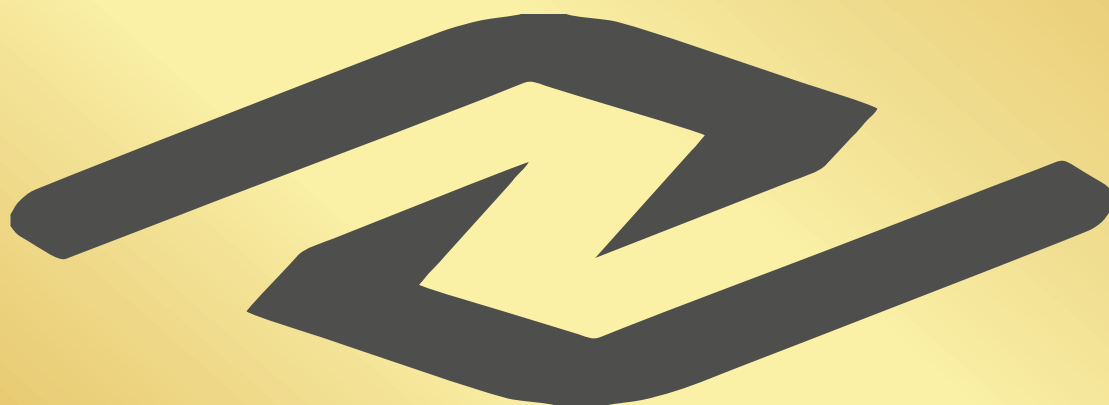


Improve the environment







#### Functions



#### FINANCIAL

The central capitalization of Naicon Group guarantees to each Division the necessary financial support for their operational development in Italy and in foreign markets.

#### BUSINESS

The focal points are: distribution agreements, national and international strategic alliances, communication, research and development, management successful features, both for Elsisist and Diloc. Naicon Group controls manufacturing and technological processes, achieving suitable and customized solutions.

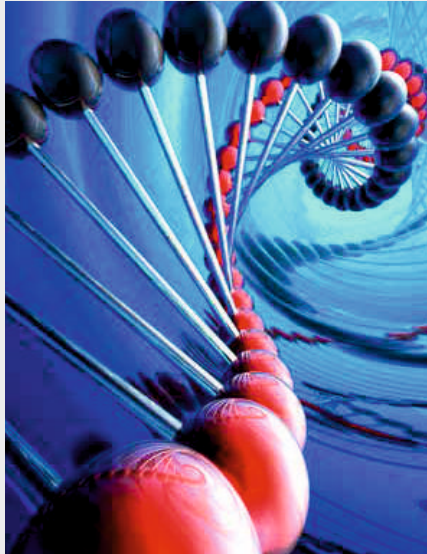
#### MARKETING

Naicon Group invests almost 10% of its turn-over in marketing and communication activities, aiming keep customers always up to date on its activities.

#### LOGISTICS

Naicon Group has a central warehouse and a Logistic Center coordinated directly from the headquarter; this allows to dispatch and deliver goods in the fastest way. By using the TAX service, for example, the goods are delivered in 24 hours from the order reception.

#### Brands



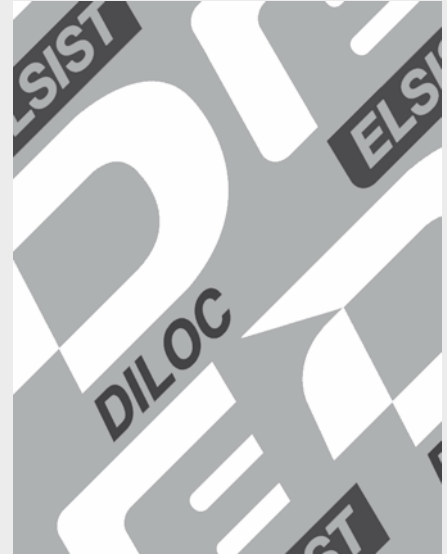
#### ELSIST

Elsist UPS range, supported by a strong R&D department, is able to satisfy any requirement and application. The product range is continuously updated to provide high reliability and advanced technology. The cooperation with the most important manufacturers of electronics and batteries allows us to sell a reliable product. We offer a range up to 800kVA, with standard and custom products, characterized by low distortion technology and high efficiency inverter. We also focus on technical assistance service, with maintenance contracts that cover even the most critical application. Our Safety Contract includes the UPS monitoring 24/7.

#### DILOC

Diloc proposes a DC Inverter line from 2.0 to 12 kw in mono and multi versions, a low environmental impact line without outdoor engine, a product range that can be used in service industry, commercial environments, retail and in the air barrier system. Our national and international organization guarantees extremely fast intervention time in case of after-sales problems.

#### Logo



Uninterruptible  
Power Systems



Air Conditioning

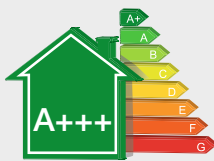
# AIR CONDITIONING SYSTEMS

## Air conditioning systems DILOC with the new R32 gas for helping the environment

NAICON's goal is to contribute to the reduction of CO2 emissions, ensuring a climate of well-being in homes, offices and public buildings. In agreement with leading manufacturers of air conditioning systems, NAICON has developed a product range that meets the needs for any type of installation. Innovative design, functionality, easy installation and energy efficiency make the NAICON range of air conditioning system suitable for any environment and any surface, with excellent value for money. Our DC INVERTER Air Conditioning Systems have been designed to provide maximum comfort with minimal energy consumption while helping to safeguard the future of the Earth.

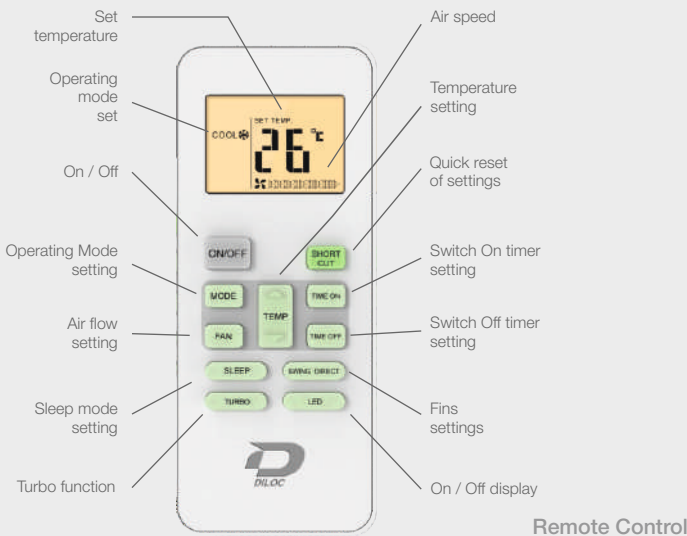
# COMFORT ORIENTED TECHNOLOGY

Thanks to their good price / quality ratio, DILOC products guarantee a low noise level, a high efficiency standard with a consistent air flow and a particular attention to environmental sustainability using the new low pollution coefficient GAS R32 (GWP).



compressor only

# DILOC REMOTE CONTROL





# HOW TO SELECT THE BEST AIR CONDITIONING SYSTEM WITH THE RIGHT VALUE FOR MONEY

## Diloc advantages

DILOC 2018 DC INVERTER product range for domestic use has an high energy efficiency that can save up to 50% of energy consumption. The range is in class A+, A++ and A+++ both during cooling and heating mode. The noise level has been further improved according to the new regulations. Careful attention to detail enables us to propose a low environmental impact and a low power consumption by using R32 gas. EASY DESIGN model without the outdoor unit guarantees the A+ class with the new regulations, for a further reduction in consumption. It is the ideal air conditioner to avoid the installation of outdoor units outside the building.



Accurate controls and reliable validation tests

- Noise check at worst case condition.
- Ventilation air flow test.
- Controls of all electrical contacts in heating and cooling operation.
- Appearance and finishing controls.
- Flaps control
- Conversion Table
- Frig/h - Kcal/h
- Condensing exhaust pipe checking.
- Final appearance checking.
- Packaging checking.

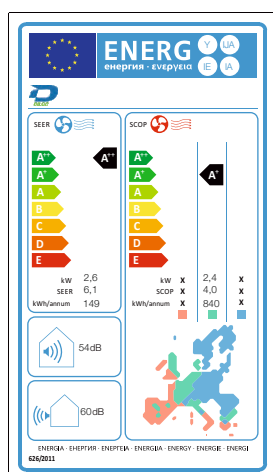
**2 YEARS WARRANTY**



All products in this catalog are supplied by 230V – 50Hz ±5%

### Conversion Table

	Watt	Frig/h - Kcal/h	BTU/h
<b>Watt</b>	1	0,86	3,41
<b>Frig/h - Kcal/h</b>	1,16	1	3,98
<b>BTU/h</b>	0,29	0,25	



Energy Classification for installations up to 12kW

Energy Class	SEER	SCOP
A+++	SEER ≥ 8,5	SCOP ≥ 5,10
A++	6,10 ≤ SEER < 8,5	4,60 ≤ SCOP < 5,10
A+	5,60 ≤ SEER < 6,10	4,00 ≤ SCOP < 4,60
A	5,10 ≤ SEER < 5,60	3,80 ≤ SCOP < 4,00
B	4,60 ≤ SEER < 5,10	3,10 ≤ SCOP < 3,80
C	4,10 ≤ SEER < 4,60	2,80 ≤ SCOP < 3,10
D	3,60 ≤ SEER < 4,10	2,50 ≤ SCOP < 2,80
E	3,10 ≤ SEER < 3,60	2,20 ≤ SCOP < 2,50
F	2,60 ≤ SEER < 3,10	1,90 ≤ SCOP < 2,20
G	SEER < 2,60	SCOP < 1,90

## RIGHT VALUE FOR MONEY THE BEST CUSTOMER SUPPORT

### Customer Care

Our customer care is at your disposal to provide you with all information about products and their availability. Please, contact us by phone, fax or email:

Tel: + 39 02.95003.1

Fax: +39 02.95003.313

e-mail: [naicon@naicon.com](mailto:naicon@naicon.com)



## NAICON WEB SITE: EXPERIENCE AND DOCUMENTATION

### Website

On the Naicon website you can find all the information about the Company, consult the technical documentation in pdf format, find the products that interest you, check if you have a standard system and contact the company at the email address [naicon@naicon.com](mailto:naicon@naicon.com) - <https://www.naicon.com>



## SERVICE DILOC: SPEED AND KINDNESS

### Service

A widespread organization of Service Centers throughout the countries. Quick response is guarantee by sending a request to [naicon.com/company/diloc/modulo-richiesta-assistenza-diloc/](https://www.naicon.com/company/diloc/modulo-richiesta-assistenza-diloc/). In order to speed up the repair of the failure, you must indicate in the form:

- CUSTOMER DATA
- SERIAL NUMBER
- PRODUCT MODEL
- FAILURE CODE DISPLAYED (alphanumeric)



# THE SYSTEM WITH LOW ENVIRONMENTAL IMPACT

Series without Outdoor unit R410A

## Energy Label

Introduced by the European Community, the energy label is valid in all member states and further enhances the performance of models without an external unit.

