdoor unit air flow rate	m ³ /h	2000
dehumidification power	l/h	1.2

INSTALLATION CHARACTERISTICS

indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4
gas pipe diameter	inches	3/8
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	12
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30

WEIGHTS AND DIMENSIONS

indoor unit dimensions	mm	805x194x285
indoor unit packaging dimensions	mm	870x270x360
weight of indoor unit (net/gross)	kg	7.5/9.7
outdoor unit dimensions	mm	700x275x550
outdoor unit packaging dimensions	mm	815x325x615
weight of outdoor unit (net/gross)	kg	22.7/25.2

MODEL	PRIOS R32 35 MUDO
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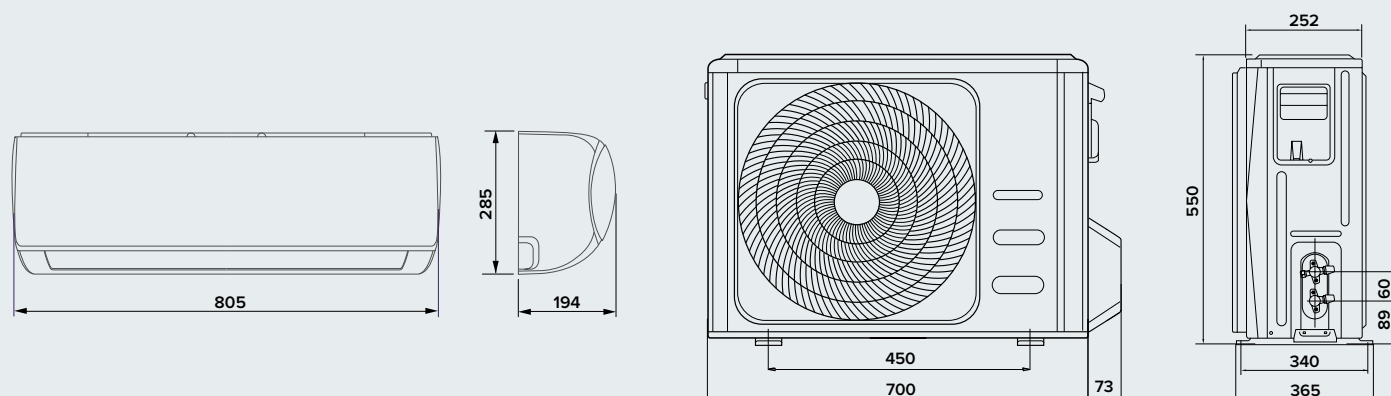
	Cooling energy class	A++
	Heating energy class (hot season)	A++
	Heating energy class (moderate season)	A+

Indoor unit code 3381274

Outdoor unit code 3381255

PRODUCT CODE (indoor unit + outdoor unit) 3381287

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66-67.



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL	PRIOS R32 50 MUDO
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SEASONAL PERFORMANCE

SEER		6.1
SCOP (hot season)		5.05
SCOP (moderate season)		4.03
theoretical load ⁽¹⁾ cooling mode	kW	7
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	6.435
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	4.8
annual cooling energy consumption	kWh/year	412
annual heating energy consumption (hot season)	kWh/year	1784
annual heating energy consumption (moderate season)	kWh/year	1697
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	59 / 67

REFRIGERANT INFORMATION

Type		R32
GWP		675
standard charge	kg	1.6
	t CO ₂ eq.	1.08

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	7185 (2670 - 7948)
	BTU/h	24530 (9115 - 27134)
nominal heating power (min - max)	W	4800 (1846 - 8792)
	BTU/h	16387 (6302 - 30016)
nominal cooling power draw (min - max)	W	2539 (228 - 2960)
nominal heating power draw (min - max)	W	1290 (327 - 3140)
nominal EER at 35°C		2.83
nominal COP at 7°C / COP at -7°C		3.72 / 2.72

TECHNICAL FEATURES

indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	29/41/45/46
outdoor unit maximum acoustic pressure level	dB(A)	61
indoor unit air flow rate	m ³ /h	1037
outdoor unit air flow rate	m ³ /h	3000
dehumidification power	l/h	2.6

INSTALLATION CHARACTERISTICS

indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0/IP27
power supply and number of phases	Hz - V - Ph	50-231-4
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	3/8
gas pipe diameter	inches	5/8
maximum connection length with standard charge	m	5
maximum connection length	m	50
maximum height difference between indoor and outdoor units	m	25
supplementary refrigerant recharge	g/m	12
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30

WEIGHTS AND DIMENSIONS

indoor unit dimensions	mm	1040x220x327
indoor unit packaging dimensions	mm	1120x405x310
weight of indoor unit (net/gross)	kg	12.3/15.8
outdoor unit dimensions	mm	845x363x702
outdoor unit packaging dimensions	mm	965x395x765
weight of outdoor unit (net/gross)	kg	51.5/54.5

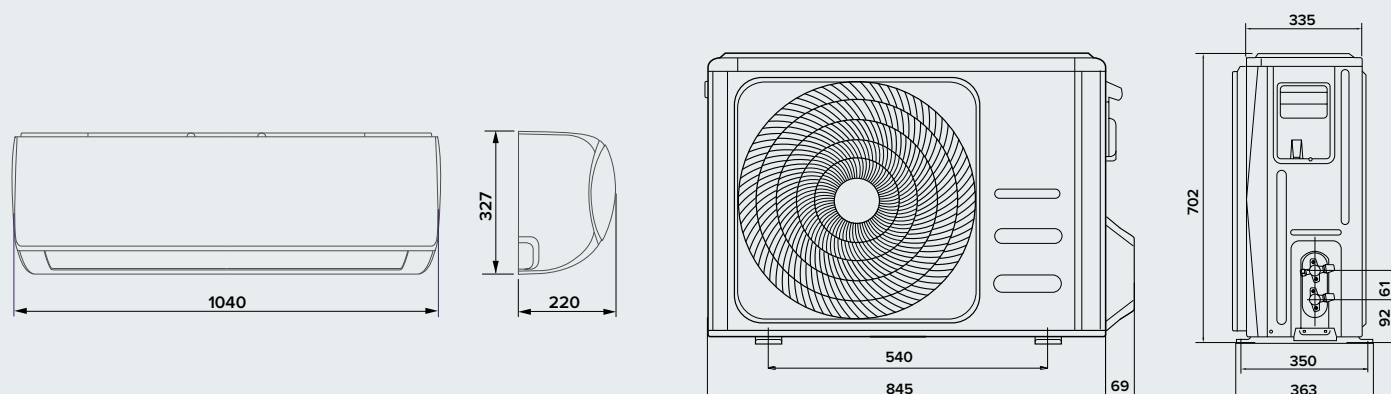
MODEL	PRIOS R32* 50 MUDO
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 Cooling energy class	A++
Heating energy class (hot season)	A++
Heating energy class (moderate season)	A+

Indoor unit code	3381275
Outdoor unit code	3381256

PRODUCT CODE (indoor unit + outdoor unit) **3381288**

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66-67.



