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# COMPANY PROFILE







**Naicon was born from a long industrial experience that since 1978 has developed in the production of energy conversion systems and which today has materialized in a leadership position.**

**An ambitious challenge, that of its founder, inspired by the intuition that an era was changing in Italy.**

**After a long and painful season of political and social crisis, the Italian industrial fabric was regaining vigor, encouraging the most courageous to embark on new entrepreneurial challenges, and Ennio Clusaz was one of them, motivated by a vision projected towards the future:**

**“WHEN YOU CHALLENGE BIG PLAYERS,  
YOU MUST NEVER GIVE UP”**

# COMPANY MISSION





**To produce and promote, through specialized units, electronic, IT, and hydro-thermo-sanitary solutions, to simplify people's private and professional lives and to improve the quality of residential and working environments.**







## ONE FOR ALL

Naicon carries out its activities as a Holding with the aim of providing high-quality services and products with competence, professionalism, and innovation. Recognized on a European level for the reliability and safety of its products, Naicon S.r.l. is a vibrant and eclectic commercial reality thanks to the two brands it presents to the market: Elsisist and Diloc.

## MULTI-SECTOR INNOVATION

Through its two main divisions, Elsisist and Diloc, Naicon operates in the market sectors of IT distribution, electrical material, and hydro-thermo-sanitary, providing major players in telecommunications, the public sector, hospital, military, and other areas. Naicon's capitalization allows it to penetrate and develop operations in new and emerging markets, offering solutions tailored to customer needs, thanks to its intense research for innovative solutions.



The well-being of home. And beyond. Diloc offers air conditioning solutions for residential, commercial, and tertiary environments, with technology for high-efficiency DC inverters and ecological refrigerants. From Mono and Multi Split to portable air conditioners and air barriers, Diloc has the right answer to ensure maximum comfort with reduced consumption.

Foundation year

1978



Purchase of the first factory in Milan

1981



ISO9001 certification

1996



1980

Start of production and sale of UPS of our own design



1995

Purchase of the second factory of 2000sqm in the province of Milan



2000

Start of production of Elsisist three-phase UPS





## SOMEONE TO RELY ON

Organization, speed, efficiency.

Naicon benefits from a central warehouse and a Logistic Center coordinated directly from headquarters for the management of goods. This allows for quick order processing and timely deliveries, even in less than 24 hours with the TAX service. The widespread presence of our Service Centers throughout the country also allows us to offer immediate post-sales support for any need. Count on us.

## OUR VIEW OF THE WORLD

As a holding company, Naicon provides financial support for the development of divisions in national and international markets, leveraging valuable networks of alliances and distribution agreements, state-of-the-art production processes, a particular focus on technological innovation in the industry, and attention to commercial sector trends.

Naicon prides itself on offering customized solutions tailored to customer needs, constantly improving through ongoing research and development activities, always ready to meet the challenges of the global market.



Protect your devices. The continuous development of Elsisit UPS production ensures reliability and safety for the power line. A catalog designed to meet all needs offers ranges up to 800KVA with customizable products, low distortion technology, high inverter efficiency, and 24/7 maintenance and monitoring services.

Establishment of the holding company Naicon S.r.l.

2002



Subsidiary incorporation of Dinergi S.r.l.

2007



2004

Creation of the new division Diloc - Air Conditioning Systems



2009

Corporate acquisition and establishment of the 4x-e division



New brand identity

2023







# IMPROVING THE ENVIRONMENT









## DILOC MEANS EFFICIENCY

At Diloc, we believe in intelligent air conditioning, in technology that serves people, capable of bringing concrete improvement to everyday comfort while minimizing energy consumption. The Diloc 2024 Mono and Multi Split ranges, rated A++ and A+++ for heating and cooling, with Inverter compressor and eco-friendly refrigerant gases R32 and R290, allow savings of up to 50% in consumption compared to less efficient technologies, significantly reduced utility bills, and true environmental sustainability.



## QUALITY CONTROL

Nothing is left to chance. Behind the quality of Diloc air conditioners lies a scrupulous study and control of materials, processes, and components. Throughout the entire production cycle, we perform tests on ventilation airflow, electrical consents in heating and cooling modes, functionality tests of fins and drainage, checks on finishes and final aesthetics, and many other random inspections.



## 360° SUPPORT

We take care of our products at every stage of production. And beyond. For any installation issue or doubt about product features, Diloc provides continuous authorized after-sales support service throughout Italy. Something is not right? Contact us, we'll have the right solution for you.

# CHOOSING THE AIR CONDITIONER



## ECO-FRIENDLY REFRIGERANTS

Well-being is also for the environment. Diloc air conditioners use R32 and R290 refrigerant gases, with a 68% lower, than the traditional R410, Global Warming Potential (GWP).



## DC INVERTER TECHNOLOGY

The Inverter system allows for adaptive operation of the compressor, constantly adjusting its speed to the actual air conditioning needs of the environment, without waste. Thanks to more efficient operation, energy consumption is significantly reduced. To cut costs while safeguarding the planet.



## COMMERCIAL CONSULTATION

Our team of experts is ready to help you choose the air conditioner best suited to your needs, considering room dimensions, building characteristics, and your personal preferences. We offer a wide range of high-quality air conditioners, both fixed and portable, with various cooling capacities and additional features such as remote control and automatic programming.



# KEY



**TIMER**  
Function that allows a timed turning on and off



**INVERTER**  
Technology for the highest piloting efficiency of the compressor



**AUTO SWING**  
Automatic swinging movement of the fins



**ECO**  
Function that minimizes the electric consumption



**BLUE FIN**  
Anticorrosion treatment of the external and internal heating exchanger



**GOLDEN FIN**  
Anticorrosion system, protects the system also when the installation takes place in particularly oxidizing areas



**HEAT PUMP**  
System that transfers the heat that is subtracted from the external air and released inside the room



**AUTO FUNCTION**  
The air-conditioning determines the appropriate operating mode according to the set temperature



**I FEEL**  
The temperature is detected by a sensor placed in the remote control



**CARBON FILTER**  
Activated carbon filter able to eliminate dust, smoke and bad smells improving the air quality



**2430 HOLES**  
Micro-perforated fin to make the air flow more comfortable



**FAST COOLING & HEATING**  
Quickly reaches the desired temperature



**MATT FINISH**  
Elegant matt finish



**STERILIZATION**  
Removal of viruses and bacteria



**TURBO FUNCTION**  
Function that allows the fan to increase the speed in order to reduce the cooling or heating time



**SLEEP FUNCTION**  
Night function programme for a better comfort



**ANTI COLD AIR**  
Function that does not allow the emission of cold air from just turned-on indoor units into heat pumps mode



**BLACKLIT DISPLAY**  
The display stays hidden behind the frontal panel of the indoor unit. Nocturnal function available



**AUTO CLEANING**  
Particular ventilation cycle that allows to sanitize the internal part of the wall models, by limiting the emission of bad smell when turned-on



**DOUBLE DRAIN**  
Drain pan of the bi-directional indoor unit



**DEHUMIDIFICATOR**  
Function that allows to reduce the degree of humidity in the room



**8 °C CONTROL**  
When the internal temperature reaches 8 °C, the air conditioner warms up the environment automatically



**GENTLE COOLING**  
The air flow is spread in a delicate way and more distributed thanks to the passage through the micro-holes



**AUTO DIAGNOSIS**  
A monitoring system that allows to diagnose any malfunction and view the related error codes



**COLD PLASMA**  
The air is sterilized, and dust, smoke and bad smells are eliminated



**3D AIR CONDITIONING**  
Synchronized movement of horizontal and vertical deflectors



**WI-FI FUNCTION READY**  
The indoor units are equipped for Wi-Fi functioning



**WI-FI FUNCTION**  
The indoor units have a pre-installed Wi-Fi mode





### NO DISTURBANCE

The compressors in Diloc air conditioners are designed to ensure maximum operational efficiency with minimal disturbance to the user.

Thanks to components engineered to reduce noise from vibrations, electromagnetic interference, and air flow, along with rigorous quality controls during full operation, Diloc systems condition the environment while maintaining a low sound power level of up to 18dB.

For complete peace of mind, the Sleep function provides ideal comfort even during sleep hours by adjusting the compressor speed to maintain the perfect nighttime temperature without causing disturbance.



### ECO MODE

The new Eco option, available on all Diloc air conditioners, optimizes the engine's operation to ensure the usual comfort with reduced energy consumption.

The temperature is automatically adjusted to a comfortable level, and the maximum operating frequency of the compressor is reduced, eliminating energy waste. Laboratory tests have shown that using the Eco function can achieve a 15% energy savings with each air conditioner start-up.

## PRODUCT BENEFITS



### GENTLE COOLING

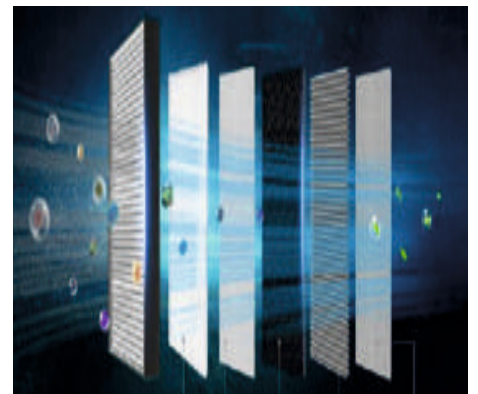
Immerse yourself in the gentle climate of Diloc. The 3D diffusion system utilizes the combined action of the deflectors to provide uniform cooling throughout the room, enhancing the comfort of your surroundings. With the innovative Gentle Cooling feature, the airflow is broken up and gradually diffused through the microholes in the deflector blades. For 360° comfort, without drafts.





## WELLNESS FUNCTIONS

The new Diloc air conditioners come with a wide range of standard Wellness features: maximize comfort and efficiency with the "Auto" mode and the "I Feel" presence recognition option, enjoy intense cooling with the "Turbo" mode, benefit from customizable Timer programming, and experience the tranquility of the "Sleep" option, both in cooling and heating modes.



## ANTI-IMPURITY SYSTEM

Breathe freely. Diloc air purifiers use a multilayer HEPA filter to remove harmful particles and unpleasant odors from the air. Additionally, the silver ion sterilization system eliminates germs, bacteria, and pollutants, thoroughly purifying the emitted air to ensure a consistently healthy and sanitized environment.

In equipped air conditioners, the Cold Plasma function sterilizes the air, removing dust, smoke, and odors, thereby improving air quality for better health.

Active carbon filters deodorize and purify the air by trapping dust particles, pollen, smog, and bacteria.