## Regulatory constraints

Always more often, technical magazines publish legal bans requiring removal of outdoor units from building facades.

In addition, the law governing residential buildings establishes ever greater restrictions on the installation of traditional air conditioners

## Low noise at the best

Despite high powers, a low noise is guaranteed. This is a further guarantee of quality and design of Diloc laboratories.

## No stock accessories!

A further contribution to the installer is the suppression of warehouse spare parts! This means no management of spare parts, no warehouse or warehousing products. In addition, copper tubes, pipes, bending pumps, pumps, detectors are no longer needed. Only a core drill will be used.

## Easy installation and low environmental impact

The EASY DESIGN air conditioners without external unit are easy to install: they are mounted in a very short time, simply by drilling two holes in the wall with the help of a drill bit, without having to make wall tracks or install ducts. It does not require refrigeration installations.

Just plug in the power supply to make EASY DESIGN ready to use.

Externally, only two small ventilation grilles appear, which can be painted in the same color as the façade

## Main Features

EASY DESIGN air conditioners have a high efficiency compressor that guarantees the best efficiency and low consumption.

Thanks to the prevalence of the fan, the plastic pipes can be extended to a max. linear length of 2m.

The fixture housing is made of metal.

The filter is removable for periodic air cleaning.

The electronic display located on the front of the air conditioner, displays the set temperature and the ambient temperature, highlighting the selected function.

The Powered remote control ensures that the signal is sent to the receiver of the device without disturbance.

An audible signal advise that the selected command is Activated.

## OPTIONAL:

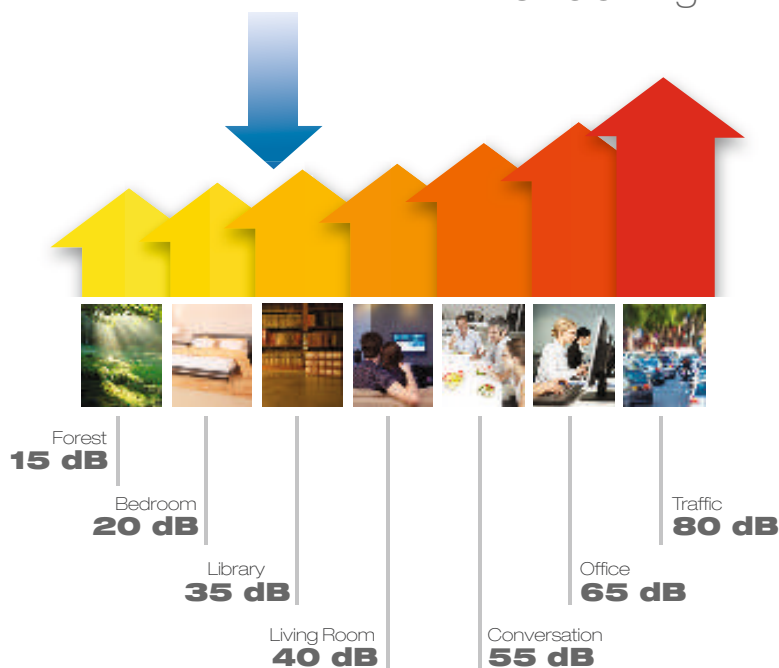
wired remote control D.EASYRC



Easy Design

**34 dB**  
**25 dB**

when blowing



Energy classification for air conditioners without an outdoor unit

Energy Class	DOUBLE DUCT		SINGLE DUCT	
	EER	COP	EER	COP
A+++	≥ 4,10	≥ 4,60	≥ 4,10	≥ 3,60
A++	≥ 3,60	≥ 4,10	≥ 3,60	≥ 3,10
A+	≥ 3,10	≥ 3,60	≥ 3,10	≥ 2,60
A	≥ 2,60	≥ 3,10	≥ 2,60	≥ 2,30
B	≥ 2,40	≥ 2,60	≥ 2,40	≥ 2,00
C	≥ 2,10	≥ 2,40	≥ 2,10	≥ 1,80
D	≥ 1,80	≥ 2,10	≥ 1,80	≥ 1,60
E	≥ 1,60	≥ 1,80	≥ 1,60	≥ 1,40
F	≥ 1,40	≥ 1,60	≥ 1,40	≥ 1,20
G	< 1,40	< 1,60	< 1,40	< 1,20

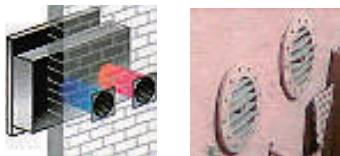


# EASY DESIGN – without outdoor unit

Monobloc / wall mounted air conditioner without R410A outdoor unit

The digital compressor allows you to adjust the power according to the desired temperature in order to obtain a consumption comparable to an Inverter product, without the annoying variable noise produced by the modulation.

Code		D.10000SM+	D.13000SM+
Technical Features			
Cooling capacity	kW	3,10	3,75
Heating capacity	kW	3,21	3,58
Energy Class	EER	3,25 A+	3,25 A+
	COP	3,61 A+	3,61 A+
Power Consumption Cooling	kW	0,95	0,89
Power Consumption Heating	kW	0,89	0,89
Current Consumption Cooling	A	3,9	3,8
Current Consumption Heating	A	4,5	4,5
dehumidification	l/h	0,9	0,9
Internal air flow rate	m3/h	450	450
Sound Pressure level	dB(A)	34 - 43	34 - 43
Exchange holes diameter	mm	155/165	155/165
Dimensions (WxHxD)	mm	930x550x230	930x550x230
Weight	kg	45	45



Exchange holes: Technical view and outdoor installation with low environmental impact



REMOTE CONTROL  
(DEFAULT)



CONTROLLER  
WALLMOUNT (OPT.)



COMPRESSOR  
5 YEARS  
WARRANTY



DIGITAL  
COMPRESSOR



# DEHUMIDIFIER

Compact size 18 and 22 liters, with wheels

The COMPACT series from Diloc combines technology and power with moving capability. Thanks to its small size, it is extremely practical and can be used even in environments with high humidity. Easy to position, it guarantees the reduction of humidity in the air throughout the day.

Code		D.18TU	D.22TU
Technical features			
Power supply	V, Ph, Hz	220-240V, 1 Ph, 50Hz	
Dehumidify capacity	l/h	0,74	0,93
Power consumption	W	260	390
Current consumption	A	1,3	2,0
Air volume	m³/h	155	155
Sound pressure level	dB (A)	46	46
Environment	m²	29-44	37-52
Refrigerant	--	R134a	R134a
Pan capacity	l	2,5	2,5
Dimensions (WxHxD)	mm	260x485x285	260x485x285
Weight	kg	13	13



DEHUMIDIFIER







# PORTABLE

Cold air Portable series with gas R410A

Best efficiency and reliability with small size.  
Great for houses, public places, shops and premises where it is not possible to carry out work for outdoor units



Code		D.9TF	D.12TF
Technical Features			
Power supply	V, Ph, Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz
Cooling	BTU/h	9000	12000
Energy Class	EER	A	A
Noise	db	≤53dB (A)	≤53dB (A)
Fan speed	numero	2	2
Timer	ore	24	24
Sleep function		Si	Si
Full tank indicator		Si	Si
Dimensions	mm	320x730x370	320x730x370
Weight (packing)	kg	20,5	23
Cooling capacity	mq (max)	18	22



DEHUMIDIFIER



# KOLCLIMA

## DC Inverter R410A

DC inverter column air conditioner R410A gas suitable for open spaces, restaurants, bars, autogrill, churches, etc. Both in heating and in cooling mode. It is advisable to provide a base of about 50 cm. to increase airflow. For large spaces, fans are indicated for removing airflow and keep air temperature homogeneous.