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511



PRODUCT DESCRIPTION

ALYS PLUS	25	U	D0	- I
model	power 25 > 2.5 kW (roughly 9,000 BTU/h) 35 > 3.5 kW (roughly 12,000 BTU/h) 50 > 5.0 kW (roughly 18,000 BTU/h) 55 > 5.5 kW (roughly 19,000 BTU/h) 70 > 7.0 kW (roughly 24,000 BTU/h) 80 > 8.0 kW (roughly 27,000 BTU/h) 110 > 11.0 kW (roughly 38,000 BTU/h) 121 > 12.1 kW (roughly 43,000 BTU/h)	type X > Multi U > Indoor multi	SCOP D6 > 4.6 D0 > 4.0 C8 > 3.8	I > indoor unit O > outdoor unit



ALYS PLUS (R410)
MONO SPLIT AND MULTI SPLIT INVERTER



ALYS PLUS

2D
INVERTER
TECHNOLOGYANTI-ODOUR
FILTER

MEMORY

LOW
AMBIENT

FOLLOW ME



12-SPEED FAN



ULTRA-SILENT

1W
STAND-BYREFRIGERANT
LEAKAGE SENSOR

TURBO



2D INVERTER^{DC}
PRO^{tech}



UNTIL STOCKS LAST

- / Energy class up to A++
- / 2D INVERTER technology
- / Ultra-silent (up to 52 dB)
- / Memory function
- / Turbo function
- / Refrigerant leak sensor
- / Aromatherapy function
- / Auto-matching function for multi split, for correct hydraulic connection, automatically and in any situation

ENERGY CLASS



/ 1W STAND-BY

New power draw optimisation logic to cut consumption by up to 80% in stand-by mode, to always have maximum energy saving.



/ ANTI-ODOUR FILTER

The anti-odour filter inside the indoor unit removes unpleasant odours and volatile organic compounds from the air, ensuring the room stays fresh and pleasant at all times.



/ MEMORY

This function enables you to set and save both the temperature and the fan speed (as well as the sleep function, if enabled) to optimise comfort when the unit is next switched on.



/ FOLLOW ME

The Follow Me function allows you control the temperature in real time. You can set the temperature for the room in which the remote control is kept by sending a signal with the remote itself to the air conditioner.



MODEL	ALYS PLUS 25 MUDO
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UNTIL STOCKS LAST

SEASONAL PERFORMANCE

SEER		6.12
SCOP (hot season)		4.77
SCOP (moderate season)		4.01
theoretical load ⁽¹⁾ cooling mode	kW	2.58
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	2.71
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.32
annual cooling energy consumption	kWh/year	131
annual heating energy consumption (hot season)	kWh/year	796
annual heating energy consumption (moderate season)	kWh/year	812
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	52 / 59

REFRIGERANT INFORMATION

Type		R410A
GWP		2088
standard charge	kg	0.8
	t CO ₂ eq.	1.67

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	2285 (1030 - 3314)
	BTU/h	7806 (3519 - 11321)
nominal heating power (min - max)	W	2324 (804 - 3307)
	BTU/h	7939 (2746 - 11296)
nominal cooling power draw (min - max)	W	707 (107 - 1201)
nominal heating power draw (min - max)	W	626 (158 - 1132)
nominal EER at 35°C		3.23
nominal COP at 7°C / COP at -7°C		3.71 / 2.66

TECHNICAL FEATURES

indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/26/33/38
outdoor unit maximum acoustic pressure level	dB(A)	53
indoor unit air flow rate	m ³ /h	459
outdoor unit air flow rate	m ³ /h	1800
dehumidification power	l/h	1


INSTALLATION CHARACTERISTICS

indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4"
gas pipe diameter	inches	3/8"
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	15
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30

WEIGHTS AND DIMENSIONS

indoor unit dimensions	mm	715x250x188
indoor unit packaging dimensions	mm	775x324x260
weight of indoor unit (net/gross)	kg	6.3/8.2
outdoor unit dimensions	mm	770x555x300
outdoor unit packaging dimensions	mm	900x615x348
weight of outdoor unit (net/gross)	kg	25.2/27.4

MODEL	ALYS PLUS 25 MUDO
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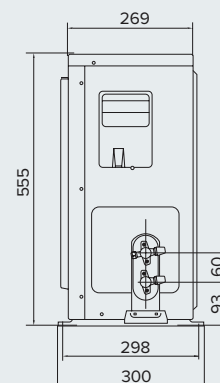
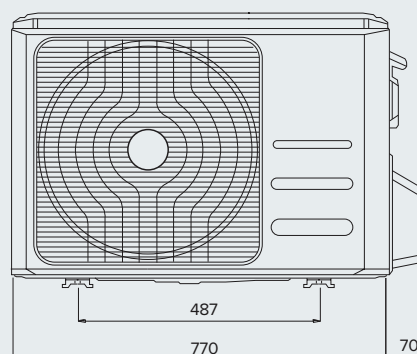
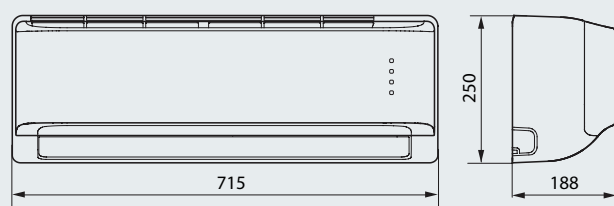
	Cooling energy class	A++
	Heating energy class (hot season)	A++
	Heating energy class (moderate season)	A+

Indoor unit code	3381197
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Outdoor unit code	3381179
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PRODUCT CODE (indoor unit + outdoor unit)	3381198
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For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL

ALYS PLUS 35 MUDO

UNTIL STOCKS LAST

SEASONAL PERFORMANCE

SEER		6.10
SCOP (hot season)		4.60
SCOP (moderate season)		4.04
theoretical load ⁽¹⁾ cooling mode	kW	3.63
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	2.81
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	2.67
annual cooling energy consumption	kWh/year	208
annual heating energy consumption (hot season)	kWh/year	852
annual heating energy consumption (moderate season)	kWh/year	927
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	54 / 60

REFRIGERANT INFORMATION

Type		R410A
GWP		2088
standard charge	kg	0.8
	t CO ₂ eq.	1.67

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	3630 (1091 - 4018)
	BTU/h	12400 (3727 - 13726)
nominal heating power (min - max)	W	2673 (875 - 4063)
	BTU/h	9131 (2989 - 13879)
nominal cooling power draw (min - max)	W	1320 (108 - 1408)
nominal heating power draw (min - max)	W	817 (174 - 1350)
nominal EER at 35°C		2.75
nominal COP at 7°C / COP at -7°C		3.27 / 2.79

TECHNICAL FEATURES

indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/28/32/38
outdoor unit maximum acoustic pressure level	dB(A)	53
indoor unit air flow rate	m ³ /h	622
outdoor unit air flow rate	m ³ /h	1800
dehumidification power	l/h	1.2

INSTALLATION CHARACTERISTICS

indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4"
gas pipe diameter	inches	3/8"
maximum connection length with standard charge	m	5
maximum connection length	m	25
maximum height difference between indoor and outdoor units	m	10
supplementary refrigerant recharge	g/m	15
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30

WEIGHTS AND DIMENSIONS

indoor unit dimensions	mm	800x275x188
indoor unit packaging dimensions	mm	865x350x265
weight of indoor unit (net/gross)	kg	7.2/9.5
outdoor unit dimensions	mm	770x555x300
outdoor unit packaging dimensions	mm	900x615x348
weight of outdoor unit (net/gross)	kg	25.5/27.7

MODEL

ALYS PLUS 35 MUDO



Cooling energy class

Heating energy class (hot season)

Heating energy class (moderate season)