## SELF-DIAGNOSIS

Cooling doesn't stop. The self-diagnosis functions, automatic leak detection, internal unit sanitization, and defrost cycles enable Diloc air conditioners to autonomously identify and resolve any issues, extending the lifespan of the units and maintaining higher performance for longer.



## EASY INSTALLATION

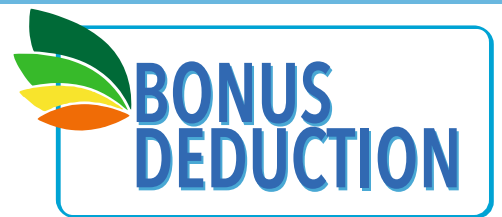
Experience hassle-free installation with our air conditioners! Refreshing your home or office has never been easier. With our innovative design and straightforward setup, you can enjoy the comfort you want in no time. Our air conditioners are designed for easy installation, eliminating the need for complex procedures.

Plus, our support team is always here to answer your questions and provide all the help you need during the installation process.



## SMART CONNECTIVITY

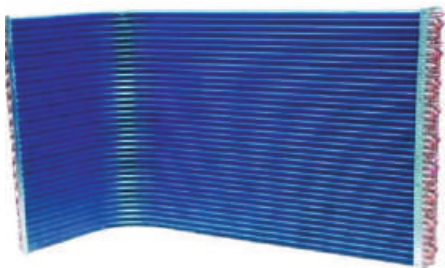
The Diloc connectivity package, available as standard or with a dedicated kit, allows air conditioners to connect to your home WiFi network for easier control using the free app. The latest models are also compatible with major voice assistants, including Amazon Alexa and Google Home, offering even simpler management within your smart home system.



## ECO BONUS

Take advantage of the 65% TAX CREDIT on the installation of your new air conditioner. We offer a wide range of high-energy-efficiency air conditioners, ensuring excellent performance and significant savings on your energy bills. Our team is here to guide you through selecting the right air conditioner for the Tax Credit and to ensure you receive all available benefits.



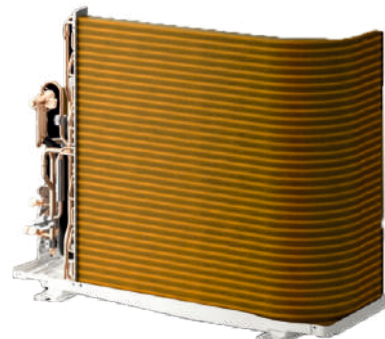


### PROTEZIONE BLUE FIN

Level 1 Protection:

The Blue Fin anti-corrosion treatment provides the outdoor unit with enhanced resistance to rain, pollution, and external agents, improving the efficiency of the heat exchangers and extending their performance.

For savings that last longer.



### PROTEZIONE GOLDEN FIN

Level 3 Protection:

In equipped air conditioners, the Golden Fin anti-corrosion treatment provides the outdoor unit with enhanced resistance to rain, salt spray, pollution, and aggressive external agents, increasing the efficiency of the heat exchangers and extending their performance, up to three times better than standard protections.

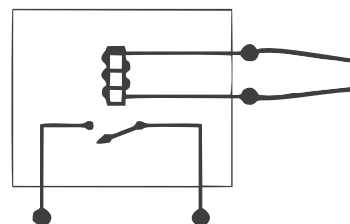
## PRODUCT BENEFITS



### GUARANTEED QUALITY

Diloc air conditioner ranges come with a 2-year warranty and a 5-year warranty for Inverter compressors, ensuring a safe and responsible choice built to last.

See the warranty conditions in the appendix for details.



### ON-OFF FUNCTION CLEAN CONTACT

You can connect the window to the ON-OFF contact, and if it is open for more than 30 seconds, the air conditioner will turn off. When the window is closed, the air conditioner will determine whether to turn on based on the selected settings, thus creating conditions for energy savings.

This feature is only available on the MATT series.



MONOSPLIT SYSTEMS

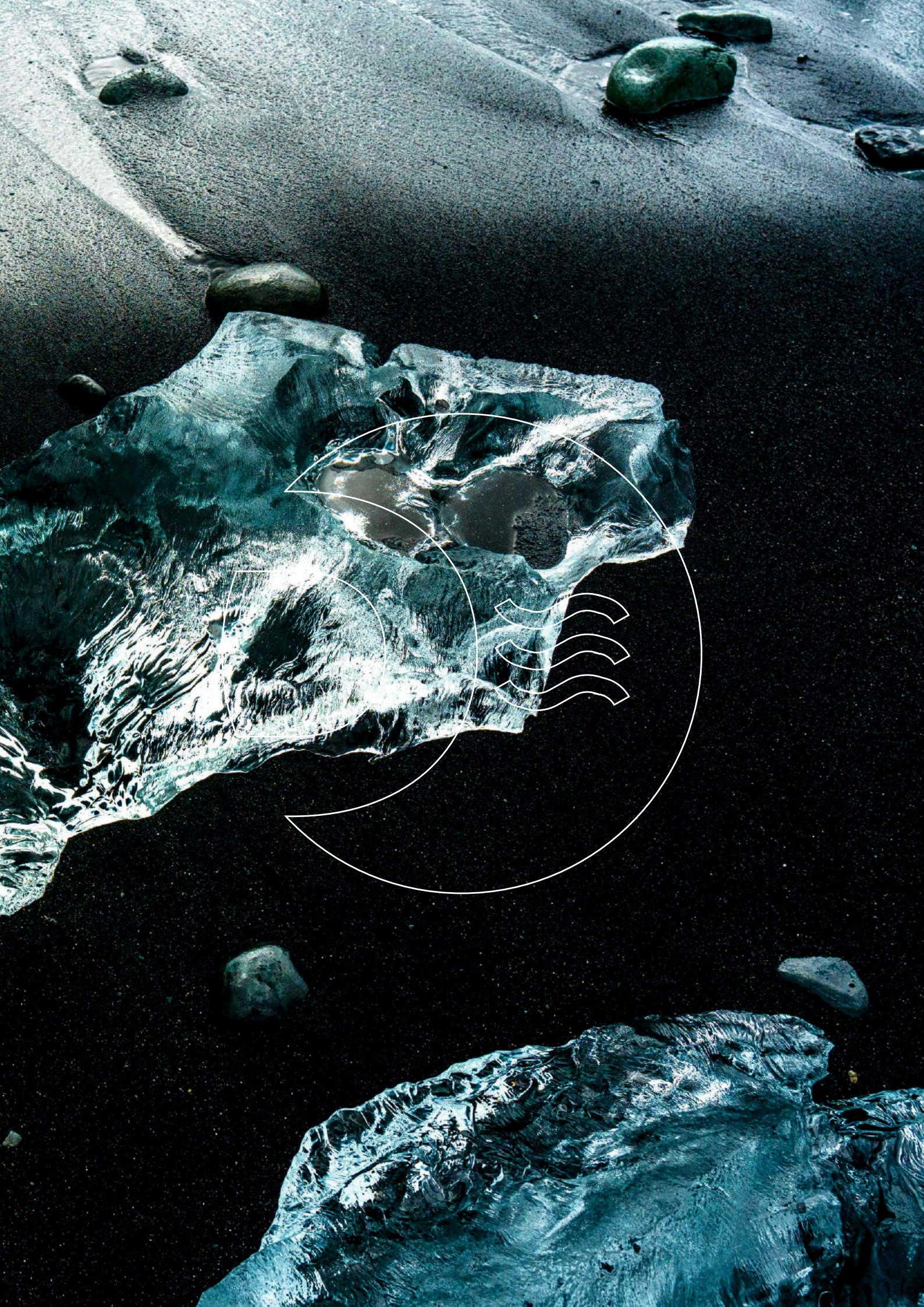
# MATT SERIES

Discover the future of air conditioning with Matt, featuring minimalist geometric lines that add a touch of modernity to any space, along with intelligent micro-hole air supply technology.

The perfect blend of cutting-edge technology and refined design from Diloc.









### **GENTLE COOLING**

With 2430 microholes and no direct airflow, the special structure of the fin with 2430 microholes allows for a gentle and continuous air diffusion, ensuring comfort without thermal fluctuations.

### **QUIET OPERATION**

Only 18dB. Maximum comfort with barely any sound—forget that it's even on, ensuring a restful night's sleep.

### **INTEGRATED WIFI**

Compatible with Alexa and Google Assistant

### **COLD PLASMA**

Sterilizes and eliminates dust, smoke, and unpleasant odors, improving air quality for better health

### **GOLDEN FIN**

Anti-corrosion system that protects the unit even when installed in highly corrosive environments.

### **CARBON FILTER**

Eliminates bad odors, smoke, and vapors, purifying the air.

### **ON-OFF CONTACT**

Equipped for clean on-off contact.

### **INNOVATIVE DESIGN**

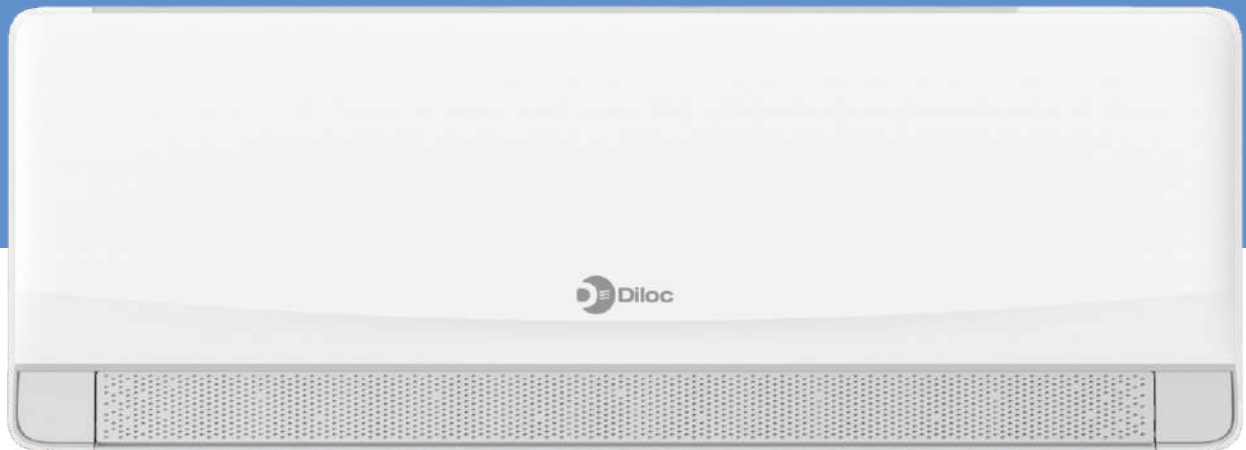
The matte finish integrates seamlessly, adding a touch of modernity to any environment.