Code

D.26000COL

### Technical Features

Power Supply	V, Ph, Hz	220-240V, 1Ph, 50Hz
Cooling capacity	W	7600(2600~8400)
Heating capacity	W	8400(3500~8600)+2100
SEER	Cooling	5,1
SCOP	Heating	3,8
Energy Class	Cooling	A
	Heating	A
Power consumption cooling	W	2485(660~3000)
Power consumption heating	W	2470(900~3200)+2100
Current consumption cooling	(A)	10.8(2.6~13.0)
Current consumption heating	(A)	10.7(3.9~13.9)+9.1
Air flow indoor unit	m³/h	1100
Sound pressure indoor unit	dB (A)	42~48
Sound pressure outdoor unit	dB (A)	58
Preloaded cooling gas R410A 5mt	g	2290
Cooling charge additional Diameter	g/m	15
Pipes	"	1/4 - 3/8
Dimensions indoor (WxDxH)	mm	520x210x1690
Dimensions outdoor (WxDxH)	mm	870x310x700
Weight indoor unit	Kg	53
Weight outdoor unit	Kg	58
Max. length pipes	m	15
Max. height pipes	m	5

HEATING  
PUMP

DEHUMIDIFIER

COMPRESSOR  
5 YEARS  
WARRANTY



HEATING PUMP



DEHUMIDIFIER



SLEEP



AUTO SWING



COMPRESSOR 5 YEARS WARRANTY

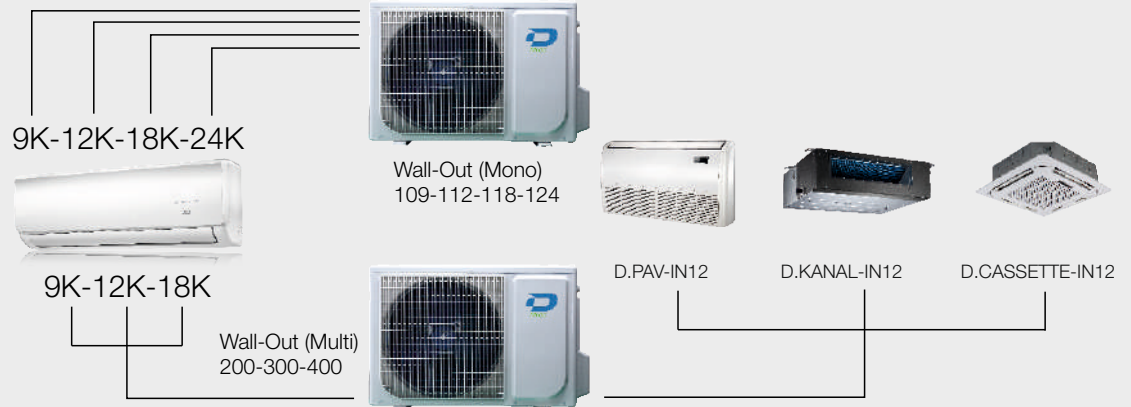


BACKLIGHT DISPLAY

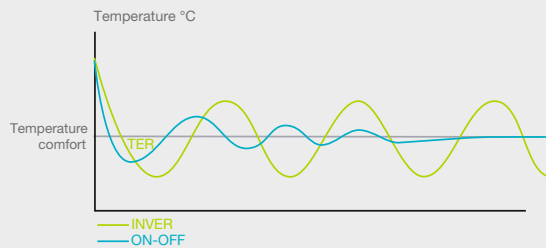


# WALL-I MONO E MULTI DC INVERTER

DC Inverter R410A



The DC INVERTER DILOC air conditioner produces the exact power required to produce the desired effect , already in the start-up phase: warm in autumn and cold in summer. This feature allows to reach the set comfort temperature within a quarter of the time required by conventional air conditioning.



Wall-In Indoor units at 9,000, 12,000 and 18,000 BTU can be combined with all mono and multi DCINVERTER Units;

Wall-I air-conditioners are in A++ class in cool mode and A+ in heat mode with SCOP greater than 4.00.

Wall-In units are equipped with an easy-to-use remote control included in the package;

**Wi-Fi:** The entire Wall-In series is equipped with Wi-Fi function and with the ability to control airconditioning via Tablet, iPad and smartphone. All the functions of the product can be handled

**Wall mounted controller (OPTIONAL):** In case you do not want the classic remote control, the Wall-I system allows to manage the main functions of the air conditioner via a Remote Controller;

**Heating pump:** Wall-I air conditioners feature heat pump function for use in the colder months.

**Dehumidification:** the Wall-I air conditioning allows you to reduce that annoying sense of wet thanks to a state-of-the-art system for reducing humidity in closed areas;

**Sleep function:** Wall-I air-conditioning modifies its night operation taking into account the reduction in human body temperature, as well as decreasing the noise of the function

**Auto Swing:** oscillazione automatica delle alette di gestione del flusso dell'aria;

**5 years warranty:** The compressor has a 5 year free warranty extension thanks to the reliability of the Wall-I air conditioner engine;

**Back light Display:** on Wall-I Air Conditioners the data set is visible on a modern, back-lighted display. For those who want a further reduction in product lighting, you can turn off the display.



# WALL-OUT FOR SINGLE DC INVERTER

## Single connection Outdoor unit DC Inverter R410A

External Wall-Out Single connection units ensure a Class A++ operation while reducing power consumption during operation. Stand-by power consumption is reduced to only 0.5 watts. The compressor is a high-efficiency Japanese high power DC inverter technology.



Codice

D:WALL-OUT109 D:WALL-OUT112 D:WALL-OUT118 D:WALL-OUT124

### Technical Features

		END-OF-LIFE AVAILABLE UNTIL STOCK CONSUMPTION			
Power supply	V, Ph, Hz	220-240V~, 1P, 50Hz			
Cooling capacity	W	2637(1286~3297)	3516(1260~4466)	5128(1699~5949)	7033(2520~8890)
Heating capacity	W	2930(967~3722)	3663(1019~4689)	5275(1119~6383)	7326(2038~9135)
SEER	Cooling	6,1	5,6	6,5	6,1
SCOP	Heating	4,0	4,0	4,0	4,0
Energy Class	Cooling	A++	A+	A++	A++
Energy Class	Heating	A+	A+	A+	A+
Power consumption cooling	W	112~1270	138~1720	142~2290	171~2780
Power consumption heating	W	147~1330	151~1670	179~2280	235~3140
Current consumption cooling	(A)	0.49~5.52	0.6~7.48	0.62~9.95	0.74~12.09
Current consumption heating	(A)	0.64~5.78	0.66~7.26	0.78~9.91	1.02~13.65
Sound pressure outdoor u.	dB (A)	57	56	61	60
Pipe diameter (Liquid)	"	1/4	1/4	1/4	3/8
Pipe diameter (Gas)	"	3/8	3/8	1/2	5/8
Dimensions Outdoor U (WxDxH)	mm	780x250x540	780x250x540	810x310x558	845x320x700
Weight Outdoor U.	Kg	27,4	27,2	36,5	47
Max. Pipes Length	m	25	25	30	30
Max. Pipes height	m	10	10	20	20
Cooling gas pre-loaded (5m)	g	950	950	1650	1950
Additional cooling gas charge	g/m	15	15	15	15



COMPRESSOR  
5 YEARS  
WARRANTY



# WALL-OUT FOR MULTI DC INVERTER

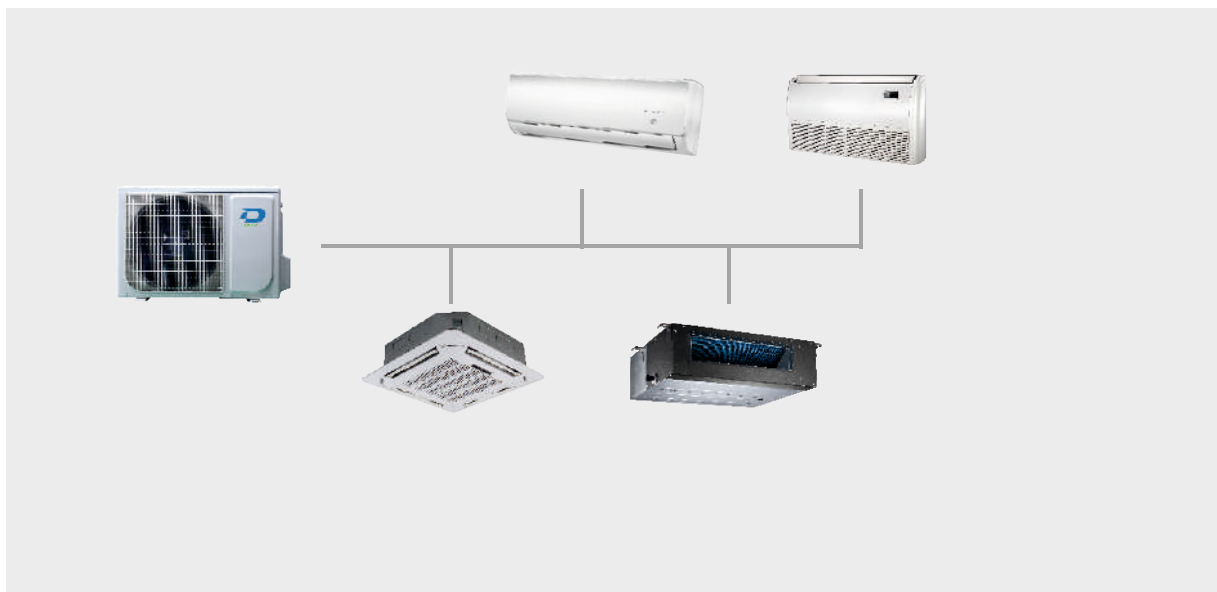
Outdoor Unit with two, three, four connections DC Inverter R410A

Wall-out outdoor units with two, three or four connections guarantee A++ class operation while reducing power consumption. Stand-by time consumption is reduced to only 0.5 W. The compressor is a high-efficiency Japanese high power DC inverter technology.