A++

A++

A+

Indoor unit code

3381199

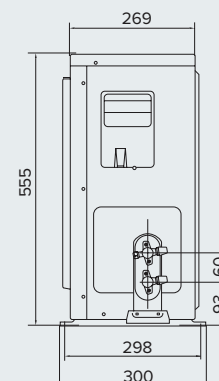
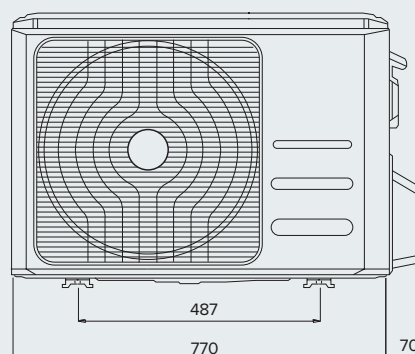
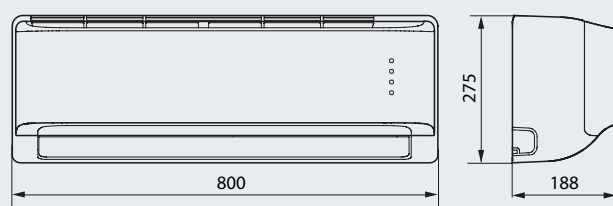
Outdoor unit code

3381180

PRODUCT CODE (indoor unit + outdoor unit)


3381200

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

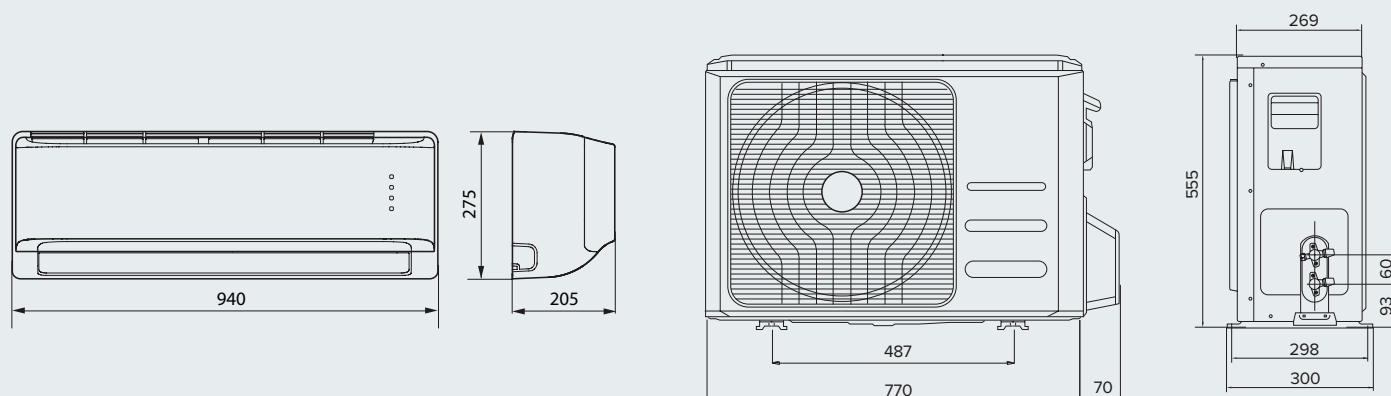


⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL		ALYS PLUS 50 MUDO
UNTIL STOCKS LAST		
SEASONAL PERFORMANCE		
SEER		6.40
SCOP (hot season)		4.80
SCOP (moderate season)		4.30
theoretical load ⁽¹⁾ cooling mode	kW	5.00
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	4.59
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	4.10
annual cooling energy consumption	kWh/year	276
annual heating energy consumption (hot season)	kWh/year	1340
annual heating energy consumption (moderate season)	kWh/year	1354
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	56 / 64
REFRIGERANT INFORMATION		
Type		R410A
GWP		2088
standard charge	kg	1.48
	t CO ₂ eq.	3.09
POINT EFFICIENCY AND CONSUMPTION ⁽²⁾		
nominal cooling power (min - max)	W	5020 (1772 - 5386)
	BTU/h	17148 (6053 - 18396)
nominal heating power (min - max)	W	4098 (1391 - 5685)
	BTU/h	13999 (4752 - 19420)
nominal cooling power draw (min - max)	W	1554 (161 - 1695)
nominal heating power draw (min - max)	W	1105 (239 - 1875)
nominal EER at 35°C		3.23
nominal COP at 7°C / COP at -7°C		3.71/ 2.99
TECHNICAL FEATURES		
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	25/31/40/44
outdoor unit maximum acoustic pressure level	dB(A)	57
indoor unit air flow rate	m ³ /h	771
outdoor unit air flow rate	m ³ /h	2100
dehumidification power	l/h	1.8
INSTALLATION CHARACTERISTICS		
indoor unit condensate drainage pipe position		RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1
recommended fuse rating	A	20
type of compressor		ROT
liquid pipe diameter	inches	1/4"
gas pipe diameter	inches	1/2"
maximum connection length with standard charge	m	5
maximum connection length	m	30
maximum height difference between indoor and outdoor units	m	20
supplementary refrigerant recharge	g/m	15
outdoor temperature interval in cooling mode	°C	-15/50
outdoor temperature interval in heating mode	°C	-15/30
WEIGHTS AND DIMENSIONS		
indoor unit dimensions	mm	940x275x205
indoor unit packaging dimensions	mm	1015x350x265
weight of indoor unit (net/gross)	kg	9/12.2
outdoor unit dimensions	mm	800x554x300
outdoor unit packaging dimensions	mm	940x615x420
weight of outdoor unit (net/gross)	kg	37.8/40.5
MODEL		ALYS PLUS 50 MUDO
	Cooling energy class	A++
	Heating energy class (hot season)	A++
	Heating energy class (moderate season)	A+
Indoor unit code		3381201
Outdoor unit code		3381181
PRODUCT CODE (indoor unit + outdoor unit)		3381202

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL	ALYS PLUS DUAL
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UNTIL STOCKS LAST

SEASONAL PERFORMANCE

SEER		5.60
SCOP (hot season)		4.15
SCOP (moderate season)		3.80
theoretical load ⁽¹⁾ cooling mode	kW	5.03
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	4.56
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	4.43
annual cooling energy consumption	kWh/year	315
annual heating energy consumption (hot season)	kWh/year	1536
annual heating energy consumption (moderate season)	kWh/year	1631
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	52 / 64.8

REFRIGERANT INFORMATION

Type		R410A
GWP		2088
standard charge	kg	1.7
	t CO ₂ eq.	3.55

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	5034 (1183 - 5395)
	BTU/h	17196 (4041 - 18429)
nominal heating power (min - max)	W	4427 (1250 - 5708)
	BTU/h	15123 (4270 - 19499)
nominal cooling power draw (min - max)	W	1990 (106 - 2228)
nominal heating power draw (min - max)	W	1294 (248 - 1941)
nominal EER at 35°C		2.53
nominal COP at 7°C / COP at -7°C		3.42 / 2.36

TECHNICAL FEATURES

	indoor unit	25	35	50
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/26/33/38	23/28/32/38	25/31/40/44
outdoor unit maximum acoustic pressure level	dB(A)	57.6	57.6	57.6
indoor unit air flow rate	m ³ /h	459	622	771
outdoor unit air flow rate	m ³ /h	2100	2100	2100
dehumidification power	l/h	1	1.2	1.8

INSTALLATION CHARACTERISTICS

	indoor unit	25	35	50
indoor unit condensate drainage pipe position		RH/LH	RH/LH	RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24	IPX0 / IP24	IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1	50-230-1
recommended fuse rating	A	20	20	20
type of compressor		ROT	ROT	ROT
liquid pipe diameter	inches	2x1/4"	2x1/4"	2x1/4"
gas pipe diameter	inches	2x3/8"	2x3/8"	2x3/8"
maximum connection length with standard charge	m	2x5	2x5	2x5
maximum length of connections (single unit/total)	m	2x15 / 20	2x15 / 20	2x15 / 20
maximum height difference between indoor units	m	10	10	10
maximum height difference between indoor and outdoor units	m	15	15	15
supplementary refrigerant recharge	g/m	15	15	15
outdoor temperature interval in cooling mode	°C	-15/50	-15/50	-15/50
outdoor temperature interval in heating mode	°C	-15/30	-15/30	-15/30