### **ENERGY SAVINGS**

Reduced consumption with a low environmental impact.

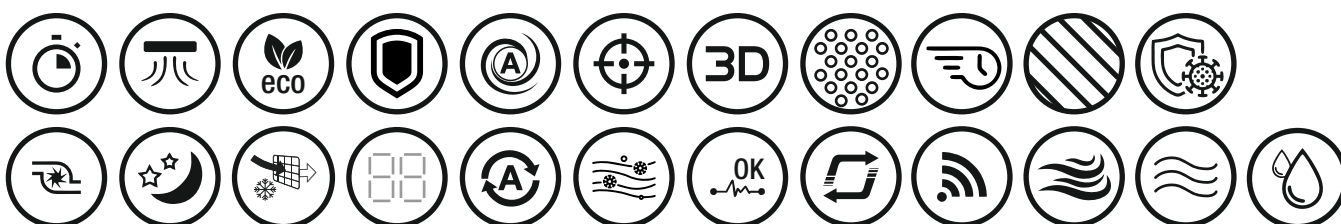
### **HIGH EFFICIENCY**

A+++ for both heating and cooling. New compressors, large air volume treatment, and advanced electronics for maximum energy savings. Rapid cooling in 30 seconds and quick heating in 60 seconds.





		D.MATT109+ D.MATT09	D.MATT112+ D.MATT12	D.MATT118+ D.MATT18	D.MATT124+ D.MATT24
<b>Power supply</b>		220-240V~/50Hz/1P			
<b>Cooling</b>					
Nominal capacity	Btu/h	9200(2048-13656)	12400(2219-13997)	18500(4438-20143)	24600(6145-25265)
Nominal capacity	W	2700(600-4000)	3500(650-4100)	5400(1300-5900)	7200(1800-7400)
Power consumption	W	720(100-1200)	870(130-1550)	1430(290-1950)	1700(230-2300)
Current consumption	A	3,3(0,56-5,32)	4,2(0,56-5,8)	6,4(2,2-6,8)	7,9(1-10)
EER		3,75	4,02	3,78	4,24
<b>Heating</b>					
Nominal capacity	Btu/h	11300(2731-14339)	14400(3175-14339)	19800(4438-20826)	25000(6145-27313)
Nominal capacity	W	3300 (800-4200)	4200(930-4200)	5800(1300-6100)	7300(1800-8000)
Power consumption	W	800(200-1200)	1060(230-1300)	1330(250-1800)	2300(230-2530)
Current consumption	A	3,9(1,02-5,32)	4,8(1,0-6,3)	6,1(2,0-8,0)	10,5(1-11)
COP		4,12	3,96	4,36	3,71
Seas. cooling eff./Capacity (pdesignc) kW		2,7	3,5	5,4	7,2
SEER		8,7	8,7	8,7	8,7
Energy efficiency class		A+++	A+++	A+++	A+++
Seas. heating eff. <sub>(warm climate)</sub> /Cap.(pdesignh) kW		2,6	3,4	5,4	6,8
SCOP		5,9	5,5	5,8	5,4
Energy efficiency class		A+++	A+++	A+++	A+++
<b>Indoor unit</b>					
Max air flow rate	m³/h	700	700	1000	1300
Sound press. level (Turbo/High/Med/Low/Mute)	dB(A)	44/38/30/25/18	46/40/35/27/18	46/40/35/28/19	52/43/38/30/20
Sound power level (Turbo/High/Med/Low/Mute)	dB(A)	54/49/45/43/34	56/51/46/44/35	56/51/46/44/35	62/55/50/48/39
Dimensions (WxHxD)	mm	768×299×201	827×299×201	1140×332×230	1140×332×230
Net weight	Kg	8,0	8,5	13,5	14,0
<b>Outdoor unit</b>					
Sound pressure level/Sound power level	dB(A)	51/55	52/56	53/57	55/59
Dimensions (WxHxD)	mm	708×530×258	708×530×258	785×548×281	890×695×319
Net weight	Kg	22,5	24,5	28,5	41,0
<b>Refrigerant</b>					
Type/GW		R32/675	R32/675	R32/675	R32/675
Precharged quantity/T CO2eq	Kg/T	0,55/0,37	0,6/0,40	1,03/0,69	1,2/0,81
<b>Gas piping</b>					
Liquid side/Gas side	Inches	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	1/4"/5/8"
Max pipe length/height difference	m	20/10	20/10	20/10	25/15



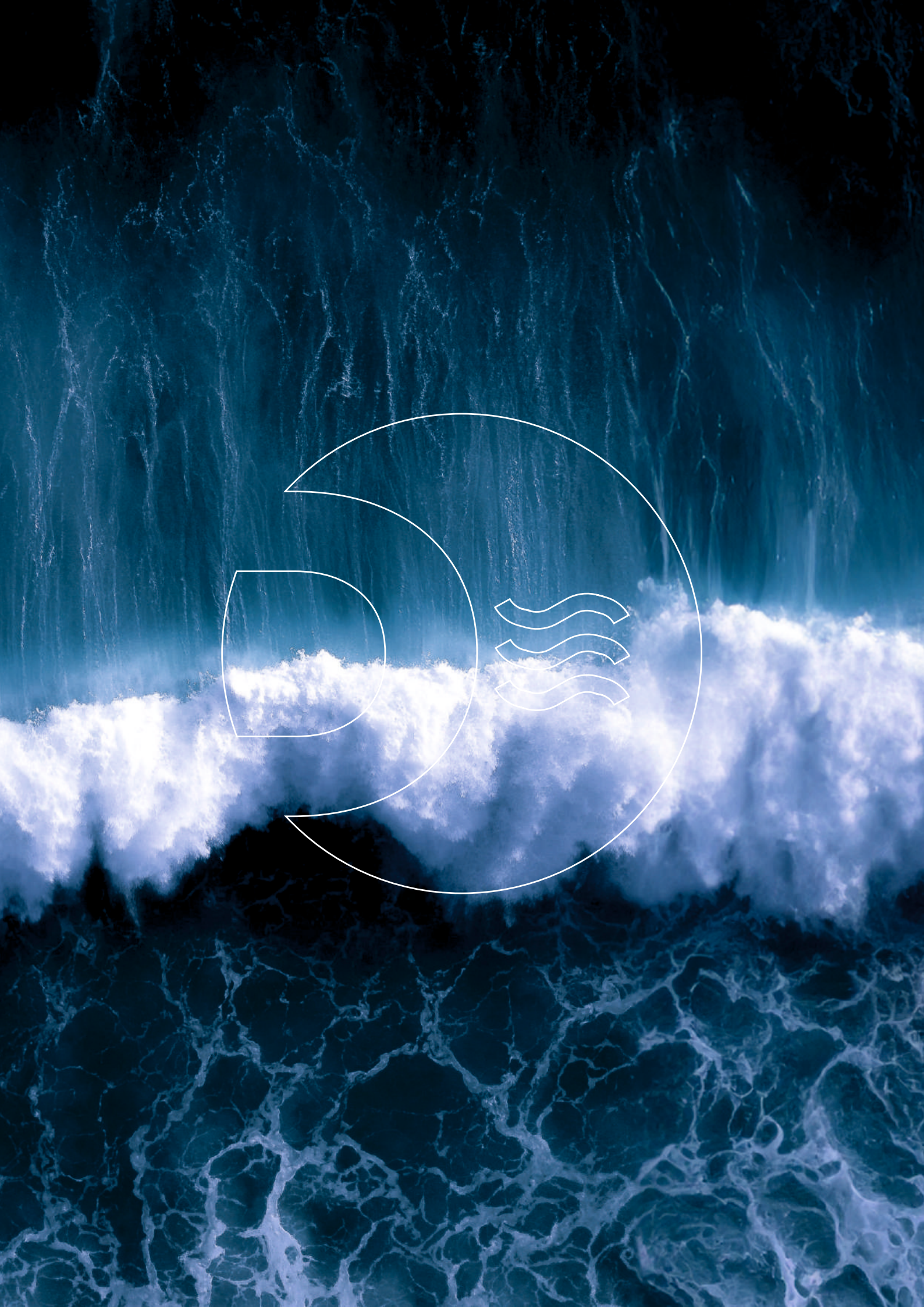


MONOSPLIT SYSTEMS

# OCEAN SERIES

Discover the exclusive design of Ocean, featuring a Total White finish, a hidden display, and Wave Wing side grooves, created to blend seamlessly with any decor. Bring a breath of style into your home and enjoy the gentle cooling of Diloc.







## ENERGY SAVINGS

Reduced consumption and low environmental impact, thanks to the high-efficiency Inverter motor and the new Eco function.

## INTEGRATED WIFI

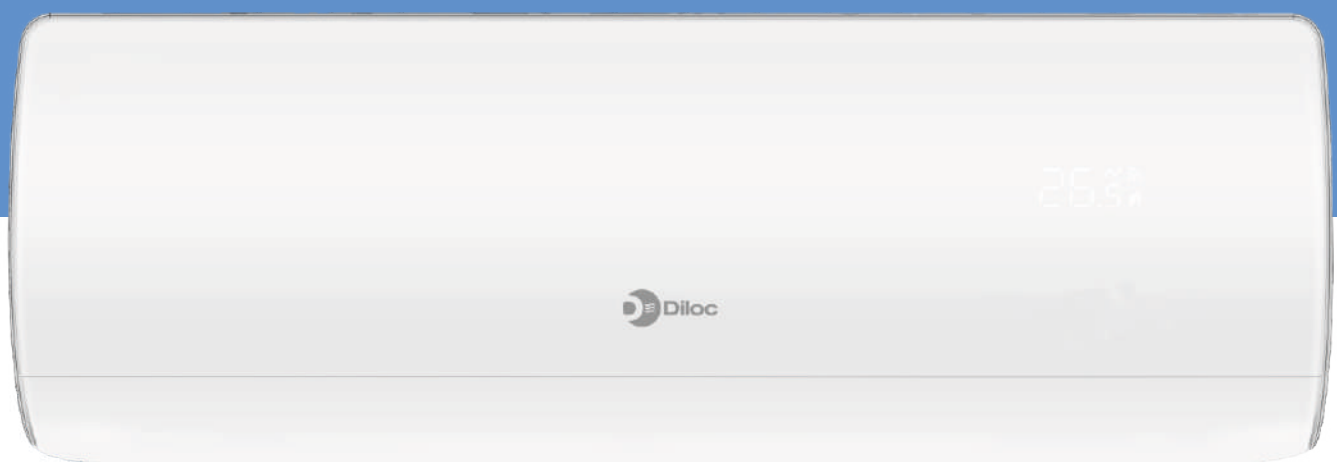
Ocean comes with built-in WiFi integration for control via smartphone through an app

## GENTLE COOLING

Adjustable fins allow for uniform and enveloping air distribution, thanks to the combined horizontal and vertical movement that avoids direct airflow.