Code		D.WALL-OUT200	D.WALL-OUT300	D.WALL-OUT400
Technical Features				
Power supply	V, Ph, Hz	220-240V~,1P, 50Hz		
Pdesign Cooling	KW	4,1 (2,2-6,1)	6,1 (2,3-10)	8,2 (2,3-10)
Pdesign Heating	KW	4,4 (2,4-6,5)	6,6 (2,5-10)	8,8 (2,5-10)
SEER	Cooling	6,8	6,4	6,8
SCOP	Heating	4,0	4,0	4,0
Energy Class	Cooling	A++	A++	A++
Energy Class	Heating Average	A+	A+	A+
Cooling capacity	W	4120 (2140-6130)	6154 (2300-1000)	8205 (2328-10095)
	Btu/h	14000	21000	28000
Heating capacity	W	4396 (2400-6460)	6594 (2510-10010)	8792 (2528-10095)
	Btu/h	15000	22500	30000
Power consumption Cooling	W	1400	1917	2556
Power consumption Heating	W	1250	1782	2435
Current consumption Cooling	(A)	5,20	8,30	11,4
Current consumption Heating	(A)	5,00	7,80	10,60
EER for Cooling	W/W	3,41	3,21	3,21
COP for Heating	W/W	3,80	3,7	3,61
Cooling gas		R410A	R410A	R410A
Cooling gas pre-charged (5m/U.I.)	g	1250	2100	2400
Additional cooling gas charge	g/m	15	15	15
Sound pressure level Outdoor unit	dB (A)	54	57,5	60
Sound Power level Outdoor unit	dB (A)	60	65	66
Pipe diameter (liquid)	"	1/4	1/4	1/4
Pipe diameter (Gas)	"	3/8	3/8	3/8
Pipes max. length	m	30	45	60
Pipes max. height	m	10	10	10
Additional charge	g/m	15	15	15
Dimensions Outdoor unit (WxDxH)	mm	800x333x554	845x363x702	946x410x810
Weight Outdoor unit	Kg	30,5	47	67,6
Packaging dimensions Outdoor unit (WxDxH)	mm	920x390x615	965x395x755	1090x500x865
Gross weight Outdoor unit	Kg	33,5	50,2	73,4



COMPRESSOR  
5 YEARS  
WARRANTY



# WALL-IN SINGLE & MULTI DC INVERTER Wi-Fi

## Indoor units DC Inverter R410A with Wi-Fi

The Wall-In Series Indoor Units combine high energy efficiency (class A++) with the ability to be installed with both Single connection and Multi connection Outdoor Wall-Out units. Maximum installation flexibility and good air distribution in the environment are the main features of this series.

Code D.WALL-IN9W D.WALL-IN12W D.WALL-IN18W D.WALL-IN24W

### Technical Features

Power Supply	V,Ph,Hz	220-240V~, 1P, 50Hz			
Cooling capacity	W	2637	3516	5275	7033
Heating capacity	W	2930	3809	5568	7326
Power consumption cooling	W	24	24	34	62
Power consumption heating	W	24	24	34	62
Current consumption	Cooling (A)	0,11	0,11	0,15	0,28
	Heating (A)	0,11	0,11	0,15	0,28
Air flow	m3/h	430/320/230	485/390/310	610/460/360	960/820/650
Sound pressure Indoor u.	dB (A)	38/31/26	36/29/23	36/29/23	43/37/31
Pipes diameter (Liquid)	"	1/4	1/4	1/4	3/8
Pipes diameter (Gas)	"	3/8	3/8	1/2	5/8
Dimensions Indoor u. (WxDxH)	Indoor Unit	715x188x250	800x188x275	940x205x275	1045x235x315
Weight	Indoor Unit	6,5	7,4	9	12



HEATING  
PUMP



DEHUMIDIFIER



SLEEP



AUTO  
SWING



STANDBY  
0.5 WATT



REMOTE CTRL  
(DEFAULT)



COMPRESSOR  
5 YEARS  
WARRANTY



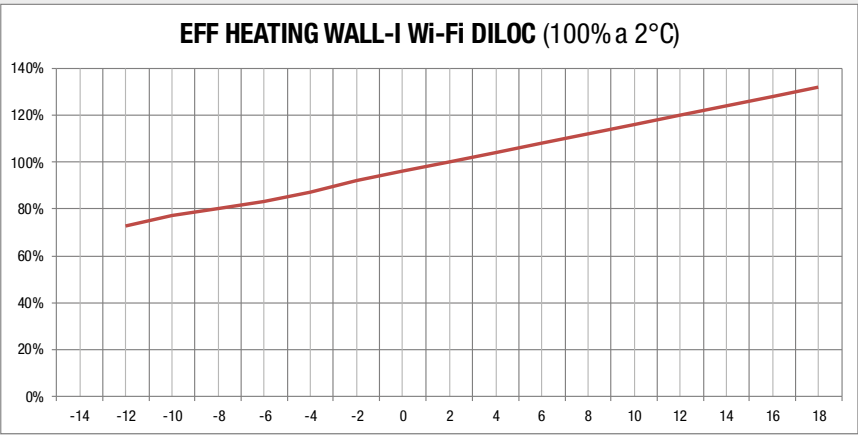
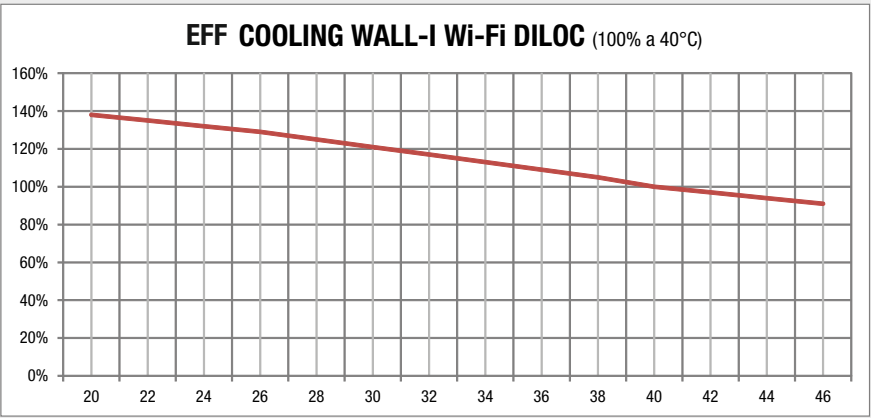
BACKLIGHT  
DISPLAY



WALL-I SERIES EFFICIENCY Wi-Fi R410A








COOLING (100% a 40°C)	
T amb	% EFF
20	138%
22	135%
24	132%
26	129%
28	125%
30	121%
32	117%
34	113%
36	109%
38	105%
40	100%
42	97%
44	94%
46	91%



HEATING (100% a 2°C)	
T amb	% EFF
-14	73%
-12	77%
-10	80%
-8	83%
-6	87%
-4	92%
-2	96%
0	100%
2	104%
4	108%
6	112%
8	116%
10	120%
12	124%
14	128%
16	132%
18	132%



# MULTI DC INVERTER SERIES CONFIGURATION

PRODUCTS		D.WALL-IN9W	D.WALL-IN12W	D.WALL-IN18W	D.WALL-IN24W
					
D.WALL-OUT109		X			
D.WALL-OUT112			X		
D.WALL-OUT118				X	
D.WALL-OUT124					X
D.WALL-OUT200		X	X	X	
D.WALL-OUT300		X	X	X	
D.WALL-OUT400		X	X	X	

POWER WALL-I DC INVERTER	OUTDOOR UNIT	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT
MONO DC INVERTER 9000 BTU	D.WALL-OUT109	D.WALL-IN9W				
MONO DC INVERTER 12000 BTU	D.WALL-OUT112	D.WALL-IN12W				
MONO DC INVERTER 18000 BTU	D.WALL-OUT118	D.WALL-IN18W				
MONO DC INVERTER 24000 BTU	D.WALL-OUT124	D.WALL-IN24W				
DUAL DC INVERTER 18000 BTU	D.WALL-OUT200	D.WALL-IN9W	D.WALL-IN9W			
DUAL DC INVERTER 21000 BTU	D.WALL-OUT200	D.WALL-IN9W	D.WALL-IN12W			
DUAL DC INVERTER 24000 BTU	D.WALL-OUT200	D.WALL-IN12W	D.WALL-IN12W			
TRIAL DC INVERTER 27000 BTU	D.WALL-OUT300	D.WALL-IN9W	D.WALL-IN9W	D.WALL-IN9W		
TRIAL DC INVERTER 30000 BTU	D.WALL-OUT300	D.WALL-IN9W	D.WALL-IN9W	D.WALL-IN12W		
TRIAL DC INVERTER 33000 BTU	D.WALL-OUT300	D.WALL-IN9W	D.WALL-IN12W	D.WALL-IN12W		
TRIAL DC INVERTER 36000 BTU	D.WALL-OUT300	D.WALL-IN12W	D.WALL-IN12W	D.WALL-IN12W		
POKER DC INVERTER 36000 BTU	D.WALL-OUT400	D.WALL-IN9W	D.WALL-IN9W	D.WALL-IN9W	D.WALL-IN9W	
POKER DC INVERTER 39000 BTU	D.WALL-OUT400	D.WALL-IN9W	D.WALL-IN9W	D.WALL-IN9W	D.WALL-IN12W	
POKER DC INVERTER 42000 BTU	D.WALL-OUT400	D.WALL-IN9W	D.WALL-IN9W	D.WALL-IN12W	D.WALL-IN12W	
POKER DC INVERTER 45000 BTU	D.WALL-OUT400	D.WALL-IN9W	D.WALL-IN12W	D.WALL-IN12W	D.WALL-IN12W	
POKER DC INVERTER 48000 BTU	D.WALL-OUT400	D.WALL-IN12W	D.WALL-IN12W	D.WALL-IN12W	D.WALL-IN12W	
POKER DC INVERTER 54000 BTU	D.46M5IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.18S-IFEEL	D.18S-IFEEL	
PENTA DC INVERTER 48000 BTU	D.46M5IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.09S-IFEEL
PENTA DC INVERTER 48000 BTU	D.46M5IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.12S-IFEEL
PENTA DC INVERTER 51000 BTU	D.46M5IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.12S-IFEEL	D.12S-IFEEL
PENTA DC INVERTER 54000 BTU	D.46M5IFEEL	D.09S-IFEEL	D.09S-IFEEL	D.12S-IFEEL	D.12S-IFEEL	D.12S-IFEEL

In the case of MULTI DC INVERTER combinations with commercial Indoor units, it is enough to replace the WALL-IN12W with the BLU ICE model at the same power (12,000 BTU).



WI-FI  
FUNCTION



COMPRESSOR  
5 YEARS  
WARRANTY








# FREEDOM INDOOR IFEEL

Indoor unit DC Inverter R410A

The iFeel Series indoor units combine the highest flexibility of installation with a good air distribution in the environment.