WEIGHTS AND DIMENSIONS

	indoor unit	25	35	50
indoor unit dimensions	mm	715x250x188	800x275x188	940x275x205
indoor unit packaging dimensions	mm	775x324x260	865x350x265	1015x350x265
weight of indoor unit (net/gross)	kg	6.3/8.2	7.2/9.5	9/12.2
outdoor unit dimensions	mm	800x554x333	800x554x333	800x554x333
outdoor unit packaging dimensions	mm	940x615x420	940x615x420	940x615x420
weight of outdoor unit (net/gross)	kg	36/39	36/39	36/39

MODEL	ALYS PLUS DUAL 55 XD0B-O
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Cooling energy class
Heating energy class (hot season)
Heating energy class (moderate season)

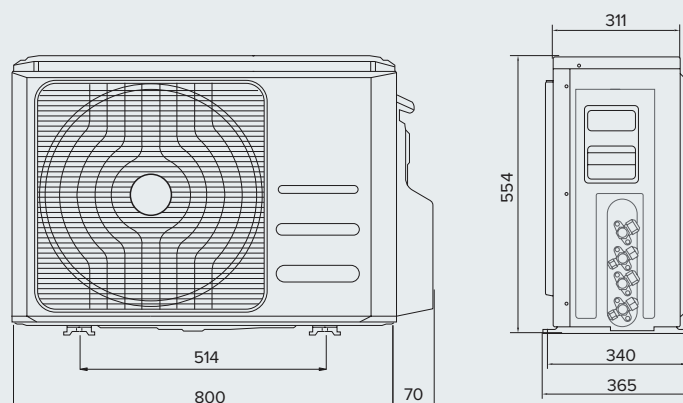
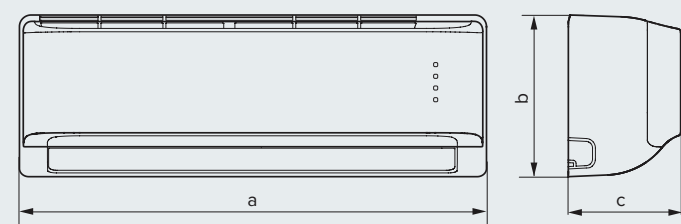
A+
A+
A

ALYS PLUS	25 UD0-I	35 UD0-I	50 UD0-I
Indoor unit code	3381197	3381199	3381201
ALYS PLUS OUTDOOR UNIT			DUAL 55 XD0B-O
Outdoor unit code			3381203

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

Electronic expansion valve included

MOD.	A	B	C
ALYS PLUS 25	715	250	188
ALYS PLUS 35	800	275	188
ALYS PLUS 50	940	275	205



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MODEL	ALYS PLUS TRIAL
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UNTIL STOCKS LAST

SEASONAL PERFORMANCE

SEER		5.92
SCOP (hot season)		4.63
SCOP (moderate season)		3.8
theoretical load ⁽¹⁾ cooling mode	kW	765
theoretical load ⁽¹⁾ in heating mode (hot season)	kW	5.97
theoretical load ⁽¹⁾ in heating mode (moderate season)	kW	5.75
annual cooling energy consumption	kWh/year	410
annual heating energy consumption (hot season)	kWh/year	1808
annual heating energy consumption (moderate season)	kWh/year	2116
cooling / heating function		Yes
reference heating season		moderate/hot
indoor / outdoor unit sound power level	dB(A)	52 / 69

REFRIGERANT INFORMATION

Type		R410A
GWP		2088
standard charge	kg	2.1
	t CO ₂ eq.	4.38

POINT EFFICIENCY AND CONSUMPTION ⁽²⁾

nominal cooling power (min - max)	W	7351 (2262 - 7933)
	BTU/h	25111 (7727 - 27099)
nominal heating power (min - max)	W	5745 (1595 - 8804)
	BTU/h	19625 (5449 - 30075)
nominal cooling power draw (min - max)	W	2276 (207 - 3125)
nominal heating power draw (min - max)	W	1549 (335 - 2969)
nominal EER at 35°C		3.23
nominal COP at 7°C / COP at -7°C		3.71 / 2.55

TECHNICAL FEATURES

	indoor unit	25	35	50
indoor unit acoustic pressure level (silence/min/med/max)	dB(A)	23/26/33/38	23/28/32/38	25/31/40/44
outdoor unit maximum acoustic pressure level	dB(A)	55.7	55.7	55.7
indoor unit air flow rate	m ³ /h	459	622	771
outdoor unit air flow rate	m ³ /h	3500	3500	3500
dehumidification power	l/h	1	1.2	1.8

INSTALLATION CHARACTERISTICS

	indoor unit	25	35	50
indoor unit condensate drainage pipe position		RH/LH	RH/LH	RH/LH
indoor / outdoor unit IP rating		IPX0 / IP24	IPX0 / IP24	IPX0 / IP24
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1	50-230-1
recommended fuse rating	A	30	30	30
type of compressor		TWIN ROT	TWIN ROT	TWIN ROT
liquid pipe diameter	inches	3x1/4"	3x1/4"	3x1/4"
gas pipe diameter	inches	3x3/8"	3x3/8"	3x3/8"
maximum connection length with standard charge	m	3x5	3x5	3x5
maximum length of connections (single unit/total)	m	3x15 / 25	3x15 / 25	3x15 / 25
maximum height difference between indoor units	m	10	10	10
maximum height difference between indoor and outdoor units	m	15	15	15
supplementary refrigerant recharge	g/m	15	15	15
outdoor temperature interval in cooling mode	°C	-15/50	-15/50	-15/50
outdoor temperature interval in heating mode	°C	-15/30	-15/30	-15/30

WEIGHTS AND DIMENSIONS

	indoor unit	25	35	50
indoor unit dimensions	mm	715x250x188	800x275x188	940x275x205
indoor unit packaging dimensions	mm	775x324x260	865x350x265	1015x350x265
weight of indoor unit (net/gross)	kg	6.3/8.2	7.2/9.5	9/12.2
outdoor unit dimensions	mm	914x607x360	914x607x360	914x607x360
outdoor unit packaging dimensions	mm	985x760x435	985x760x435	985x760x435
weight of outdoor unit (net/gross)	kg	52.7/56.1	52.7/56.1	52.7/56.1

MODEL	ALYS PLUS TRIAL 80 XD0B-O
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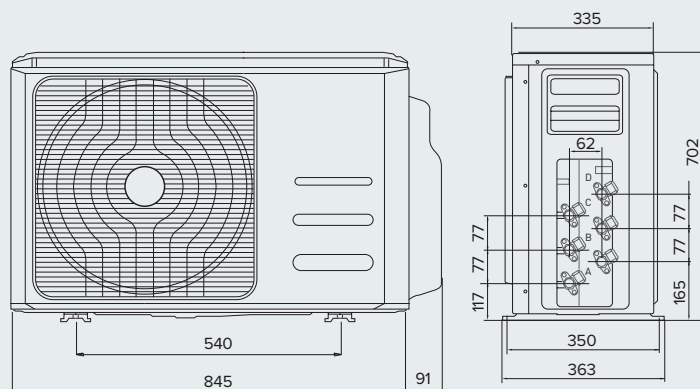
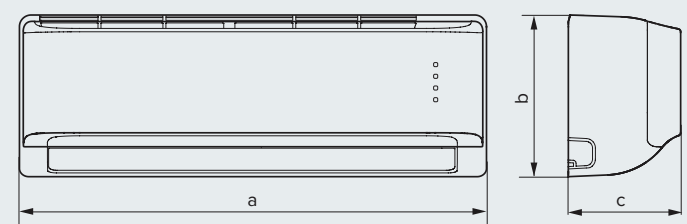
	Cooling energy class	A+
	Heating energy class (hot season)	A++
	Heating energy class (moderate season)	A

ALYS PLUS	25 UD0-I	35 UD0-I	50 UD0-I
Indoor unit code	3381197	3381199	3381201
ALYS PLUS OUTDOOR UNIT			TRIAL 80 XD0B-O
Outdoor unit code			3381204

For the full list of accessories, consult the table on page 79. For the full list of characteristics, consult the table on pages 66–67.