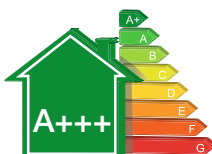
## HIGH EFFICIENCY

A+++ for both heating and cooling. New compressors, large air volume treatment, and advanced electronics for maximum energy savings.





		D.OCEAN109+ D.OCEAN09	D.OCEAN112+ D.OCEAN12
<b>Power supply</b>		220-240V~/50Hz/1P	
<b>Cooling</b>			
Nominal capacity	Btu/h	9400(2731~11949)	12500(2731~14680)
Nominal capacity	W	2760(800~3500)	3660(800~4300)
Power consumption	W	620(200~1450)	966(2731~1600)
Current consumption	A	3,8(1,2~6,5)	5,4(1,2~7,2)
EER		4,38	3,84
<b>Heating</b>			
Nominal capacity	Btu/h	9600(3414~12973)	13400(2731~15363)
Nominal capacity	W	2900(1000~3800)	3940(800~4500)
Power consumption	W	660(200~1550)	1010(240~1750)
Current consumption	A	3,7(1,2~7,0)	4,5(1,2~8,0)
COP		4,39	3,86
Seas. cooling eff./Capacity (pdesignc)	kW	2,7	3,6
SEER/Energy efficiency class		8,5/A+++	8,5/A+++
Seas. heating eff. <sub>(warm climate)</sub> /Cap.(pdesignh)		2,3	2,8
SCOP/Energy efficiency class	kW	5,4/A+++	5,4/A+++
<b>Annual energy consumption</b>			
Cooling	kWh/a	111	148
Heating (medium)	kWh/a	669,6	822,0
Dehumidification capacity	L/h	1,0	1,2
<b>Indoor Unit</b>			
Maximum air flow (cooling/heating)	m³/h	850/850	850/850
Sound press. level (Turbo/High/Med/Low/Mute)	dB(A)	42/39/35/29/24	42/39/35/29/24
Sound power level (Turbo/High/Med/Low/Mute)	dB(A)	53/49/45/37/34	53/49/45/37/34
Dimensions (WxHxD)	mm	883x310x195	883x310x195
Net/gross weight	Kg	10,5/13,0	10,5/13,0
<b>Outdoor unit</b>			
Sound pressure level/Sound power level	dB(A)	52/62	52/62
Dimensions (WxHxD)	mm	795x305x549	795x305x549
Net/Gross weight	Kg	25/27	28/32
<b>Refrigerant</b>			
Type/GW		R32/675	R32/675
Precharged quantity/T CO <sub>2</sub> eq		0,57Kg/0,385t	0,8Kg/0,54t
<b>Gas piping</b>			
Liquid side/Gas side	Inches	1/4"/3/8"	1/4"/3/8"
Maximum pipe length/Height difference	m	25/10	25/10







MONOSPLIT SYSTEMS

# OASI SERIES

Indulge in the smart comfort of OASI air conditioners.

Featuring a modern backlit display, OASI comes with built-in Wi-Fi Connectivity and is compatible with Alexa and Google Assistant.

Thanks to its high energy efficiency, the OASI series also qualifies for the tax benefits provided by EcoBonus/Conto Termico.







### COMPACT SIZE

The compact dimensions of the indoor and outdoor units allow for easy installation without taking up space in the environment.

### ELEGANT FINISHES

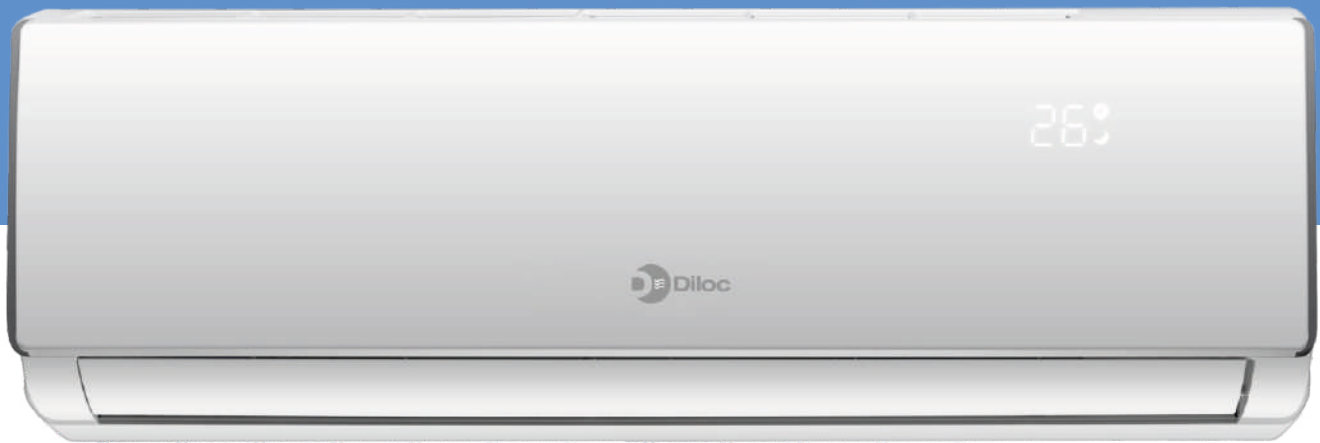
Add a touch of style to your home with the simple and elegant design of Oasi.

### ECO-FRIENDLY

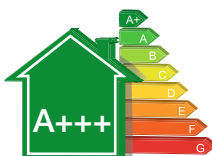
Respects the environment by using the low-GWP R32 refrigerant.

### INTEGRATED WIFI

Compatible with Alexa and Google Assistant.



		D.OASI109+ D.OASI09	D.OASI112+ D.OASI12	D.OASI118+ D.OASI18	D.OASI124+ D.OASI24
<b>Power supply</b>		220-240V~/50Hz/1P			
<b>Cooling</b>					
Nominal capacity	Btu	9000(3057~11253)	12000(3140~12856)	18000(4263~20153)	24000(6240~26598)
Nominal capacity	W	2600 (940~3300)	3400(1000~3770)	5100 (1249~5906)	6800( 1829~7795)
Power consumption	W	804(240~1380)	1052(290~1500)	1580(330-2340)	2257(410~2824)
Current consumption	A	4,0(1,2~8,0)	5,8(1,5~9,0)	8,1(1,7~12,0)	10,7(2,3~12,3)
EER		3,25	3,23	3,23	3,23
<b>Heating</b>					
Nominal capacity	Btu	9200(3057~11458)	12000(3140~12992)	18000(4263-20699 )	24000(6308-26936)
Nominal capacity	W	2610(940~3360)	3420(1000~3810)	5100(1249~6066)	6900(1849~7894)
Power consumption	W	703(240~1552)	921(290~1720)	1374(340-2520)	2063(420~3005)
Current consumption	A	3,6(1,2~9,0)	4,7(1,5~10,0)	7,0(1,7~13,0)	9,9(2,3~13,5)
COP		3,73	3,71	3,71	3,71
Seas. cooling eff./Capacity (pdesignc) kW		2,6	3,4	5,1	6,8
SEER/Energy efficiency class		6,3/A++	6,1/A++	6,1/A++	6,1/A++
Seas. heating eff. (warm climate)/Cap.(pdesignh) kW		2,2	2,4	5,0	5,8
SCOP/Energy efficiency class		5,1/A+++	5,1/A+++	5,0/A+++	5,0/A+++
Dehumidification capacity	L/h	1,0	1,2	1,5	1,8
<b>Indoor unit</b>					
Maximum airflow	m³/h	420	550	800	980
Sound press. level (Turbo/High/Med/Low/Mute)	dB(A)	40/37/33/25/22	40/37/33/25/22	43/41/38//35/27	44/41/38/34/30
Sound power level (Turbo/High/Med/Low/Mute)	dB(A)	50/47/43/35/32	50/47/43/35/32	53/50/47/43/36	54/51/48/44/40
Dimensions (WxHxD)	mm	698x255x190	698x255x190	910x294x206	1010x315x220
Net/gross weight	Kg	6,5/8,5	6,5/8,5	10/13	13/16
<b>Outdoor unit</b>					
Sound pressure level/Sound power level	dB(A)	50/60	52/62	55/65	57/67
Dimensions (WxHxD)	mm	712x459x276	712x459x276	890x628x385	960x732x400
Net/gross weight	Kg	22/24	22/24	35/39	40/46
<b>Refrigerant</b>					
Type/GW		R32/675	R32/675	R32/675	R32/675
Precharged quantity/T CO²eq	Kg/T	0,45/0,30	0,45/0,30	1/0,67	1,14/0,76
<b>Gas piping</b>					
Liquid side/Gas side	Inches	1/4"/3/8"	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"
Max pipe length/height difference	m	25/10	25/10	25/10	25/10
<b>Connection cables</b>	n° for sec.	4x0,75mm²	4x0,75mm²	4x0,75mm²	4x0,75mm²



MONOSPLIT SYSTEMS

# DUNE SERIES

DUNE air conditioners are an efficient and sustainable choice, with an energy class rating of A++, offering the best value for residential climate control. Discover practical features for everyday comfort and the convenience of integrated smart WiFi-Ready control.