Code		D.09S-INVIFEEL	D.12S-INVIFEEL	D.18S-INVIFEEL
				
Technical Features				
Cooling capacity	kW	2,60	3,50	5,30
Heating capacity	kW	2,80	3,80	5,80
Max. Air flow	m3/h	500	630	850
Dehumidification	l/h	0,8	1,4	1,8
Sound Pressure level indoor unit	dB(A)	37 - 32	39 - 33	42 - 33
Pipes diameter (liquid)	inches	1/4	1/4	1/4
Pipes diameter (gas)	inches	3/8	3/8	1/2
Dimensions indoor unit (WxHxD)	mm	794x265x186	848x274x189	945x298x208
Weight indoor unit	kg	9	10	13



HEATING  
PUMP



DEHUMIDIFIER



SLEEP



AUTO  
SWING



REMOTE CTRL  
(DEFAULT)



STANDBY  
0.5 WATT



# FREEDOM OUTDOOR IFEEL 5 CONN.

Five connections Outdoor units DC Inverter R410A

The five-connections IFeel Outdoor Units provide class A functionality with a powerful Japanese technology compressor. Stand-by power consumption is reduced to just 1 watt

Code

D.46M5INVFEEL

## Technical Features

Cooling Capacity	kW	12,10 (2,10-13,20)
Heating Capacity	kW	13,00 (2,70-13,60)
Energy Class	SEER	3,23 EER
	SCOP	3,67 COP
Power consumption cooling	kW	3,59 (1,30-5,30)
Power consumption heating	kW	3,54 (1,30-5,30)
Current consumption cooling	A	16,4 (5,6-23,5)
Current consumption heating	A	16,3 (5,65-23,5)
Sound pressure Outdoor u.	dB(A)	54
Pipes diameter (Liquid)	inches	1/4 - 3/8
Pipes diameter (Gas)	inches	3/8 - 1/2 - 5/8
Dimensions Outdoor u. (WxHxD)	mm	1015x1100x440
Weight Outdoor Unit	kg	79



COMPRESSOR  
5 YEARS  
WARRANTY



# COMMERCIAL SERIES for FROZEN MULTI GAS R32

## BLU ICE FLOOR CASSETTE for FROZEN MULTI GAS R32

Indoor units DC Inverter commercial series for FROZEN MULTI GAS R32  
Indoor units DC Inverter Series Light Commercial for FROZEN 200/300 e 400. Indoor unit Floor and Cassette can be combined with each other and with Indoor unit FROZEN SPLIT to Outdoor unit FROZEN 200/300/400 (two, three and four connections).



INCLUDED:



REMOTE CTRL  
D.PAV-IN12



REMOTE CTRL  
D.CASSETTE-IN12

Code

Technical Features

		unità interna	unità interna
Cooling capacity	KW/h	3.52(0.62-4.40)	3.52(0.62-4.40)
Heating capacity	KW/h	3.81(0.62-4.95)	4.10(0.62-5.13)
Power consumption	W	1030(210-1690)	960(210-1692)
Power consumption	W	1000(190-1760)	995(496-1830)
Current consumption	Cooling (A)	4.7(1.0-7.7)	4.4(1.0-7.7)
	Heating (A)	4.6(0.9-8.1)	4.5(2.3-8.4)
Air flow	m3/h	550/470/360	650/530/450
Sound Pressure level Indoor unit	dB (A)	47/41/35	42/38/34
Pipes diameter (Liquid-Gas)	"	1/4 - 3/8	1/4 - 3/8
Dimensions (WxDxH)	Indoor Unit	700x600x210	570x570x260
Weight	Indoor Unit	15	16
Panel dimension			647x647x50
Panel weight			2,5

OPTIONAL:



CONTROLLER  
WALLMOUNT



CONTROLLER  
WALLMOUNT



HEATING  
PUMP



DEHUMIDIFIER



SLEEP



AUTO SWING  
(PAV-IN only)



COMPRESSOR  
5 YEARS  
WARRANTY





# FROZEN MONO & MULTI DC INVERTER

## Indoor unit DC Inverter R32 with Wi-Fi

Indoor units FROZEN can be combined with all Outdoor units FROZEN, both SINGLE SPLIT or MULTI SPLIT. FROZEN air conditioner are high efficiency systems in class A+, A++ and A+++, with SCOP > 4,10. All FROZEN indoor units are WIFI READY and equipped with Remote control



FROZEN conditioners are class **A++** in cooling mode and **A++** and **A+++** in heating mode;

FROZEN indoor units are equipped with a user friendly **remote control**;

**Wi-Fi function:** all FROZEN models are Wi-Fi Ready with the possibility to control the conditioner via Tablet, iPad or smartphone;

**Heating mode:** all air conditioning systems may operate in heating mode. For further info, please call 0039 02 95.003.1;

**Dehumidifier:** in those very humid days, the FROZEN air conditioner allows to reduce that annoying sense of humid thanks to a cutting-edge system in the reduction of humidity in enclosed places;

**Sleep function:** FROZEN air conditioners modify their night-time operation, taking into account the reduction in body temperature, as well as increasing the silent operation;

**Auto Swing:** automatic oscillation of the air flow's management fins;

**5 years warranty:** The compressor has a free 5-year warranty extension testifying to the goodness of the FROZEN air conditioning engine;

**Backlit display:** FROZEN air conditioners show all data on a modern backlit display. For those wishing to further reduce the lighting of the product, the display can be switched off.



HEATING  
PUMP



DEHUMIDIFIER



SLEEP



AUTO  
SWING



COMPRESSOR  
5 YEARS  
WARRANTY



BACKLIGHT  
DISPLAY



# FROZEN - OUTDOOR UNIT SINGLE SPLIT

## Outdoor Unit Single DC Inverter R32

The FROZEN single split outdoor units guarantee high energy efficiency in class A ++, reducing power consumption both in operation and in stand-by (consumption less than 0.5 W). The compressor is a high-tech Japanese DC Inverter with high efficiency. The use of the R32 GAS increases the cooling and heating capacity of the FROZEN

Code

D.FROZEN109

D.FROZEN112

D.FROZEN118

D.FROZEN124

### Technical Features

Power Supply	Ph-V-Hz	220V-240V,1Ph,50Hz			
<b>Cooling capacity</b>	Btu/h	9000(3100~11600)	12000(3800~14200)	18000(6200~20900)	24000(7100~27120)
Power consumption cooling	W	710(100~1240)	1237(130~1580)	1539(140~2360)	2345(160~2960)
Current consumption cooling	A	3.1(0.4~5.4)	5.4(0.5~6.9)	6.9(0.6~10.3)	10.2(0.7~13.3)
<b>Heating capacity</b>	Btu/h	10000(2800~11500)	13000(3700~14400)	19000(4700~23000)	25000(5500~30000)
Power consumption heating	W	739(120~1200)	964(100~1580)	1480(200~2410)	2035(260~3140)
Current consumption heating	A	3.2(0.5~5.2)	4.2(0.4~6.9)	6.4(0.9~10.5)	10.2(1.1~13.3)
<b>Cooling</b>					
Cooling capacity	kW	2,6	3,5	5,2	7,2
SEER	W/W	6,2	6,1	7,1	6,1
Energy Efficiency Class		A++	A++	A++	A++
<b>Average heating</b>					
Heating capacity	kW	2,6	2,7	4,5	6,4
SCOP	W/W	4,9	4,6	5,2	5,0
Energy Efficiency Class		A++	A++	A+++	A++
Minimum Temp. heating mode	°C	-15	-15	-15	-15
Maximum consumption	W	2150	2150	2950	3850
Sound pressure Outdoor unit	dB(A)	55	56	56	59
<b>Outdoor Unit</b>					
Dimensions (WxDxH)	mm	700x275x550	700x275x550	800x333x554	845x363x702
Weight net/gross	Kg	22.7/25.2	22.7/25.2	34/36.7	51.5/54.5
<b>Pipes</b>					
Pipes liquid/gas	mm(inches)	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"
Pipes max. length	m	25	25	30	50
Pipes max. height	m	10	10	20	25

Note: the above data refer to a outdoor unit with the correspondent indoor unit.  
Please refer to [www.naicon.com](http://www.naicon.com) for further details and info.



COMPRESSOR  
5 YEARS  
WARRANTY



# FROZEN - OUTDOOR UNITS MULTISPLIT

## OUTDOOR UNITS MULTISPLIT

The FROZEN multi split outdoor units guarantee high energy efficiency in class A ++, reducing power consumption both in operation and in stand-by (consumption less than 0.5 W). The compressor is a high-tech Japanese DC Inverter with high efficiency. The use of the R32 GAS increases the cooling and heating capacity of the FROZEN

Code D.FROZEN200 D.FROZEN300 D.FROZEN400

### Technical Features

Power supply	V,Hz,Ph	220-240V~,1P, 50Hz		
<b>Cooling</b>				
Cooling capacity	kW	7,0 (2,2 - 7,8)	10,0 (2,3 - 11,0)	12,1 (2,3 - 13,0)
SEER	W/W	6,1	6,1	6,2
Energy Class		A++	A++	A++
<b>Heating (average)</b>				
Heating capacity	kW	7,0 (2,2 - 7,8)	10,0 (2,3 - 11,0)	12,1 (2,4 - 13,0)
SCOP	W/W	4,1	4,0	4,0
Energy Class		A+	A+	A+
Tbiv	°C	-7	-7	-7
Minimum outside temp. (Toll)	°C	-15	-15	-15
Max Power consumption	W	3000	3600	5200
Max Current consumption	A	15	18	24
Sound power level Outdoor unit	dB(A)	63	65	67
<b>Outdoor Unit</b>				
Dimensions(WxDxH)	mm	800x333x554	845x363x702	946x410x810
Packing(WxDxH)	mm	920x390x615	965x395x765	1090x500x875
Weight net/gross	kg	36/39	53/56,5	68.8/75.6
Nominal pressure	MPa	4,3/1,7	4,3/1.7	4,3/1,7
<b>Cooling Circuit</b>				
Liquid side/ Gas side	mm(inch)	(1/4"/3/8")	(1/4"/3/8")	(4x1/4"/3x3/8"+1x1/2")
Max pipes length	m	40	60	80
Max. length Indoor unit	m	25	30	35
Max. difference in height O.U. and I.U.	m	15	15	15
Max difference in height among I.U.	m	10	10	10

Note: the above data refer to a standard combination of indoor units.