Electronic expansion valve included

MOD.	A	B	C
ALYS PLUS 25	715	250	188
ALYS PLUS 35	800	275	188
ALYS PLUS 50	940	275	205



⁽¹⁾ theoretical load, per delegated regulation of the Commission (CE) n. 626/2011 dated 4 May 2011

⁽²⁾ the nominal conditions refer to 35°C / 27°C (outdoors / indoors) for cooling and 7°C / 20°C (outdoors / indoors) for heating, measured according to EN 14511

MULTI SPLIT SOLUTIONS: WHICH COMBINATIONS TO CHOOSE

ALYS PLUS 25	ALYS PLUS 35	ALYS PLUS 50
DUAL		
••		
•	•	
	••	
•		•
TRIAL		
•••		
••	•	
•	••	
••		•
	•••	

ALYS PLUS PERFORMANCE

Combination [kW]				Nominal power of the individual units [kW]			Total power [kW]			Total power draw [kW]		
ALYS PLUS DUAL	unit 1		unit 2	unit 1		unit 2	min	nominal	max	min	nominal	max
COOLING	2.5		2.5	2.52		2.52	2.11	5.03	5.40	0.84	1.99	2.23
	2.5		3.5	2.16		3.02	2.18	5.18	5.50	0.86	2.06	2.25
	3.5		3.5	2.66		2.66	2.24	5.33	5.64	0.89	2.13	2.28
	2.5		5	1.80		3.60	2.27	5.40	5.67	0.91	2.16	2.29
HEATING	2.5		2.5	2.66		2.66	2.23	5.32	5.71	0.65	1.55	1.94
	2.5		3.5	2.34		3.28	2.36	5.63	5.91	0.73	1.73	2.04
	3.5		3.5	2.94		2.94	2.47	5.88	6.16	0.80	1.90	2.14
	2.5		5	2.00		3.99	2.51	5.99	6.22	0.84	1.99	2.19
ALYS PLUS TRIAL	unit 1	unit 2	unit 3	unit 1	unit 2	unit 3	min	nominal	max	min	nominal	max
COOLING	2.5	2.5	2.5	2.31	2.31	2.31	2.91	6.94	7.93	0.90	2.15	2.53
	2.5	2.5	3.5	2.17	2.17	3.04	3.10	7.39	8.06	1.00	2.39	2.74
	2.5	3.5	3.5	2.04	2.86	2.86	3.26	7.77	8.18	1.11	2.63	2.95
	2.5	2.5	5	1.98	1.98	3.97	3.33	7.94	8.24	1.16	2.75	3.06
	3.5	3.5	3.5	2.69	2.69	2.69	3.39	8.08	8.30	1.21	2.88	3.16
HEATING	2.5	2.5	2.5	2.53	2.53	2.53	3.18	7.58	8.80	0.86	2.04	2.41
	2.5	2.5	3.5	2.40	2.40	3.36	3.42	8.15	8.97	0.97	2.31	2.65
	2.5	3.5	3.5	2.27	3.18	3.18	3.62	8.62	9.14	1.08	2.58	2.89
	2.5	2.5	5	2.21	2.21	4.41	3.71	8.82	9.23	1.14	2.71	3.01
	3.5	3.5	3.5	3.00	3.00	3.00	3.78	9.00	9.31	1.19	2.84	3.13

MAIN FEATURES

			KIOS 25 MUD6	KIOS 35 MUD6	NEVIS 25 MUD0	NEVIS 35 MUD0	ALYS R32 25 MUD0	ALYS R32 35 MUD0	ALYS R32 50 MUD0	PRIOS R32 70 MUD0	ALYS PLUS 25 MUD0	ALYS PLUS 35 MUD0	ALYS PLUS 50 MUD0	KIOS multi	NEVIS multi	ALYS R32 multi	ALYS PLUS multi
EFFICIENCY	R32	Air conditioner filled with R32 unmixed refrigerant gas, with reduced CO ₂ emissions and with a GWP of 675	•	•	-	-	•	•	•	•	-	-	-	•	-	•	-
	ECO	This function, available only in cooling mode, minimises electricity consumption by optimising the compressor's operating parameters and the speed of the fans on the indoor and outdoor units, as the ambient temperature changes.	•	•	•	•	-	-	-	-	-	-	-	-	-	-	-
	SELF-CLEANING	This function reverses the rotation direction of the outdoor unit fan, directing the air flow onto the outdoor heat exchanger to clean the latter of any impurities and ensure long-lasting operation of the product. It is activated at every shutdown and during the SELF-CLEAN phase.	•	•	•	•	•	•	•	•	-	-	-	-	-	-	-
	1W STAND-BY	New power draw optimisation logic to cut consumption by up to 80% in stand-by mode.	•	•	•	•	•	•	•	•	•	•	•	-	-	-	-
	BLUE FIN	The hydrophilic treatment of the heat exchange batteries facilitates condensate drainage (without dripping) and accelerates defrosting, thus increasing the energy efficiency.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	OPTIMISED PIPE CROSS-SECTION	Compared to conventional pipes, the trapezoidal section of the new pipes allows more refrigerant to flow through them, thus increasing the energy efficiency.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	MULTI-SECTION EVAPORATOR	Due to the compact size of the indoor unit, the multi-section evaporator optimises the space for heat exchange and increases the thermal efficiency.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	3D INVERTER DC	Modulates the compressor frequency and the indoor and outdoor fan speeds.	•	•	•	•	-	-	•	•	-	-	•	•	•	*	*
	2D INVERTER DC	Modulates the compressor frequency and the outdoor fan speed.	-	-	-	-	•	•	-	•	•	-	-	-	-	*	*
COMFORT	FOLLOW ME	The air conditioning unit's operation depends on the remote control sensor, which detects the actual temperature of the room in which it is located.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SILENCE FUNCTION	With this function, the air conditioning unit sets an ultra-low fan speed for the indoor unit, keeping the room extremely silent.	•	•	•	•	•	•	•	•	•	•	•	-	-	-	-
	BOOSTER	This function reduces the time required to reach the set temperature.	•	•	•	•	•	•	•	•	-	-	-	-	-	-	-
	INDOOR 12-SPEED FAN	For each of the three speed settings (HIGH, MED, LOW), the air conditioner has three sub-settings. These, added to the dehumidification, turbo and silence function speeds, allow the air conditioning unit to have 12 air flow speeds.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	OUTDOOR 5-SPEED FAN	The 5-speed outdoor unit DC fan motor increases energy efficiency and reduces running noise to a minimum.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	VERTICAL SWING	Starts the automatic swinging of the flap.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	HORIZONTAL SWING	Starts the automatic swinging of the internal horizontal deflectors.	•	•	•	•	•	•	•	•	-	-	-	•	•	•	•
	AIRFLOW COMFORT	In cooling mode, the air flow is directed upwards, while in heating mode it is directed vertically downwards. This ensures an even temperature distribution throughout the room, thus optimising comfort.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	ANTI-COLD AIR	In heating mode, the indoor unit's fan speed is regulated to ensure that no cold air is delivered during the first few seconds of operation.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	TURBO FUNCTION	This function allows the unit to reach the set temperature in the shortest possible time.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	AUTO FUNCTION	The fan mode and speed are set automatically depending on the room temperature detected.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	DISPLAY OFF	Shuts the indoor unit's display off to enhance comfort, especially at night.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MAIN FEATURES