### **ECONOMIC AND ELEGANT**

Diloc's best value for money, in a unique front panel design

### **ENERGY SAVING**

Low power consumption and low environmental impact, thanks to high-efficiency inverter motor and new eco function

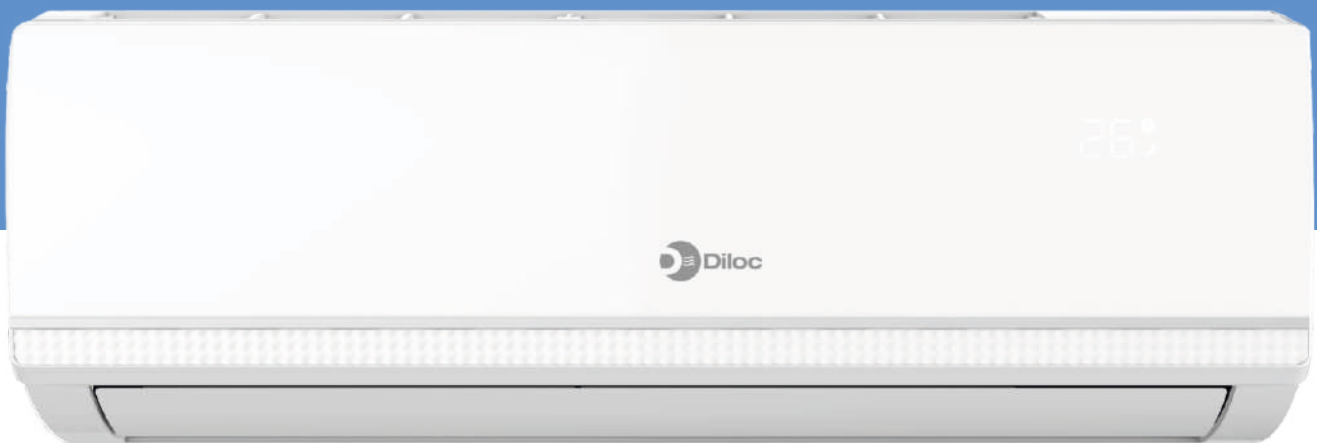
### **WI-FI READY**

Dune is compatible with the Diloc smart connectivity package to control home comfort from your smartphone via app

### **BLUE FIN PROTECTION**

Level1 Protection:

Blue Fin anti-corrosion treatment gives the outdoor unit greater resistance to rain, pollution and external agents, increasing the efficiency of heat exchangers and prolonging their performance, for a saving that lasts longer





		D.DUNE109+ D.DUNE09	D.DUNE112+ D.DUNE12	D.DUNE118+ D.DUNE18	D.DUNE124+ D.DUNE24
<b>Power supply</b>		220-240V~/50Hz/1P			
<b>Cooling</b>					
Nominal capacity	Btu	9000(3057~11253)	12000(3140~12856)	18000(4263~20153)	24000 (6240~26598)/
Nominal capacity	W	2600 (940~3300)	3400(1000~3770)	5100 (1249~5906)	6800( 1829~7795)
Power consumption	W	804(240~1380)	1052(290~1500)	1580(330-2340)	2257(410~2824)
Current consumption	A	4,0(1,2~8,0)	5,8(1,5~9,0)	8,1(1,7~12,0)	10,7(2,3~12,3)
EER		3,25	3,23	3,23	3,23
<b>Heating</b>					
Nominal capacity	Btu	9200(3205~11458)	12000(3140~12992)	18000(4263-20699 )	24000(6308-26936)
Nominal capacity	W	2610(940~3360)	3420(1000~3810)	5100(1249~6066)	6900(1849~7894)
Power consumption	W	703(240~1552)	921(290~1720)	1374(340-2520)	2063(420~3005)
Current consumption	A	3,6(1,2~9,0)	4,7(1,5~10,0)	7,0(1,7~13,0)	9,9(2,3~13,5)
COP		3,73	3,71	3,71	3,71
Seas. cooling eff./Capacity (pdesignc) kW		2,6	3,4	5,1	6,8
SEER/Energy efficiency class		6,1/A++	6,1/A++	6,1/A++	6,1/A++
Seas. heating eff. <sub>(warm climate)</sub> /Cap.(pdesignh) kW		2,0	2,1	3,8	4,8
SCOP/Energy efficiency class		4,0/A+	4,0/A+	4,0/A+	4,0/A+
Dehumidification capacity	L/h	1,0	1,2	1,5	1,8
<b>Indoor unit</b>					
Maximum airflow	m³/h	420	550	800	980
Sound press. level (Turbo/High/Med/Low/Mute)	dB(A)	40/37/33/25/22	40/37/33/25/22	43/41/38//35/27	44/41/38/34/30
Sound power level (Turbo/High/Med/Low/Mute)	dB(A)	50/47/43/35/32	50/47/43/35/32	53/50/47/43/36	54/51/48/44/40
Dimensions (WxHxD)	mm	698x255x190	698x255x190	910x294x206	1010x315x220
Net/gross weight	Kg	6,5/8,5	6,5/8,5	10/13	13/16
<b>Outdoor unit</b>					
Sound pressure level/Sound power level	dB(A)	50/60	52/62	55/65	57/67
Dimensions (WxHxD)	mm	712x459x276	712x459x276	890x628x385	960x732x400
Net/gross weight	Kg	22/24	22/24	35/39	40/46
<b>Refrigerant</b>					
Type/GW		R32/675	R32/675	R32/675	R32/675
Precharged quantity/T CO <sub>2</sub> eq	Kg/T	0,45/0,30	0,4/0,30	1/0,67	1,14/0,76
<b>Gas piping</b>					
Liquid side/Gas side	Inches	1/4"/3/8"	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"
Max pipe length/height difference	m	25/10	25/10	25/10	25/10
<b>Connection cables</b>	n° for sec.	4x0,75mm²	4x0,75mm²	4x0,75mm²	4x0,75mm²



FREEMATCH SYSTEMS

# MULTIATTACHMENTS FREEDOM

Maximum functionality and perfect distribution of air in all rooms: try the Multi Freedom series, the Freematch system that allows the combination of split and commercial indoor units. With the new low-power operation options, Multi Freedom ensures excellent performance and comfort without waster









## FREEDOM SERIES

Create the perfect system for your environments! The Freedom Series Freematch system allows you to connect up to five indoor units to one outdoor unit. The ideal solution for air conditioning multiple rooms while reducing consumption. Discover the Freedom configuration that's right for you

## COMPATIBLE INTERNAL UNITS

Split  
Cassette  
Console  
Duct





		D.FREEDOM240	D.FREEDOM245	D.FREEDOM360	D.FREEDOM480	D.FREEDOM500
Rif.Indoor Unit - Capacity Btu/h		9k+9k	9k+9k	9k+9k+9k	9k+9k+9k+9k	9k+9k+9k+9k+9k
Power supply		220-240V~/50HZ				
Cooling						
Nominal capacity	Btu/h	14000(4000~16500)	18000(4200~19100)	21000(9500~22500)	32000(10600~35000)	42000(11300~44700)
Nominal capacity	W	4100(1200~4850)	5100(1230~5600)	6200(2800~6600)	9400(3100~10200)	12200(3300~13100)
Power consumption	W	1269(250~1660)	1545(280~2050)	1920(340~2580)	2765(410~3500)	3812(730~5400)
Current consumption	A	6,3(1,2~9,0)	7,5(1,3~10,5)	9,8(1,5~13,2)	14,1(1,8~17,0)	16,8(3,2~24,0)
EER		3,29	3,24	3,23	3,40	3,23
Heating						
Nominal capacity	Btu/h	15350(4300~17800)	18000(4400~19600)	22000(8350~23200)	32000(8700~35000)	42000(11300~44700)
Nominal capacity	W	4500(1250~5200)	5200(1290~5750)	6500(2450~6800)	9450(2550~10200)	12200(3300~13100)
Power consumption	W	1159(230~1560)	1333(280~2050)	1752(400~2580)	2547(510~3500)	3686(800~5400)
Current consumption	A	5,9(1,1~8,0)	6,2(1,3~10,5)	9,0(1,7~13,2)	13,0(2,3~17,0)	15,8(3,5~24,0)
COP		3,71	3,73	3,71	3,71	3,71
Cooling Capacity (Pdesignc)	kW	4,1	5,2	6,2	9,3	12,2
	Btu/h	14000	18000	21000	32000	42000
SEER/Energy efficiency class		6,1 (A++)	6,2 (A++)	6,1 (A++)	6,1 (A++)	6,1 (A++)
Heating (av. climate) Capacity (Pdesignh)	kW	3,8	4,0	5,4	7,3	9,5
	Btu/h	13000	13650	19100	25000	32400
SCOP/Energy efficiency class		4,0 (A+)	4,0(A+)	4,0 (A+)	4,0 (A+)	4,0 (A+)
Sound power level (High)	dB(A)	64	65	68	70	70
Dimensions (WxHxD)	mm	853×602×349	853×602×349	920×699×380	990×910×340	990×910×340
Net weight/gross	Kg	29/31	31/33	42/45	68/72	73/85
Refrigerante						
Tipo /GWP		R32/675	R32/675	R32/675	R32/675	R32/675
Precharged quantity/T CO <sup>2</sup> eq	Kg/T	0,8/0,561	1,1/0,743	1,6/1,013	2,2/1,485	3,0/2,025
Gas piping						
Liquid side/Gas side	Inches	1/4"/3/8"	1/4"/3/8"	1/4"/3/8"	1/4"/3/8"	1/4"/3/8"



## COMPATIBLE INDOOR UNITS

### SPLIT SERIES OASI



		D.OASI09	D.OASI12	D.OASI18
<b>Cooling</b> nominal capacity	Btu/h / kW	9000 / 2,6	12000 / 3,5	18000 / 5,1
<b>Cooling</b> power consumption	W	35	35	52
<b>Cooling</b> current consumption	A	0,2	0,2	0,34
<b>Heating</b> nominal capacity	Btu/h / kW	9000 / 2,6	12000 / 3,5	18000 / 5,2
<b>Heating</b> power consumption	W	35	35	52
<b>Heating</b> current consumption	A	0,2	0,2	0,34
Maximum airflow	m³/h	420	550	800
Sound press. level (Turbo/High/Med/Low/Mute)	dB(A)	40/37/33/25/22	40/37/33/25/22	43/41/38//35/27
Sound power level (Turbo/High/Med/Low/Mute)		50/47/43/35/32	50/47/43/35/32	53/50/47/43/36
Dimensions (WxHxD)	mm	698x255x190	698x255x190	910x294x206
Net/gross weight	Kg	6,5/8,5	6,5/8,5	10/13
<b>Gas piping</b> Liquid side/Gas side	Inches	1/4"/3/8"	1/4"/3/8"	1/4"/3/8"
<b>Gas piping</b> Max pipe length/height difference	m	15/10	15/10	15/10





## COMBINABLE INDOOR UNITS

### CONSOLE SERIES

Simple, versatile, refined. Console series units are suitable for low-wall installations, ideal for small and medium-sized spaces such as stores and offices.

The compact and essential design, with matte panel and elegant finishes, makes them suitable for any type of environment.

Diloc Console air conditioners are equipped with a new feature package. Discover the built-in WiFi connectivity with control via App, which simplifies settings for more intuitive temperature control, or select the operating modes you want via the panel with integrated display and included remote control.