Please refer to [www.naicon.com](http://www.naicon.com) for further details and info.



COMPRESSOR  
5 YEARS  
WARRANTY



HEATING  
PUMP

DEHUMIDIFIER



SLEEP

AUTO  
SWINGSTANDBY  
0.5 WATTREMOTE CTRL  
(DEFAULT)COMPRESSOR  
5 YEARS  
WARRANTYBACKLIGHT  
DISPLAY

# FROZEN INDOOR UNIT SINGLE & MULTISPLIT

## Indoor units DC Inverter R32 Wi-Fi Ready

FROZEN indoor units can be used for all types of units, guaranteeing a high efficiency operation in class A++ and A+++, reducing consumption. The indoor units offer maximum flexibility of installation and excellent air distribution in the environment






Code		D.FROZEN9	D.FROZEN12	D.FROZEN18	D.FROZEN24
Technical Features					
Power supply	V,Hz,Ph	220-240V~, 1P, 50Hz			
Cooling					
Capacity	Btu/h	9000	12000	18000	25000
Power consumption	W	40	40	36	58
Nominal current	A	0,11	0,11	0.15	0.28
Heating					
Capacity Btu/h	Btu/h	10000	13000	19000	26000
Power consumption	W	24	24	34	62
Nominal current	A	0,11	0,11	0.15	0.28
Fan speed (Hi/Mi/Lo)	r/min	1030/850/750	1130/950/750	1130 / 900 / 800	1150 / 1000 / 850
Air flow (Hi/Mi/Lo)	m3/h	520/460/360	600/500/360	840/680/540	980/817/662
Sound pressure (Hi/Mi/Lo/Si)	dB(A)	40/30/26/21	40/34/26/22	44/37/30/25	44.5/42/34.5/28
Dimensions (WxDxH)	mm	805x194x285	805x194x285	957x213x302	1040x220x327
Weight net/gross	Kg	7.5/9.7	7.5/9.7	10/13	12.3/15.8
Pipes liquid/gas	inches	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"
Ambient temperature					1
Cooling	°C	17-32	17-32	17-32	17-32
Heating	°C	0-30	0-30	0-30	0-30

Note: the above data refer to a indoor unit with the corrispondent outdoor unit.  
Please refer to [www.naicon.com](http://www.naicon.com) for further details and info



# CONFIGURATION TABLE

## FROZEN R32 SERIES

PRODUCTS		D.FROZEN9	D.FROZEN12	D.FROZEN18	D.FROZEN24
					
D.FROZEN109		X			
D.FROZEN112			X		
D.FROZEN118				X	
D.FROZEN124					X
D.FROZEN200		X	X	X	
D.FROZEN300		X	X	X	
D.FROZEN400		X	X	X	

It is possible to combine FLOOR e CASSETTE series (D.PAV-IN12 and D.CASSETTE-IN12) as written on page 20.

POWER WALL-I DC INVERTER	OUTDOOR UNIT	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT
MONO DC INVERTER 9000 BTU	D.FROZEN109	D.FROZEN9			
MONO DC INVERTER 12000 BTU	D.FROZEN112	D.FROZEN12			
MONO DC INVERTER 18000 BTU	D.FROZEN118	D.FROZEN18			
MONO DC INVERTER 24000 BTU	D.FROZEN124	D.FROZEN24			
DUAL DC INVERTER 18000 BTU	D.FROZEN200	D.FROZEN9	D.FROZEN9		
DUAL DC INVERTER 21000 BTU	D.FROZEN200	D.FROZEN9	D.FROZEN12		
DUAL DC INVERTER 24000 BTU	D.FROZEN200	D.FROZEN12	D.FROZEN12		
TRIAL DC INVERTER 27000 BTU	D.FROZEN200	D.FROZEN9	D.FROZEN18		
TRIAL DC INVERTER 27000 BTU	D.FROZEN300	D.FROZEN9	D.FROZEN9	D.FROZEN9	
TRIAL DC INVERTER 30000 BTU	D.FROZEN300	D.FROZEN9	D.FROZEN9	D.FROZEN12	
TRIAL DC INVERTER 33000 BTU	D.FROZEN300	D.FROZEN9	D.FROZEN12	D.FROZEN12	
TRIAL DC INVERTER 36000 BTU	D.FROZEN300	D.FROZEN12	D.FROZEN12	D.FROZEN12	
POKER DC INVERTER 36000 BTU	D.FROZEN400	D.FROZEN9	D.FROZEN9	D.FROZEN9	D.FROZEN9
POKER DC INVERTER 39000 BTU	D.FROZEN400	D.FROZEN9	D.FROZEN9	D.FROZEN9	D.FROZEN12
POKER DC INVERTER 42000 BTU	D.FROZEN400	D.FROZEN9	D.FROZEN9	D.FROZEN12	D.FROZEN12
POKER DC INVERTER 45000 BTU	D.FROZEN400	D.FROZEN9	D.FROZEN9	D.FROZEN9	D.FROZEN18
POKER DC INVERTER 45000 BTU	D.FROZEN400	D.FROZEN9	D.FROZEN12	D.FROZEN12	D.FROZEN12
POKER DC INVERTER 48000 BTU	D.FROZEN400	D.FROZEN12	D.FROZEN12	D.FROZEN12	D.FROZEN12



WI-FI  
FUNCTION



COMPRESSOR  
5 YEARS  
WARRANTY



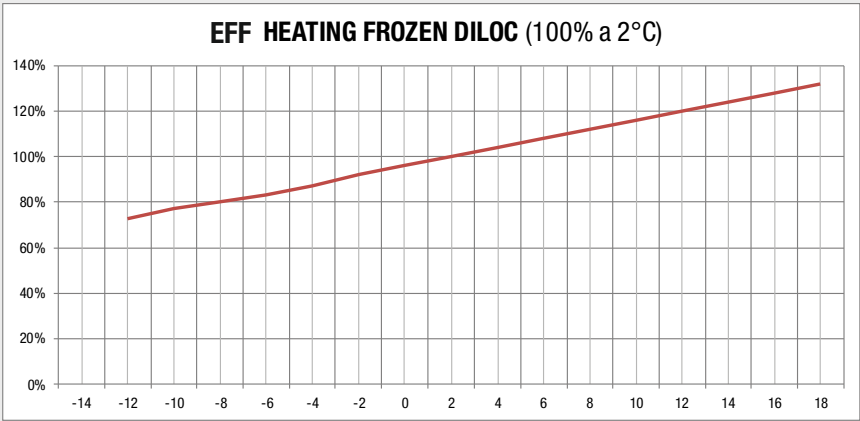
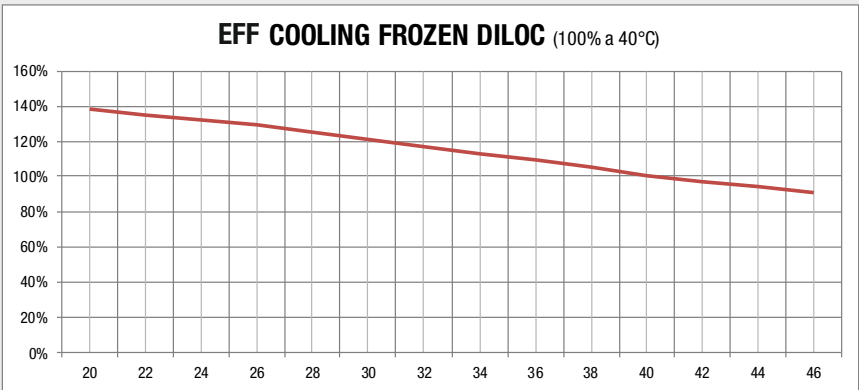
EFFICIENCY FROZENR32 SERIES



WI-FI  
FUNCTION



COOLING (100% a 40°C)	
T amb	% EFF
20	138%
22	135%
24	132%
26	129%
28	125%
30	121%
32	117%
34	113%
36	109%
38	105%
40	100%
42	97%
44	94%
46	91%



HEATING (100% a 2°C)	
T amb	% EFF
-14	73%
-12	77%
-10	80%
-8	83%
-6	87%
-4	92%
-2	96%
0	100%
2	104%
4	108%
6	112%
8	116%
10	120%
12	124%
14	128%
16	132%
18	133%



# BLU ICE FLOOR

## DC Inverter R410A

The 12,000 BTU model is suitable for installation on the floor only, while the other models are equipped with a special electronics that allows both wall and ceiling installation. They have minimal dimensions.

The design is sober and elegant for installation even in civil homes under the window, or in commercial environments such as offices, shops, warehouses - even in the ceiling version.