			KIOS 25 MUD6	KIOS 35 MUD6	NEVIS 25 MUD0	NEVIS 35 MUD0	ALYS R32 25 MUD0	ALYS R32 35 MUD0	ALYS R32 50 MUD0	PRIOS R32 70 MUD0	ALYS PLUS 25 MUD0	ALYS PLUS 35 MUD0	ALYS PLUS 50 MUD0	KIOS multi	NEVIS multi	ALYS R32 multi	ALYS PLUS multi
WELL-BEING	SLEEP	Adjusts the temperature automatically in order to make the room more comfortable at night.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	PLATINUM FILTER	Removes bacteria and mould and prevents the causes of common allergies by capturing allergens in the air and breaking them down.	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	AROMATHERAPY	Porous filter used in conjunction with essential oils (not supplied with the product) for fragrance diffusion.	•	•	•	•	o	o	o	o	o	o	o	•	•	o	o
	ANTI-ODOUR FILTER	Removes bad odours and volatile organic compounds.	o	o	o	o	•	•	•	•	•	•	•	o	o	•	•
	WASHABLE DUST FILTER	Removes any inclusions present in the air.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
UTILITY	EASY INSTALLATION & MAINTENANCE	Outdoor unit designed to make installation and maintenance as easy as possible.	•	•	•	•	-	-	-	-	-	-	-	•	•	-	-
	UNIVERSAL INDOOR UNIT	Universal mono/multi indoor unit, to optimise the use of space in the warehouse.	-	-	•	•	-	-	-	-	•	•	•	-	•	-	•
	R32 UNIVERSAL INDOOR UNIT	R32 universal mono/multi indoor unit, to optimise the use of space in warehouses.	•	•	-	-	•	•	•	-	-	-	-	•	-	•	-
	LOW AMBIENT COOLING	The air conditioner runs in cooling mode with outdoor temperatures lower than 15°C.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	REFRIGERANT LEAKAGE SENSOR	The air conditioner detects refrigerant leaks and shows an error message on the indoor unit's display.	•	•	•	•	•	•	•	•	•	•	•	-	-	•	-
	INVISIBLE DISPLAY	The display is positioned behind the indoor unit's panel for a more stylish look.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	FLAP AUTO MEMORY	Before it shuts off, the air conditioner saves the last position of the flap and restores it when next switched on.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	MEMORY	The air conditioner saves the current operational parameters, or restores its previous settings, including the operating mode, temperature setting, fan speed and sleep function (if enabled).	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	TIMER	Allows you to turn the air conditioning unit on or off at the desired time.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SELF CLEAN	Cleans and dries the evaporator automatically, preparing it for best performance the next time it runs.	•	•	•	•	•	•	•	•	•	•	•	-	-	-	-
	SELF-DIAGNOSTICS	The air conditioner's micro-computer monitors malfunctions and shuts the unit down accordingly, indicating the respective error codes on the indoor unit's display.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	AUTO-RESTART	When power is restored after a power failure, the air conditioner starts again with the previous settings, such as operating mode, temperature, fan speed and flap position.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	RUSTPROOFING	The outdoor unit's housing is rustproofed to prevent rust forming over time.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	FLEXIBLE CONDENSATE DISCHARGE	The indoor unit's condensate drainage pipe can be positioned on the same side as the refrigerant pipes or on the opposite side, for more flexible installation.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	AUTO-MATCHING FUNCTION	Thanks to the AUTO-MATCHING function, available for multi split appliances, the system automatically re-couples all the units connected to the outdoor unit correctly, even if the electrical connection has not been made correctly.	-	-	-	-	-	-	-	-	-	-	-	•	•	•	•

KEY:

- standard supply
- o optional
- not available
- * 3D function available with ALYS R32 50 and ALYS PLUS 50 indoor unit



DEHUMIDIFIERS



COMFORT IS IN THE AIR...



Excessively dry or humid air is noxious to the human body, for opposite reasons, and must be avoided. DEOS dehumidifiers by Ariston help to reduce the humidity in the room, making the environment healthier and more comfortable.

Besides natural and atmospheric causes, the amount of humid air in closed spaces can also increase for other reasons, for example due to the number of occupants and their activities (cooking, ironing, etc.): dehumidifiers allow you to keep the level of humidity constant.

/ TURBO FUNCTION

Activating the TURBO function increases the flow of air to ensure that the set humidity conditions are rapidly reached. In this way, well-being is ensured for the whole family.



/ LAUNDRY

This function maximises the appliance's dehumidification capacity thanks to the higher ventilation speed, making the product suited to particularly humid environments.



/ ULTRA-SILENT

Dehumidifiers of the new Ariston range are distinguished for their ultra-silent operation, which makes the room even more comfortable and healthy.



/ AIR PURIFIER

The Air Purifier is specifically designed for DEOS 21s which, thanks to the HEPA (High Efficiency Particulate Air) filter, eliminates dusts, bacteria and allergens present in the air.



DEHUMIDIFIERS



	DEOS	DEOS 16s* -18s - 20s			DEOS 21s	DEOS 30 - 50	
	11	16s	18s	20s	21s	30	50
RECOMMENDED SURFACE AREA (m²)	25	38	38	45	47	58	100
MAXIMUM SURFACE AREA (m²)	30	45	45	52	54	73	115
POWER DRAW (W)	289	312	379	389	395	462	786
TYPE OF REFRIGERANT	R134A	R134A			R134A	R410A	
TANK CAPACITY (litres)	1.5	3			3.3	3	6
WEIGHT (NET/GROSS) (kg)	9.5/10.5	12.1/13.6			12.2/14.7	15.3/16.4	19.8/21.2
TOUCH CONTROL AND LCD	-	-			yes	-	
TURBO FUNCTION	-	yes			yes	yes	
LAUNDRY FUNCTION	-	yes			super laundry	yes	
ULTRA-SILENT	yes	yes			yes	yes	
AIR PURIFIER	-	-			yes	-	
ANTI-MOULD FUNCTION	-	-			yes	yes	
CASTERS	rigid	multi-directional			multi-directional	multi-directional	
OVERALL DIMENSIONS mm (HxWxD)	325x478x170	350x510x245			350x510x245	386x500x260	392x616x282
COMMERCIAL CODE	3381082	3381213	3381264	3381214	3381173	3381215	3381216
PAGE	72	73			74	75	