		D.IN-CONSOLE09	D.IN-CONSOLE12	D.IN-CONSOLE18
<b>Cooling</b> nominal capacity	Btu/h /kW	9000/2,6	12000/3,5	18000/5,3
<b>Cooling</b> power consumption	W	35	37	48
<b>Cooling</b> current consumption	A	0,15	0,17	0,21
<b>Heating</b> nominal capacity	Btu/h/ kW	9500/2,78	13500/3,96	19600/5,74
<b>Heating</b> power consumption	W	35	37	48
<b>Heating</b> current consumption	A	0,15	0,17	0,21
Maximum airflow	m³/h	650	650	850
Sound power level (Turbo/High/Med/Low/Mute)	dB(A)	52/48/40	52/48/40	56/53/50
Dimensions (WxHxD)	mm	700x600x215	700x600x215	700x600x215
Net/gross weight	Kg	16/18	16/18	16/18
<b>Gas piping</b> Liquid side/Gas side	Inches	1/4"-3/8"	1/4"-3/8"	1/4"-3/8"
<b>Gas piping</b> Max pipe length/height difference m		15/10	15/10	15/10

## COMBINABLE INDOOR UNITS

### CASSETTE SERIES

Discover Diloc's solutions for suspended ceiling installations. The Cassette series, thanks to its small size, offers convenience and performance in compact devices ideal for the most limited spaces that cannot accommodate bulky indoor units. A perfect choice for concealed ceiling installations in homes, commercial premises or offices.

The range is available in two power ratings (12000 and 18000 BTU), capable of giving a perfect microclimate to medium-sized rooms, in summer and winter. The Cassette range also features built-in WiFi connectivity and manual wall control optional. Diloc high efficiency meets maximum user convenience.



D.IN-CASSETTE12

D.IN-CASSETTE18

<b>Cooling</b> nominal capacity	Btu/h /kW	12000/3,5	18000/5,1
<b>Cooling</b> power consumption	W	37	40
<b>Cooling</b> current consumption	A	0,17	0,18
<b>Heating</b> nominal capacity	Btu/h/ kW	13500/3,9	19600/5,7
<b>Heating</b> power consumption	W	37	40
<b>Heating</b> current consumption	A	0,17	0,18
Maximum airflow	m³/h	600	800
Sound power level (Turbo/High/Med/Low/Mute)	dB(A)	52/49/46	56/52/49
Dimensions (WxHxD)	mm	574x250x574	574x250x574
Net/gross weight	Kg	20/24	20/24
<b>Gas piping</b> Liquid side/Gas side	Inches	1/4"/3/8"	1/4"/3/8"
<b>Gas piping</b> Max pipe length/height difference	cm	15/10	15/10
<b>Panel</b>			
Dimensions (WxHxD)	mm	660x30x660	660x30x660
Net/gross weight	Kg	2,5/4,5	2,5/4,5





## COMBINABLE INDOOR UNITS

### DUCT SERIES

Ducted Duct systems are the ideal choice for heating or cooling home or business spaces with an invisible and silent installation, hidden in wall niches, custom-made furniture or plasterboard and wood structures. With manual wall control, Duct ducted systems provide for all air conditioning needs without the smallest footprint.

Thin, quiet, high-efficiency: perfect the thermoregulation of offices and commercial premises with a Duct system with very low sound and visual impact. Diloc comfort as you've never seen it.



		D.IN-DUCT12	D.IN-DUCT18
<b>Cooling</b> nominal capacity	Btu/h/kW	12000/3,52	18000/5,3
<b>Cooling</b> power consumption	W	35	48
<b>Cooling</b> current consumption	A	0,16	0,21
<b>Heating</b> nominal capacity	Btu/h/kW	13500/3,95	19600/5,74
<b>Heating</b> power consumption	W	35	48
<b>Heating</b> current consumption	A	0,16	0,21
Maximum airflow	m³/h	600	850
Sound press. level (Turbo/High/Med/Low/Mute)	dB(A)	55/52/48	56/53/50
Sound power level (Turbo/High/Med/Low/Mute)	mm	700×200×450	920×200×450
Dimensions (WxHxD)	Kg	16/20	20/25
Net/gross weight	Mpa	3,7 /1,2	3,7 /1,2
<b>Gas piping</b> Liquid side/Gas side	Inches	1/4"/3/8"	1/4"/1,2"
<b>Gas piping</b> Max pipe length/height difference	m	15/10	15/10

# COMBINABLE INDOOR UNITS

## COMBINATIONS

Thanks to the connections and high adaptability, the outdoor unit of Diloc's air conditioners can be combined with several indoor units according to different combinations with maximum flexibility, ensuring greater efficiency and energy savings. Here are all the possible combinations for Diloc units.



SPLIT
D.OASI9
D.OASI12
D.OASI18



FREEDOM240	FREEDOM245	FREEDOM360	FREEDOM480	FREEDOM500
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
	✓	✓	✓	✓

CANALIZED
D.IN-DUCT12
D.IN-DUCT18



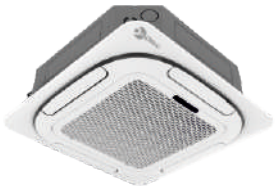
FREEDOM240	FREEDOM245	FREEDOM360	FREEDOM480	FREEDOM500
✓	✓	✓	✓	✓
	✓	✓	✓	✓

CONSOLE
D.IN-CONSOLE9
D.IN-CONSOLE12
D.IN-CONSOLE18



FREEDOM240	FREEDOM245	FREEDOM360	FREEDOM480	FREEDOM500
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
	✓	✓	✓	✓

CASSETTE
D.IN-CASSETTE12
D.IN-CASSETTE18



FREEDOM240	FREEDOM245	FREEDOM360	FREEDOM480	FREEDOM500
✓	✓	✓	✓	✓
	✓	✓	✓	✓





## COMBINABLE INDOOR UNITS

### COMBINATION TABLE

Find the perfect combination for your air conditioning needs: with the MultiFreedom series you can configure up to five units with different power ratings to bring the perfect climate to every room. See the tables to learn about possible combinations with Freedom outdoor units.

## COMPATIBLE INDOOR UNITS

Split 9 / 12 / 18

Cassette 12 / 18

Console 9 / 12 / 18

Duct 12 / 18

<b>FREEDOM240</b>	2 units	9+9	9+12		
<b>FREEDOM245</b>	2 units	9+9	9+12	12+12	
<b>FREEDOM360</b>	2 units	9+9 12+18	9+12	9+18	12+12
	3 units	9+9+9	9+9+12		
<b>FREEDOM480</b>	2 units	9+9 12+12	9+12 12+18	9+18 18+18	
	3 units	9+9+9 12+12+12	9+9+12	9+9+18	9+12+12
	4 units	9+9+9+9	9+9+9+12	9+9+12+12	
<b>FREEDOM500</b>	2 units	9+9 12+12	9+12 12+18	9+18 18+18	
	3 units	9+9+9 9+12+12 12+12+12	9+9+12 9+12+18 12+12+18	9+9+18 12+18+18	9+18+18
	4 units	9+9+9+9 9+9+12+12 12+12+12+12	9+9+9+12 9+9+12+18 9+12+12+18	9+9+9+18	9+12+12+12
	5 units	9+9+9+9+9 9+9+12+12+12	9+9+9+9+12	9+9+9+9+18	9+9+9+12+12



LIGHT COMMERCIAL

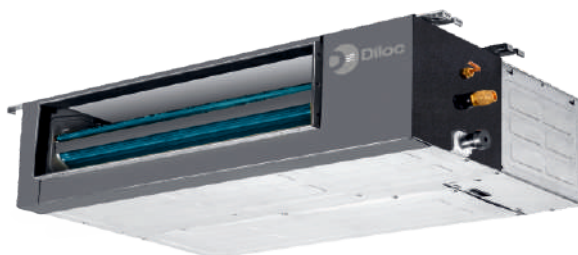
# HIGH POWER SERIES

With a simple and compact design to fit harmoniously to any environment, ideal for offices, stores and warehouses, this series, thanks to its high energy class reduces consumption and gas emissions.





		D.EXT-COM24+ D.IN-DUCT24	D.EXT-COM30+ D.IN-DUCT30	D.EXT-COM36+ D.IN-DUCT36
<b>Power supply</b>		220-240V~/50Hz/1P		
<b>Cooling</b>				
Nominal capacity	Btu/h	24000(7500~25500)	30000(7600~32000)	36000(10500~42000)
Nominal capacity	W	7030(2200~7500)	8800(2230~9380)	10550(3080~12300)
Power consumption UE/UI	W	2290(710~3135)/150(20~165)	2590(710~3415)/170(20~185)	3300(170~4320)/250(80~280)
Current consumption UE/UI	A	9,2(3,8~13,6)/1,3(0,2~1,4)	10,7(3,8~14,9)/1,4(0,2~1,6)	15,1(0,8~19,7)/1,1(0,4~1,3)
SEER		6,2	6,2	6,1
Energy efficiency class		A++	A++	A++
Capacity (pdesignc)	kW	7,0	8,8	10,1
<b>Heating (medium clima)</b>				
Nominal capacity	Btu/h	26900(7900~28500)	32000(9200~33200)	40000(11200~46000)
Nominal capacity	W	7900(2320~8350)	9380(2700~9730)	11720(3280~13500)
Power consumption UE/UI	W	2420(745~2935)/150(20~165)	2720(745~3215)/170(20~185)	3300(270~3520)/250(80~280)
Current consumption UE/UI	A	10,2(4,0~12,6)/1,3(0,2~1,4)	11,7(4,0~13,9)/1,4(0,2~1,6)	15,1(1,2~16,1)/1,1(0,4~1,3)
SCOP		4,0	4,0	4,3
Energy efficiency class		A+	A+	A+
Capacity (Pdesignh) - medium climate	kW	5,5	7,4	8,5
<b>Indoor Unit</b>				
Maximum airflow (cooling/heating)	m³/h	1350/1550	1600/1800	1900/2000
Sound power level (S/H/M/L/Mute)	dB(A)	58/55/53/48/46	57/55/54/50/48	62/59/57/55/54
Dimensions (WxHxD)	mm	920x270x570	1140x270x710	1140x270x710
<b>Outdoor Unit</b>				
Maximum airflow	m³/h	3500	4000	5000
Sound power level	dB(A)	64	66	67
Dimensions (WxHxD)	mm	845x700x342	845x700x342	910x804x378
Net/gross weight	Kg	39/44	62/72	69/79
<b>Annual energy consumption</b>				
Cooling	kwh/a	402	505	605
Medium	kwh/a	1925	2870	2625
<b>Dehumidification capacity</b>	l/h	2,00	2,60	3,60
<b>Refrigerant - Type/GWP</b>		R32/675	R32/675	R32/675
<b>Precharged quantity/T CO²eq.</b>	Kg/T	1,35/0,911	1,4/0,945	2,10/1,41
<b>Gas piping</b>				
Liquid side/Gas side	Inches	1/4"/1/2"	3/8"/5/8"	3/8"/5/8"
Max pipe length/height difference	m	30/15	30/15	30/15
<b>External static pressure (nominal)</b>	Pa	25	37	37
<b>External static pressure (range)</b>	Pa	0-80	0-120	0-100
<b>Application area</b>	m²	27~45	35~60	39~71
<b>Operating temperature range</b>				
External (Cooling/Heating)	°C	Raffr.: -15-52/Risc.: -15-24	Raffr.: -15-50/Risc.: -15-24	Raffr.: -15-50/Risc.: -15-24
Internal (Cooling/Heating)	°C	Raffr.: 17-32/Risc.: 0-30	Raffr.: 17-32/Risc.: 0-30	Raffr.: 17-32/Risc.: 0-30