Equipped with an infrared remote control



Code		D.COM-OUT12	D.COM-OUT18	D.COM-OUT24
Technical Features		outdoor unit	outdoor unit	outdoor unit
Cooling capacity	W	3520(620-4400)	5280(790-6150)	7030(1200-8210)
Heating capacity	W	3810(620-4980)	5670(880-7030)	7030(1200-8650)
SEER	Cooling	6,1 A ++	6,5 A ++	6,1 A ++
SCOP	Heating	5,1 A +	5,1 A +	5,1 A +
Power consumption Cooling	W	1030(210-1690)	1685(260-2365)	2285(400-3155)
Power consumption Heating	W	995(496-1790)	1460(290-2510)	1900(400-3090)
Current consumption Cooling	(A)	4.7(1.0-7.7)	7.7(1.2-10.80)	10.4(1.8-14.4)
Current consumption Heating	(A)	4.5(2.3-8.2)	6.7(1.3-11.5)	8.7(1.8-14.1)
Sound Pressure level Outdoor unit	dB (A)	57	56,5	60,5
Tubes diameter (liquid)	"	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
Max. tubes length	m	25	30	50
Max. tubes height	m	10	20	25
Additional cooling charge	g/m	15	15	15
Dimensions Outdoor unit (WxDxH)	mm	800x333x554	800x333x554	845x363x702
Weight Outdoor unit	Kg	34,5	35,5	49



Code		D.PAV-IN12	D.PAVSOF-IN18	D.PAVSOF-IN24
Technical Features		indoor unit	indoor unit	indoor unit
Cooling capacity	KW/h	3.52(0.62-4.40)	5.28(0.79-6.15)	7.03(1.20-8.21)
Heating capacity	KW/h	3.81(0.62-4.95)	5.67(0.88-7.03)	7.03(1.20-8.65)
Power consumption Cooling	W	1030(210-1690)	1630(270-2365)	2285(400-3155)
Power consumption Heating	W	1000(190-1760)	1460(255-2510)	1900(400-3090)
Current consumption	Cooling (A)	4.7(1.0-7.7)	7.5(1.2-10.9)	10.4(1.8-14.4)
	Heating (A)	4.6(0.9-8.1)	6.7(1.2-11.5)	8.7(1.8-14.1)
Air flow	m3/h	550/470/360	900/800/700	1180/1050/850
Sound Pressure level Indoor unit	dB (A)	47/41/35	44/39/34	53/48/42
Pipes diameter (Liquid-Gas)	"	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
Dimensions (WxDxH)	Indoor Unit	700x600x210	1068x675x235	1068x675x235
Weight	Indoor Unit	15	25,8	25



CONTROLLER  
WALLMOUNT (OPT.)



REMOTE CTRL  
(DEFAULT)



HEATING  
PUMP



DEHUMIDIFIER



SLEEP



AUTO  
SWING



COMPRESSOR  
5 YEARS  
WARRANTY





# BLU ICE CASSETTE

DC Inverter R410A

Four-way box with modern design, compact and elegant, ideal for installation in false ceilings for retail and office use. It comes with infrared remote controls and wall-mounted controls.



Code		D.COM-OUT12	D.COM-OUT18	D.COM-OUT24
Technical Features		outdoor unit	outdoor unit	outdoor unit
Cooling capacity	W	3520(620-4400)	5280(790-6150)	7030(1200-8210)
Heating capacity	W	3810(620-4980)	5670(880-7030)	7030(1200-8650)
SEER	Cooling	6,1 A++	6,5 A++	6,1 A++
SCOP	Heating	5,1 A+	5,1 A+	5,1 A+
Power consumption Cooling	W	1030(210-1690)	1685(260-2365)	2285(400-3155)
Power consumption Heating	W	995(496-1790)	1460(290-2510)	1900(400-3090)
Current consumption Cooling	(A)	4.7(1.0-7.7)	7.7(1.2-10.80)	10.4(1.8-14.4)
Current consumption Heating	(A)	4.5(2.3-8.2)	6.7(1.3-11.5)	8.7(1.8-14.1)
Sound Pressure level	dB (A)	57	56,5	60,5
Pipes diameter (Liquid/gas)	"	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
Pipes max. length	m	25	30	50
Pipes max. height	m	10	20	25
Additional cooling charge	g/m	15	15	15
Dimensions (WxDxH)	mm	800x333x554	800x333x554	845x363x702
Weight	Kg	34,5	35,5	49

Code		D.CASSETTE-IN12	D.CASSETTE-IN18	D.CASSETTE-IN24
Technical Features		indoor unit	indoor unit	indoor unit
Cooling capacity	KW/h	3.52(0.62-4.40)	5.28(0.79-6.15)	7.03(1.20-8.21)
Heating capacity	KW/h	4.10(0.62-5.13)	5.57(0.88-7.03)	7.03(1.20-8.65)
Power consumption Cooling	W	960(210-1692)	1630(270-2365)	2170(400-3155)
Power consumption Heating	W	995(496-1830)	1500(295-2510)	1900(400-3090)
Current consumption	Cooling (A)	4.4(1.0-7.7)	7.5(1.2-10.9)	9.9(1.8-14.4)
	Heating (A)	4.5(2.3-8.4)	6.8(1.38-11.50)	8.7(1.8-14.1)
Air flow	m3/h	650/530/450	660/550/490	1450/1250/1100
Sound Pressure level	dB (A)	42/38/34	46/42/38	46/42/39
Pipes diameter (Liquid - Gas)	"	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
Dimensions (WxDxH)	Indoor Unit	570x570x260	570x570x260	840x840x245
Weight	Indoor Unit	16	16,5	24
Panel dimensions (WxDxH)		647x647x50	647x647x50	950x950x55
Panel weight		2,5	2,5	5



HEATING  
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REMOTE CTRL  
(DEFAULT)



CONTROLLER  
WALLMOUNT (OPT)



COMPRESSOR  
5 YEARS  
WARRANTY





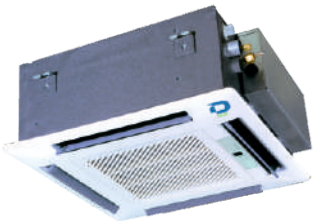
# BLU ICE CASSETTE UE+UI DC INVERTER

DC Inverter R410A

Four-way box with modern design, compact and elegant, ideal for installation in false ceiling for retail and office use. It comes with infrared remote controls and wall-mounted controls. Easy to clean and maintain.

Code D.36000I-INV PLUS S

Technical Features		indoor unit
Cooling capacity	KW/h	10000(810-12000) *
Heating capacity	KW/h	12000(1050-14000) *
Power consumption Cooling	W	2950(1450-3500) *
Power consumption Heating	W	3100(1500-3800) *
Current consumption	Cooling (A)	13,4(6,6-19,2) *
	Heating (A)	14,1(6,8-20,1) *
Air flow	m3/h	1860
Sound Pressure level	dB (A)	49
Pipes diameter (Liquid - Gas)	"	1/2 - 3/4
Dimensions (WxDxH)	Indoor Unit	840x840x240
Weight	Indoor Unit	38
Panel dimensions (WxDxH)		960x960x60
Panel weight		5



Products are equipped with two types of remote control: INFRARED and WALL MOUNTED



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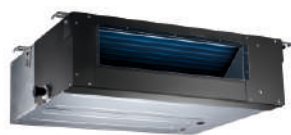


CONTROLLER  
WALLMOUNT



COMPRESSOR  
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WARRANTY





# BLU ICE KANAL

DC Inverter R410A

To hide in the wall either in the furniture or in the ceiling.

The low profile Blue Ice Kanal is the ideal product for installation in false ceiling, mural recesses or integrated in custom furniture. Also good in installations inside plasterboard or wood structures. The product has as a wall mounted remote control as standard.



Code		D.COM-OUT12	D.COM-OUT18	D.COM-OUT24
Technical Features		outdoor unit	outdoor unit	outdoor unit
Cooling capacity	W	3520(620-4400)	5280(790-6150)	7030(1200-8210)
Heating capacity	W	3810(620-4980)	5670(880-7030)	7030(1200-8650)
SEER	Cooling	6,1 A ++	6,5 A ++	6,1 A ++
SCOP	Heating	5,1 A +	5,1 A +	5,1 A +
Power consumption cooling	W	1030(210-1690)	1685(260-2365)	2285(400-3155)
Power consumption heating	W	995(496-1790)	1460(290-2510)	1900(400-3090)
Current consumption cooling	(A)	4.7(1.0-7.7)	7.7(1.2-10.80)	10.4(1.8-14.4)
Current consumption heating	(A)	4.5(2.3-8.2)	6.7(1.3-11.5)	8.7(1.8-14.1)
Sound pressure Outdoor u.	dB (A)	57	56,5	60,5
Pipes diameter (Liquid/gas)	"	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
Pipes max. length	m	25	30	50
Pipes max. height	m	10	20	25
Additional cooling charge	g/m	15	15	15
Dimensions Outdoor u. (WxDxH)	mm	800x333x554	800x333x554	845x363x702
Weight Outdoor u.	Kg	34,5	35,5	49

Code		D.KANAL-IN12	D.KANAL-IN18	D.KANAL-IN24
Technical Features		unità interna	unità interna	unità interna
Cooling capacity	KW/h	3.52(0.62-4.40)	5.28(0.79-6.15)	7.03(1.20-8.21)
Heating capacity	KW/h	3.81(0.62-4.98)	5.67(0.88-7.03)	7.03(1.20-8.65)
Power consumption Cold/Heat	W	1030(210-1690)	1685(260-2365)	2285(400-3155)
Power consumption heating	W	995(496-1790)	1460(290-2510)	1900(400-3090)
Current consumption	Cooling (A)	4.7(1.0-7.7)	7.7(1.2-10.80)	10.4(1.8-14.4)
	Heating (A)	4.5(2.3-8.2)	6.7(1.3-11.5)	8.7(1.8-14.1)
Air Flow	m3/h	680/580/450	1050/900/780	1360/1200/970
Sound pressure Indoor u.	dB (A)	42/38/35	44/40/37	46/42/38
Pipes diameter (Liquid/-Gas)	"	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
Dimensions Indoor u. (WxDxH)	Indoor Unit	700x635x210	920x635x270	920x635x270
Weight Indoor u.	Indoor Unit	18,4	26,9	28



HEATING  
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WALLMOUNT



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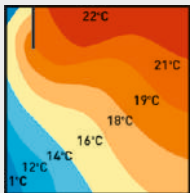
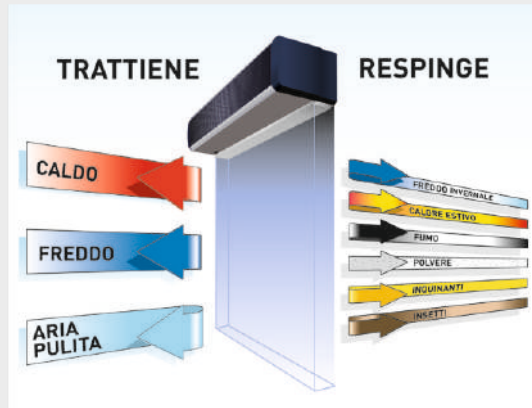
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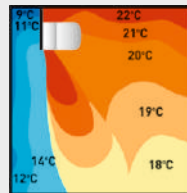
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# AIR CURTAINS

They maintain room temperature and ensures clean air. Make a barrier against pollution, pollen, insects, operating with very low power consumption



In normal conditions the inner air get out externally and the outside air get in.