* UNTIL STOCKS LAST

DEOS

ELECTRONIC
CONTROLCONTINUOUS
OPERATION

ULTRA-SILENT

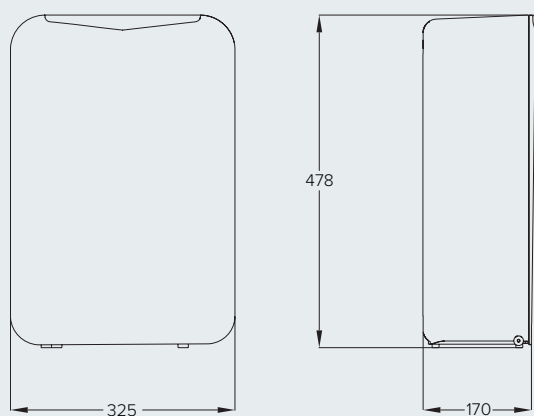


- / Electronic dehumidification control
- / Ultra-silent for maximum comfort
- / Continuous operation
- / Rotary compressor

- / Elegant and compact design

TECHNICAL DATA

DEOS 11



recommended surface area	m ²	25
maximum surface area	m ²	30
dehumidification	litres/day	11
power draw	W	289
sound pressure	dB(A)	39
refrigerant type		R134A
GWP		1430
operating temperature	°C	5/35
tank capacity	litres	1.5
power supply and number of phases	Hz - V - Ph	50-230-1
type of compressor		Rotary
maximum air flow	m ³ /h	105
standard refrigerant charge	kg	0.09
	t CO ₂ eq.	0.129
IP rating		IPX0
weight (net/gross)	kg	9.5/10.5

DEOS

11

CODE	3381082
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For the full list of accessories, consult the table on page 79.
For the full list of characteristics, consult the table on pages 76-77.

DEOS 16s - 18s - 20s

ELECTRONIC
CONTROLCONTINUOUS
OPERATION

ULTRA-SILENT



LAUNDRY

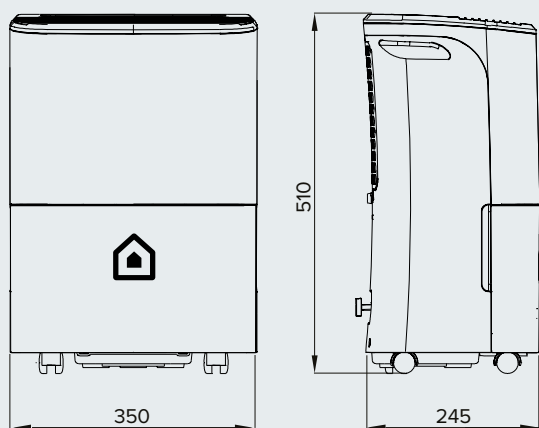


TIMER

ANTI-ODOUR
FILTER

- / Electronic dehumidification control
- / Ultra-silent
- / Laundry function
- / Continuous operation function
- / Automatic power on timer
- / Anti-odour filter
- / Rotary compressor
- / Designed by Ariston

NEW



TECHNICAL DATA

		DEOS 16s**	DEOS 18s*	DEOS 20s
recommended surface area	m ²	38	38	45
maximum surface area	m ²	45	45	52
dehumidification	litres/day	16	18.8	20
power draw	W	312	379	389
sound pressure	dB(A)	41	41	42
refrigerant type		R134A	R134A	R134A
GWP		1430	1430	1430
operating temperature	°C	5/35	5/35	5/35
tank capacity	litres	3	3	3
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1	50-230-1
type of compressor		ROT	ROT	ROT
maximum air flow	m ³ /h	150	150	150
standard refrigerant charge	kg	0.12	0.12	0.13
	t CO ₂ eq.	0.172	0.172	0.186
IP rating		IPX0	IPX0	IPX0
weight (net/gross)	kg	12.1/13.6	12.1/13.6	12.2/13.7

DEOS	16s	18s	20s
CODE	3381213	3381264	3381214

* DEOS 18S AVAILABLE FROM SEPTEMBER 2018

** DEOS 16S AVAILABLE UNTIL STOCKS LAST

For the full list of accessories, consult the table on page 79.

For the full list of characteristics, consult the table on pages 76-77.

DEOS 21s

SUPER
LAUNDRY

ANTI-MOULD



AIR PURIFIER



TOUCH

ELECTRONIC
CONTROLCONTINUOUS
OPERATION

ULTRA-SILENT

HUMIDITY &
TEMPERATURE

TIMER



TURBO

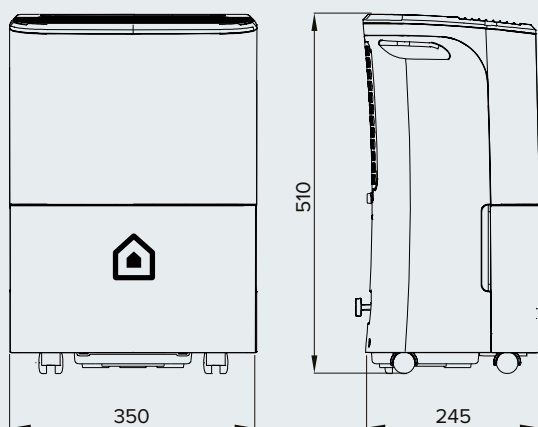
AUTO
FUNCTION

- / Super Laundry function
- / Anti-mould function
- / Air purifier function
- / Electronic dehumidification control
- / Continuous operation
- / Ultra-silent
- / Automatic power on timer
- / Turbo function
- / Rotary compressor

- / Touch display
- / Designed by Ariston

TECHNICAL DATA

DEOS 21s



recommended surface area	m ²	47
maximum surface area	m ²	54
dehumidification	litres/day	21
power draw	W	395
sound pressure	dB(A)	41
refrigerant type		R134A
GWP		1430
operating temperature	°C	5/35
tank capacity	litres	3.3
power supply and number of phases	Hz - V - Ph	50-230-1
type of compressor		Rotary
maximum air flow	m ³ /h	225
standard refrigerant charge	kg	0.14
IP rating	t CO ₂ eq.	0.200
weight (net/gross)	kg	IPX0 12.2/14.7

DEOS

21s

CODE

3381173

For the full list of accessories, consult the table on page 79.
For the full list of characteristics, consult the table on pages 76-77.

DEOS 30 - 50



DRAIN PUMP *

ELECTRONIC
CONTROLCONTINUOUS
OPERATION

ULTRA-SILENT



LAUNDRY

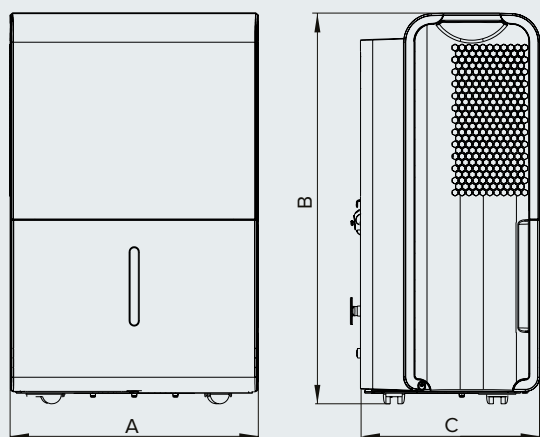


TIMER

ANTI-ODOUR
FILTER

- / Anti-mould function
- / Electronic dehumidification control
- / Continuous operation function
- / Laundry function
- / Ultra-silent
- / Automatic power on timer
- / Turbo function
- / Filter cleaning function
- / Drain pump
(available on DEOS 50)
- / Rotary compressor

* available for model DEOS 50



TECHNICAL DATA

DEOS 30

DEOS 50

recommended surface area	m ²	58	100
maximum surface area	m ²	73	115
dehumidification	litres/day	30	50
power draw	W	462	786
sound pressure	dB(A)	47	45
refrigerant type		R410A	R410A
GWP		2088	2088
operating temperature	°C	5/35	5/35
tank capacity	litres	3	6
power supply and number of phases	Hz - V - Ph	50-230-1	50-230-1
type of compressor		ROT	ROT
maximum air flow	m ³ /h	210	210
standard refrigerant charge	kg	0.22	0.29
IP rating	t CO ₂ eq.	0.459	0.606
weight (net/gross)	kg	15.3/16.4	19.8/21.2

OVERALL DIMENSIONS

a	mm	386	392
b	mm	500	616
c	mm	260	282

DEOS	30	50
CODE	3381215	3381216

For the full list of accessories, consult the table on page 79.
For the full list of characteristics, consult the table on pages 76-77.