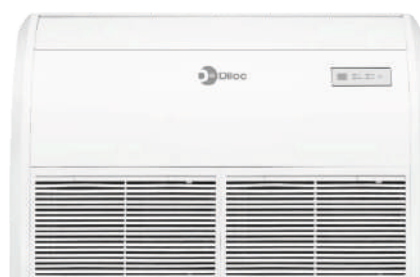
**D.EXT-COM24+**  
**D.IN-CASSETTE24**

<b>Power supply</b>		Interna: 220-240V~/50Hz/1P Esterna: 220-240V~/50Hz/1P
<b>Cooling</b>		
Nominal capacity	Btu/h	24000(7500~27000)
Nominal capacity	W	7030(2200~7500)
Power consumption UE/UI	W	2390(710~3165)/100(20~135)
Current consumption UE/UI	A	10,2(3,8~14)/0,8(0,2~1,0)
SEER		6,2
Energy efficiency class		A++
Capacity (pdesigngc)	kW	7,0
<b>Heating (medium clima)</b>		
Nominal capacity	Btu/h	26000(7900~28500)
Nominal capacity	W	7900(2320~8350)
Power consumption UE/UI	W	2330(745~2965)/100(20~135)
Current consumption UE/UI	A	8,5(4,0~13)/0,8(0,2~1,0)
SCOP		4,0
Energy efficiency class		A+
Capacity (Pdesignh) - medium climate	kW	6,0
<b>Indoor Unit</b>		
Maximum airflow (cooling/heating)	m³/h	1400/1500
Sound power level (S/H/M/L/Mute)	dB(A)	59/56/52/49/47
Dimensions (WxHxD)	mm	840x245x840
Net weight/gross	Kg	24/28
<b>Outdoor Unit</b>		
Maximum airflow	m³/h	3500
Sound power level	dB(A)	64
Dimensions (WxHxD)	mm	845x700x342
Net/gross weight	Kg	40/44
<b>Annual energy consumption</b>		
Cooling	kwh/a	402
Medium	kwh/a	2075
<b>Dehumidification capacity</b>	l/h	2,0
<b>Refrigerant - Type/GWP</b>		R32/675
<b>Precharged quantity/T CO²eq.</b>	Kg/T	1,35/0,911
<b>Gas piping</b>		
Liquid side/Gas side	Pollici	1/4" / 1/2"
Max pipe length/height difference	m	30/15
<b>Application area</b>	m²	27~45
<b>Operating temperature range</b>		
External (Cooling/Heating)	°C	Raffr.: -15-52/Risc.: -15-24
Internal (Cooling/Heating)	°C	Raffr.: 17-32/Risc.: 0-30



**D.EXT-COM24+**  
**D.IN-FLOOR24**

<b>Power supply</b>		220-240V~/50Hz/1P
<b>Cooling</b>		
Nominal capacity	Btu/h	24000(7500~25500)
Nominal capacity	W	7030(2200~7500)
Power consumption UE/UI	W	2400(710~3165)/100(20~135)
Current consumption UE/UI	A	10,5(3,8~14)/0,85(0,2~1,0)
SEER		6,2
Energy efficiency class		A++
Capacity (pdesignc)	kW	2,4
<b>Heating (medium clima)</b>		
Nominal capacity	Btu/h	26900(7900~28500)
Nominal capacity	W	7900(2320~8350)
Power consumption UE/UI	W	2550(745~2965)/100(20~135)
Current consumption UE/UI	A	11(4,0~13)/0,85(0,2~1,0)
SCOP		4,0
Energy efficiency class		A+
Capacity (Pdesignh) - medium climate	kW	5,5
<b>Indoor Unit</b>		
Maximum airflow (cooling/heating)	m³/h	1200/1350
Sound power level (S/H/M/L/Mute)	dB(A)	64/61/57/53/50
Dimensions (WxHxD)	mm	1055x675x235
Net weight/gross	Kg	26/31
<b>Outdoor Unit</b>		
Maximum airflow	m³/h	3500
Sound power level	dB(A)	64
Dimensions (WxHxD)	mm	845x700x342
Net/gross weight	Kg	40/44
<b>Annual energy consumption</b>		
Cooling	kwh/a	402
Medium	kwh/a	1925
<b>Dehumidification capacity</b>		l/h
<b>Refrigerant - Type/GWP</b>		R32/675
<b>Precharged quantity/T CO²eq.</b>		Kg/T
<b>Gas piping</b>		
Liquid side/Gas side	Pollici	1/4"/1/2"
Max pipe length/height difference	m	30/15
<b>Application area</b>		m²
<b>Operating temperature range</b>		
External (Cooling/Heating)	°C	Rafr.: -15-50/Risc.: -15-24
Internal (Cooling/Heating)	°C	Rafr.: 17-32/Risc.: 0-30





**D.48000COL-UE+**  
**D.48000COL-UI**

<b>Power supply</b>		380~415-3-50/60 (est);220~240-1-50/60 (int)
<b>Cooling</b>		
Nominal capacity	Btu/h	48000
Nominal capacity	W	14000 (3300~14500)
Power consumption	W	5000
Current consumption	A	9,0
<b>Heating</b>		
Nominal capacity	Btu/h	50000
Nominal capacity	W	14500 (3000~15000)
Power consumption	W	4100
Current consumption	A	7,6
<b>Seasonal cooling</b>		
<b>Capacity (pdesignc)</b>	kW	9,0
<b>SEER</b>		6,1
<b>Heating (hot climate)</b>		
<b>Capacity (Pdesignh)</b>	kW	9,0
<b>SCOP</b>		5,0
<b>Indoor Unit</b>		
Maximum airflow	m³/h	1750/1500/1300
Pressure power level (H/M/L)	dB(A)	52/46/44
Sound power level max	dB(A)	64
Dimensions (WxHxD)	mm	580×1870×380
Net weight/gross	Kg	50/61
<b>Dehumidification capacity</b>	L/h	5,00
Drainage pipe diameter	mm	Φ18
<b>Outdoor Unit</b>		
Sound pressure level max.	dB(A)	61
Sound power level max	dB(A)	73
Dimensions (WxHxD)	mm	975×835×360
Net/gross weight	Kg	75,5/84,5
<b>Refrigerant</b>		
Type/GWP		R32/675
<b>Precharged quantity/T CO2eq.</b>	Kg/T	2,7/1,823
<b>Gas piping</b>		
Liquid side/Gas side	Inches	(3/8"/5/8")
Max pipe length/height difference	m	50/30
Adding Gas	g/m	35





A detailed terrarium setup featuring a bonsai tree with dense green foliage on the right. The base is composed of dark, layered rocks, some of which are covered in vibrant green moss. A small waterfall flows over the rocks on the left side. The entire scene is set within a white, shallow container. The background is a soft-focus green, suggesting an outdoor garden setting.

COMPACT SERIES

# COMPACT SERIES

High performance without a encumbrance: the Compact series offers small but powerful air conditioners, ideal for cooling rooms with little space, without the need for installation.

Suitable for any environment thanks to their modern and sober design, Compact series devices are able to meet every need.









## WITHOUT OUTDOOR UNIT

### COMPACT SERIES

#### More functions, one unit

Easy Design air conditioners feature cooling, heating (Model 14HP), ventilation and dehumidification functions to ensure optimal comfort in all seasons. The units are equipped with a built-in Wi-Fi module, which enables home temperature management by connecting to the Internet.

#### Quick and easy installation

Easy Design can be installed in a very short time, simply by drilling two holes in the wall with the help of a core drill, without having to install ductwork or make tracks in the wall. Easy Design also does not require refrigeration installation: a power supply connection is all that is needed to make the unit ready for use. Diloc Easy Design air conditioners can also be installed by the user as they do not require special licenses (FGas) or certifications and therefore qualified personnel.

#### High efficiency, low consumption

Easy Design air conditioners are particularly high-performance as they are equipped with a high-efficiency compressor with DC Inverter technology (Model 14HP), which, in the face of particularly low consumption, guarantees a high level of efficiency, with cooling between 3410 BTU/h and 12000 BTU/h (14HP).

#### Eco-Friendly Climate.

Energy class A+ in heating (Model 14HP) and A in cooling with high-efficiency motor, environmentally friendly refrigerant R290, low consumption: Easy Design protects the well-being of the whole family and that of the environment. Condensation is also reduced thanks the water recirculation system on the evaporator.



\* Only D.EASYDESIGN 14HP

		D.EASYDESIGN 10SF	D.EASYDESIGN 14HP
Technical Characteristics			
Capacity heating/cooling	Btu/h	8.200	10000 (3410-12000) / 9000(2387-12000)
Capacity heating/cooling	W	2.400	2930 ( 1000-3520) / 2630 (700-3520)
Power supply		220V-240V/50Hz	220V-240V/50Hz
Nominal absorption	W	900	1350 / 945
EER		2,6	2,6/3,6
Energy efficiency class		A	A/A+
Dehumidification capacity	L/h	0,8	1
Maximum airflow	m³/h	500	520
Noise			
Sound pressure level Max	dB(A)	47	47
Sound pressure level Silence Mode	dB(A)	39	39
Compressor		GREE	GREE
Dimensions (WxHxD)	mm	1000x585x205	1000x585x205
Net weight	Kg	40,5	42,5
Gross weight	Kg	46,5	48,5
Application area	m²	15-20	20-25





## TRANSPORTABLE

### COMPACT SERIES

Diloc Transportable air conditioners have no outdoor unit and are easy to relocate.

Thanks to their small size and compact design, they fit unobtrusively into any type of environment, making them ideal for second homes, stores and offices. Quick comfort when and where you need it.