With an air curtain, the air of the inner environment is retained and the external air does not change inside climate (If cooled in summer, and warmed in winter)..

## Business growth

A survey carried out at many retails and shops showed a growth in sales in "open doors" stores

## ECO-Friendly

Greater "energy efficiency", lower fuel consumption and a strong reduction in air conditioning costs are guaranteed, despite open doors.



## Comfortable

It maintains air-conditioned environment without waste and reduces architectural barriers.

## Safe

More secure movements without obstacles and better space usage.

## Suitable for any kind of door

The curtains can be used for larger openings (105 ° airflow)

## Healthy

Avoid unwanted "guests" such as insects, pollens, dust and exhaust gases.

## Easy-to-use

All model can be handled via remote control



## Easy to maintain

Easy to install and maintain.

## Installation

The size of the curtains must cover the entire width of the door. In winter it is preferable to direct the air flow to the outside.



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# GREEN LINE

Low power consumption Air curtains

Air curtains are designed to maintain the ambient temperature by avoiding energy waste whenever you open the front door, as they provide better thermal insulation. The blower allows for greater airflow and cannot be installed below 300 cm. height or close to wooden boxes that may amplify the noise. Twisted cross-flow fan can be installed from 250cm. Make sure the indicated dBs are suitable for the environment where the curtain is installed. The curtains have a 105 degree airflow range allowing them to be used in modular mode, to reach the required size.



Code D.45000BAR D.47000BAR D.49000BAR D.51000BAR

Technical Features

Type of fan		twisted cross-flow			
Power Consumption	W	160	200	230	350
Flow rate	m³/h	1400	1900	2500	3600
Air speed	m/s	11	11	11	11
Noise	dB(A)	57	58	59	61
Net weight	kg	11,5	13,5	15	22
Installation height	m	2,5-3,5	2,5-3,5	2,5-3,5	2,5-3,5
Dimensions	mm	900x180x215	1200x180x215	1500x180x215	2000x180x215



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# PRICE LIST 2018-1

## AIR CONDITIONING SYSTEMS PRICE LIST

SERIES DESCRIPTION	CODE	CODE DESCRIPTION	GAS type	Euro/ea.
Air curtains BAR series. Low power consumption. Remote control included.	cM-***q	Air curtain 90 cm.	No gas	<b>250,00</b>
	D.47000BAR	Air curtain 120 cm.	No gas	<b>280,00</b>
	D.49000BAR	Air curtain 150 cm.	No gas	<b>360,00</b>
	D.51000BAR	Air curtain 200 cm.	No gas	<b>510,00</b>
Air conditioning system easy design without outdoor unit, with digit compressor. Remote control included.	D.10000SM+	Air conditioner without outdoor unit 3,10 KW A+ A+	R410A	<b>2.068,00</b>
	D.13000SM+	Air conditioner without outdoor unit 3,75 KW A+ A+	R410A	<b>2.162,00</b>
Portable air conditioning system, including remote control and accessories.	D.91TF	Portable, Cold only 9000 BTU	R410A	<b>515,00</b>
	D.12TF	Portable, Cold only 12000 BTU	R410A	<b>598,00</b>
Compact Dehumidifier with wheels and automatic defrosting. Remote control included.	D.18TU	Compact Dehumidifier 18 liters	R134A	<b>310,00</b>
	D.22TU	Compact Dehumidifier 24 liters	R134A	<b>340,00</b>
Single Split DC inverter air conditioning with outdoor unit and indoor unit. Remote control included.	D.FROZEN109	Outdoor unit 2,6 KW DC inverter A++/A++	R32	<b>524,00</b>
	D.FROZEN9	Indoor unit 2,6 KW DC inverter	R32	<b>204,00</b>
	D.FROZEN112	Outdoor unit 3,7 KW DC inverter A++/A++	R32	<b>566,00</b>
	D.FROZEN12	Indoor unit 3,7 KW DC inverter	R32	<b>216,00</b>
	D.FROZEN118	Outdoor unit 5,2 KW DC inverter A++/A+++	R32	<b>940,00</b>
	D.FROZEN18	Indoor unit 5,2 KW DC inverter	R32	<b>325,00</b>
	D.FROZEN124	Outdoor unit 7,0 KW DC inverter A++/A+++	R32	<b>1.155,00</b>
	D.FROZEN24	Indoor unit 7,0 KW DC inverter	R32	<b>415,00</b>
	D.WALL-OUT109	Outdoor unit 2,5 KW DC inverter A++/A+	R410A	<b>524,00</b>
	D.WALL-IN9W	Indoor unit 2,5 KW DC inverter con WiFi	R410A	<b>272,00</b>
	D.WALL-OUT112	Outdoor unit 3,5 KW DC inverter A++/A+	R410A	<b>566,00</b>
	D.WALL-IN12W	Indoor unit 3,5 KW DC inverter con WiFi	R410A	<b>284,00</b>
	D.WALL-OUT118	Outdoor unit 5,2 KW DC inverter A++/A++	R410A	<b>940,00</b>
	D.WALL-IN18W	Indoor unit 5,2 KW DC inverter con WiFi	R410A	<b>390,00</b>
	D.WALL-OUT124	Outdoor unit 7,0 KW DC inverter A++/A+	R410A	<b>1.155,00</b>
	D.WALL-IN24W	Indoor unit 7,0 KW DC inverter con WiFi	R410A	<b>480,00</b>
	D.WIFIKIT	Kit Wi Fi for Wall-In	No gas	<b>68,00</b>
Multi Split DC inverter air conditioning at high efficiency with outdoor unit and indoor unit. Remote control included.	D.FROZEN200	Dual outdoor unit 7,2 KW DC inverter A++/A+	R32	<b>1.310,00</b>
	D.FROZEN300	Three split outdoor unit 11,8 KW DC inverter A++/A+	R32	<b>1.890,00</b>
	D.FROZEN400	Four split outdoor unit 12,4 KW DC inverter A++/A+	R32	<b>2.490,00</b>
	D.WALL-OUT200	Dual outdoor unit 6,0 KW DC inverter A++/A+	R410A	<b>1.210,00</b>
	D.WALL-OUT300	Three split outdoor unit 10,0 KW DC inverter A++/A+	R410A	<b>1.750,00</b>
	D.WALL-OUT400	Four split outdoor unit da10,0 KW DC inverter A++/A+	R410A	<b>2.060,00</b>
	D.46M5-INVIFEEL	Five split outdoor unit 13,2 KW DC inverter A/A	R410A	<b>4.100,00</b>
	D.09S-INVIFEEL	Indoor unit 2,5 KW DC inverter	R410A	<b>204,00</b>
	D.12S-INVIFEEL	Indoor unit 3,5 KW DC inverter	R410A	<b>216,00</b>
	D.18S-INVIFEEL	Indoor unit 5,2 KW DC inverter	R410A	<b>325,00</b>
Light commercial DC inverter air conditioning with indoor and outdoor unit.	D.26000COL	COLUMN air conditioner 7,5 DC INV A/A	R410A	<b>2.250,00</b>
	D.COM-OUT12	Light commercial outdoor unit 3,5 KW DC inverter A++/A+	R410A	<b>1.390,00</b>
	D.COM-OUT18	Light commercial outdoor unit 5,2 KW DC inverter A++/A+	R410A	<b>1.690,00</b>
	D.COM-OUT24	Light commercial outdoor unit 7,1 KW DC inverter A++/A+	R410A	<b>1.925,00</b>
	D.PAV-IN12	Floor indoor unit 3,5 KW DC inverter equipped with Remote control*. Can be combined with wall-out multi series	R410A	<b>550,00</b>
	D.PAVSOF-IN18	Floor/Ceiling indoor unit 5,2 KW DC inverter equipped with Remote control*	R410A	<b>825,00</b>
	D.PAVSOF-IN24	Floor/Ceiling indoor unit 7,1 KW DC inverter equipped with Remote control *	R410A	<b>890,00</b>
	D.KANAL-IN12	Kanal Indoor unit 3,5 KW DC inverter equipped with wall-mount remote control **. Can be combined with all-out multi series	R410A	<b>770,00</b>
	D.KANAL-IN18	Kanal Indoor unit 5,2 KW DC inverter equipped with wall-mount remote control **. Can be combined with all-out multi series	R410A	<b>825,00</b>
	D.WALL-IN18K	Kanal Indoor unit 5,2 KW DC inverter. Can be combined with outdoor unit wall-out200 series	R410A	<b>825,00</b>
	D.KANAL-IN24	Kanal Indoor unit 7,1 KW DC inverter equipped with wall-mount remote control **. Can be combined with all-out multi series	R410A	<b>890,00</b>
	D.CASSETTE-IN12	Cassette indoor unit 3,5 KW DC inverter equipped with Remote control and wall-mount wired control. Can be combined with wall-out multi series.	R410A	<b>770,00</b>
	D.CASSETTE-IN18	Cassette indoor unit 5,2 KW DC inverter equipped with Remote control and wall-mount wired control.	R410A	<b>825,00</b>
	D.CASSETTE-IN24	Cassette indoor unit 7,1 KW DC inverter equipped with Remote control and wall-mount wired control.	R410A	<b>890,00</b>
	D.36000I-INVPLUS	Cassette air conditioning 10,5 KW DC inverter complete	R410A	<b>3.500,00</b>

\* Wall-mount Remote Control optional  
\*\* Remote Control optional



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