MAIN FEATURES

			DEOS 11	DEOS 16s	DEOS 18s	DEOS 20s	DEOS 21s	DEOS 30	DEOS 50
EFFICIENCY	BLUE FIN	The hydrophilic treatment of the heat exchange batteries facilitates condensate drainage (without dripping) and accelerates defrosting, thus increasing the energy efficiency.	•	•	•	•	•	•	•
	OPTIMISED PIPE CROSS-SECTION	Compared to conventional pipes, the trapezoidal section of the new pipes allows more refrigerant to flow through them, thus increasing energy efficiency.	•	•	•	•	•	•	•
	ANTI-FROST FUNCTION	Prevents the evaporator from frosting, thereby extending the dehumidifier's life and enhancing energy saving.	•	•	•	•	•	•	•
COMFORT	ELECTRONIC CONTROL	The dehumidifier's control logic increases its power and efficiency.	•	•	•	•	•	•	•
	WATER LEVEL INDICATOR	Indicates the water level in the tank without the need to remove it	•	•	•	•	•	•	•
	FIXED WHEELS	Integrated wheels make moving the appliance a cinch	•	–	–	–	–	–	–
	CASTER WHEELS	Integrated caster wheels make moving the appliance a cinch	–	•	•	•	•	•	•
	TRANSPORT HANDLE	Ergonomic handle for transporting and moving the dehumidifier	•	•	•	•	•	•	•
	TOUCH CONTROL	Touch sensor control panel.	–	–	–	–	•	–	–
	LCD DISPLAY	The backlit LCD display optimises visibility and resolution.	–	–	–	–	•	–	–
WELL-BEING	TURBO FUNCTION	Increases the flow of air to quickly reach the humidity setpoint.	–	•	•	•	•	•	•
	SUPER LAUNDRY FUNCTION	This function is designed specifically for drying laundry, with automatic fan speed and humidity control in response to the room temperature.	–	–	–	–	•	–	–
	LAUNDRY FUNCTION	Maximises dehumidification power by increasing the fan speed, making the appliance ideal for particularly humid areas like laundry rooms.	–	•	•	•	–	•	•
	AIR PURIFIER	Dedicated function which uses the included HEPA (High Efficiency Particulate Air) filter to reduce the dust, bacteria and allergen content in the room.	–	–	–	–	•	–	–
	ANTI-MOULD FUNCTION	Sets the relative humidity automatically to maximise the perceived comfort, while keeping the area clear of mould and bacteria.	–	–	–	–	•	•	•
	FILTER CLEANING	Warns the user that the filter must be cleaned to keep the air flow optimal and prevent the development of mould and bacteria.	–	–	–	–	–	•	•
	ANTI-ODOUR FILTER	Removes bad odours and volatile organic compounds.	–	•	•	•	○	•	•
	AROMATHERAPY	Porous filter used in conjunction with essential oils (not supplied with the product) for fragrance diffusion.	–	○	○	○	○	○	○
	WASHABLE DUST FILTER	Removes any inclusions present in the air.	•	•	•	•	•	•	•

MAIN FEATURES

			DEOS 11	DEOS 16s	DEOS 18s	DEOS 20s	DEOS 21s	DEOS 30	DEOS 50
UTILITY	TIMER	Allows you to turn the air conditioning unit on or off at the desired time.	-	•	•	•	•	•	•
	AUTO FUNCTION	The fan speed and humidity are controlled automatically to maximise comfort in relation to the measured room temperature.	-	-	-	-	•	-	-
	ELECTRONIC HUMIDISTAT	Precisely measures the relative humidity in the room.	•	•	•	•	•	•	•
	ROOM MOISTURE DISPLAY	When the dehumidifier is connected to the mains, the appliance displays the ambient humidity even when it is switched off.	-	-	-	-	•	-	-
	ROOM TEMPERATURE DISPLAY	The room temperature appears on the dehumidifier's display.	-	-	-	-	•	-	-
	CONTINUOUS OPERATION	When this function is enabled, the humidity cannot be set and the appliance runs continuously at maximum power without considering the humidity in the room.	•	•	•	•	•	•	•
	CONTINUOUS DRAINAGE	Bypasses the water tank and diverts the drained condensate to any other water collection point.	•	•	•	•	•	•	•
	DRAIN PUMP	The integrated drain pump allows for bypassing the water tank and diverting the drained condensate to any other water collection point.	-	-	-	-	-	-	•
	SAFETY LAMP	Indicates that the maximum water level has been reached on the display.	•	•	•	•	•	•	•
	TANK FULL STOPPAGE	The dehumidifier stops running automatically when the water tank is full.	•	•	•	•	•	•	•
	SELF-DIAGNOSTICS	The dehumidifier's micro-computer monitors malfunctions and shuts the unit down accordingly, indicating the respective error codes on the indoor unit's display.	•	•	•	•	•	•	•
	SELF CLEAN	Cleans and dries the evaporator automatically, preparing it for best performance the next time it runs.	-	-	-	-	•	-	-
	AUTO-RESTART	This function allows the dehumidifier to restart, following a blackout, from the last set function.	•	•	•	•	•	•	•
	INTEGRATED CABLE WINDER	Integrated cable winder on the back of the appliance.	-	•	•	•	•	•	•

- KEY:**
- standard supply
 - optional
 - not available



ARISTON

**AIR CONDITIONING AND
DEHUMIDIFICATION ACCESSORIES**



AIR CONDITIONING ACCESSORIES

	Code	KIOS	NEVIS	ALYS R32	PRIOS R32	ALYS PLUS	KIOS MULTI	NEVIS MULTI	ALYS R32 MULTI	ALYS PLUS MULTI
ACCESSORIES SUPPLIED										
ECO REMOTE CONTROL	3381172	●	●	●	●	●	●	●	●	●
PROTECH AROMATHERAPY	3381104	●	●	-	-	-	●	●	-	-
ANTI-ODOUR FILTER	3381106	-	-	●	●	●	-	-	●	●
OPTIONAL ACCESSORIES										
ARISTON CLIMA R32 WI-FI KIT	3381304	-	-	●	●	-	-	-	●	-
WI-FI KIT	3381247	●	●	-	-	-	●	●	-	-
PLATINUM FILTER	3381103	●	●	●	●	●	●	●	●	●
PROTECH AROMATHERAPY	3381104	-	-	●	●	●	-	-	●	●
ANTI-ODOUR FILTER	3381106	●	●	-	-	-	●	●	-	-
Kit for pipe reduction from 1/2" to 3/8"	3380925	-	-	-	-	-	-	●	●	●

DEHUMIDIFICATION ACCESSORIES

	Code	DEOS 11	DEOS 16s	DEOS 18s	DEOS 20s	DEOS 21s	DEOS 30	DEOS 50
ACCESSORIES SUPPLIED								
ANTI-ODOUR FILTER	3381106	-	●	●	●	-	●	●
OPTIONAL ACCESSORIES								
PROTECH AROMATHERAPY	3381104	-	●	●	●	●	●	●
ANTI-ODOUR FILTER	3381106	-	-	-	-	●	-	-



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