D.IGLU9000F



D.IGLU12000F  
D.IGLU12000FC



D.IGLU9000F

D.IGLU12000F

D.IGLU12000FC

Power supply		220-240V / 1P / 50Hz		
Cooling				
Capacity	Btu/kW	9000 / 2.64	12000 / 3,5	12000 / 3,5
Power consumption	W	785	1010	1010
Current consumption	A	3,5	4,4	4,4
EER / Energy efficiency class		2,61/A	2,61/A	2,61/A
Heating				
Nominal capacity	Btu/kW	/	/	10000/2,8
Power consumption	W	/	/	850
Current consumption	A	/	/	3.7
COOP/ Energy efficiency class		/	/	2,4/A
Maximum airflow	m³/h	300m³/h	350m³/h	350m³/h
Dehumidification capacity	L/g	17	24	24
Sound power level	dB(A)	≤65dB(A)	≤65dB(A)	≤65dB(A)
Dimensions (WxHxD)	mm	328x678x305	365x713x355	365x713x355
Net/gross weight	Kg	21/23	22/24	22/24
Refrigerant/Precharged quantity		R290/140g	R290/195g	R290/195g
Accessories		air exhaust pipe, window adapter, remote control		

# AIR PURIFIERS

## COMPACT SERIES

Discover yourself free to breathe with Diloc Purifiers, the efficient solution to make the air in your home healthy and clean and protect the whole family from germs, bacteria and indoor pollution. The air is purified and re-emitted into the environment free of odors and harmful agents, thanks to the combined action of the cold catalytic filter and silver ion filter. In addition, with the fan's four operating speeds, you can set the intensity level of air purification and emission according to your needs.



D.Pure-Air25

Power supply	220V/240V/ 50Hz	
Suitable for environments	14/24 m²	sì
Negative Ion Generator		sì
Programming timer		sì
Low speed and display		sì
Night operation		sì
Filter replacement indication		sì
4 speed operating	L/M/H/Turbo	sì
3 layer filter		sì
Air flow	m³/h	200
Room size	m²	14/24
Noise	dB(A)	28 (low)
Dimensions (WxHxD)	mm	325x500x175



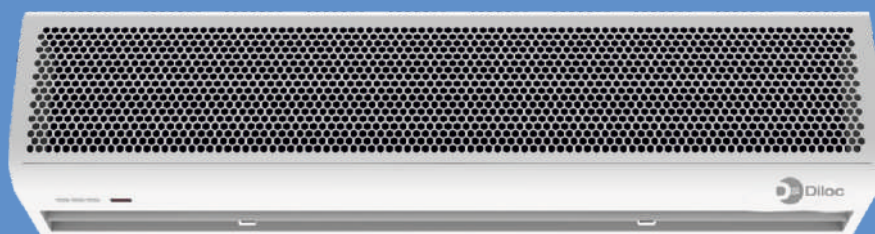


## VENTILATION

### COMPACT SERIES

Eliminate energy waste and maintain an optimal indoor temperature at all times with Diloc Green Line air curtains. With their high-performance ventilation system, air curtains reduce heat loss in entrances and sliding doors, ensuring greater comfort and improving energy efficiency.

Ideal for commercial spaces with open doors, Green Line air curtains ensure low consumption and a considerable reduction in air conditioning costs. The air wall also helps to preserve better air quality and protect the indoor environment from pollen, pollutants, fumes, insects, and all kinds of impurities. Forget overhangs and heat loss: Diloc Green Line is the sustainable choice for draft-free comfort.



		<b>D.45000BAR-N</b>	<b>D.47000BAR-N</b>	<b>D.49000BAR-N</b>	<b>D.51000BAR-N</b>
Power supply		220V monofase	220V monofase	220V monofase	220V monofase
Fan Type		tangenziale	tangenziale	tangenziale	tangenziale
Absorption	W	160	200	230	350
Air flow	m³/h	1400	1900	2500	3600
Air speed	m/s	11	11	11	11
Noise (Sound Power)	dB(A)	57	58	59	60
Net Weight	Kg	8,50	10,00	11,50	14
Installation height	m	2,5-3	2,5-3	2,5-3	2,5-3
Dimensions (WxHxD)	mm	900x185x187	1200x185x187	1500x185x187	2000x185x187



		<b>D.45000BAR-N-HOT</b>	<b>D.47000BAR-N-HOT</b>	<b>D.49000BAR-N-HOT</b>
Power Supply		220V 50Hz	380V/50Hz	380V/50Hz
Fan Type		tangenziale	tangenziale	tangenziale
Motor absorption	W	160	200	230
Resistance absorption (high/medium/low)	kW	6/4/2	8/5/3	10/7/3
Air speed (high/low)	m/s	8,5/7,5	8,5/7,5	8,5/7,5
Air flow	m³/h	1000	1500	2900
Noise (Sound Power) (high/low)	dB(A)	57/55	58/56	59/57
Net weight	Kg	14,5	17	20,5
Installation height	m	3m	3m	3m
Dimensions (WxHxD)	mm	900x265x195	1200x265x195	1500x265x195

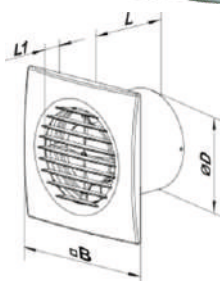
## ASPIRATION

### COMPACT SERIES

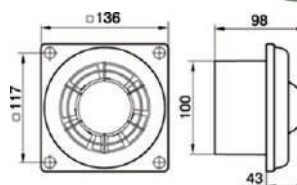
For air exchange in bathrooms, kitchens and enclosed rooms, Diloc has the perfect versatile solution for all small rooms.

The new ranges of exhaust fans, with an even slimmer revised design, ensure optimal ventilation in domestic rooms, even in the most humid rooms. Discover the discreet, refined design of Pingui and the super-compact profile of Aerem100 and choose the Diloc vacuum cleaner that's right for you.

PINGUI



AEREM



D.PINGUI' 100

D.PINGUI' 120

D.PINGUI' 150

D.AEREM100

Voltage	V	220-240			
Frequency	Hz	50/60			
Electrical insulation		Class II			
Max. absorbed power	W	14	16	25	14
Max. absorbed current	A	0.09	0.09		
Maximum air flow	m³/h	95	174	280	95
Maximum air flow	l/s	26	48	78	26
Sound pressure level at 3 m	dB(A)	34	35	34	33
Specific power	W/l/s	0,53	0,33	0,32	
Duct size	mm	100	120	150	100
Max. static pressure	Pa	34,74	55,43	86,41	
Fan type	-	axial	axial	axial	axial
Weight	kg	0,58	0,74	0,92	0,38
Protection	-	IP34	IP34	IP34	IP 24
Type of use	-	direct discharge			
Assembly	-	wall mounting, ceiling mounting			
Dimensions L1/L/B/D	mm	15/97/150/100	15/94/175/120	15/117/205/150	43/55/136/100





## CONVENTIONAL WARRANTY

Dear Customer,

Thank you for purchasing a Diloc brand product and we are confident that you will be satisfied with it. We recommend that you carefully read and keep the owner's manual that comes with each product.

### Technical assistance service

In case of product failure, make a request for intervention only and exclusively to Naicon srl by filling out the appropriate form directly from our website [www.naicon.com](http://www.naicon.com) within the page regarding the products of Brand Diloc in the Service section. The references for sending the intervention request can be found within the form itself.

We kindly ask you to fill out the form in every field in order to guarantee a safe and quick intervention. In case of compilation errors, the company Naicon srl will not be responsible for unbudgeted Technical Service costs such as unnecessary outputs due to models, serial numbers, errors or anything else transcribed incorrectly on the same form.

The intervention will be carried out only in places of easy and safe access, otherwise the related costs will be charged.

### Conventional warranty

This warranty is recognized on the territory of Italy, Republic of San Marino, Vatican City.

Naicon srl hereby warrants the product against defects in materials or workmanship for a period of 24 months and covers spare parts and labor. The compressor is guaranteed for 60 months. In addition, the Right of Call is recognized free of charge for the first 12 months.

If defects in materials or workmanship are found during the warranty period, Naicon srl's Authorized Service Centers or Authorized Dealers will repair or (at Naicon srl's discretion) replace the product or its defective components, under the terms and under the conditions set forth below, without charge of labor or parts costs. Naicon srl reserves the right (at its sole discretion) to replace defective product components or cheap products with assembled parts or new or reconditioned products.

Naicon srl does not extend this conventional warranty to NON-authorized resellers and sites not bearing our DILOC WEBDEALER CERTIFIED logo and to those products installed by unqualified personnel ( e.g., without an FGAS license).

### Conditions

1. This warranty will be valid only if the defective product is presented together with the sales invoice, sales receipt or a certificate from the retailer (showing the date of purchase, type of product and the name of the retailer). Naicon srl reserves the right to refuse warranty work in the absence of the above documents or if the information contained therein is incomplete or illegible.
2. This warranty does not cover costs and/or any damages and/or defects resulting from modifications or adaptations made to the product, without prior written authorization issued by Naicon, in order to conform it to national or local technical or safety standards in force in countries other than those for which the product was originally designed and manufactured.
3. This warranty shall be forfeited if the model or serial number shown on the product has been changed, erased, removed or otherwise made illegible.
4. Excluded from the warranty are:
  - a. Periodic maintenance work and repair or replacement of parts subject to normal wear and tear
  - b. Any adaptations or modifications made to the product, without prior written authorization from Naicon to enhance performance over that described in the operation and maintenance manual;
  - c. All costs of the technical personnel's exit and any transportation from the Customer's home to Naicon srl or to the Service Center's laboratory and vice versa, as well as all related risks;
  - d. Damage resulting from:
    - Misuse, including but not limited to: (a) use of the product for purposes other than those intended or failure to follow Diloc's instructions on the proper use and maintenance of the product, (b) installation or use of the product not in accordance with the technical or safety standards in force in the country in which it is used;
    - Repair work by unauthorized personnel or by the Customer themselves;
    - Accidental events, lightning, flooding, fire, improper ventilation or other causes not attributable to Diloc;
    - Defects in the systems or equipment to which the product had been connected.
5. This warranty does not affect the purchaser's rights established by applicable national laws in force, nor the customer's rights against the dealer arising from the purchase and sale contract

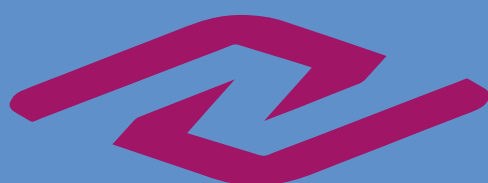


## NOTE

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# Naicon

UNIT



**Diloc**



**Elsist**

Diloc Authorized Dealer



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