

2025



FINTEK

REDESIGN YOUR FEELINGS

AIR CONDITIONERS WITHOUT EXTERNAL UNITS



DESIGN MADE IN ITALY



**The true revolution
in air conditioning**

MONOBLOC AIR CONDITIONERS
WITHOUT EXTERNAL UNIT

AIR-TO-AIR AND WATER-TO-AIR
NO CONDENSATE DRAIN

SINCE 1995, WE'VE BEEN TEACHING YOU TO BREATHE.

Since 1995, Fintek has been transforming every environment into an oasis of comfort and well-being with its innovative solutions in air conditioning without external units. We specialize in creating advanced air conditioners that ensure clean air and an ideal climate, improving quality of life day by day.



Air Conditioners Without External Units: Elegance and Top Performance

Perfectly integrable into interiors, our air conditioners combine efficiency, refined design, and ease of installation. Ideal for those living in historic centers or wishing to eliminate the external unit, our solutions offer excellent performance without compromising the aesthetics of the surroundings.

Technology and Customized Design

Designed to meet all needs, Fintek air conditioners stand out for their discreet and functional design. Like an appliance, they harmoniously integrate into domestic environments while ensuring top-level performance.

MONOBLOC HEAT PUMPS

A/A Class



All air conditioners in this catalog are rated Class A or higher for heating and cooling and are certified by TÜV Rheinland.

Fintek: Leader in Air Conditioning Without External Units

Certified Reliability

With over 25 years of experience, we guarantee certified products that meet the highest quality standards. Our cutting-edge technologies ensure lasting performance, safety, and consistent comfort over time.

Fintek: teaching you to breathe better, every day.

Choose the innovation and quality only a market leader can offer. Explore our solutions to live your space in harmony with the environment and yourself.



FINTEK
REDESIGN YOUR FEELINGS

WHY INSTALL DISAPPEARING AIR CONDITIONERS

04 INVISIBILITY

04 WIFI CONTROL

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MONOBLOC AIR CONDITIONERS WITHOUT EXTERNAL UNITS



OSLO DCI
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SYDNEY
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MONOBLOC AIR
CONDITIONERS
**CONDENSED WATER
SYSTEMS**
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NEW



**CANALIZED
MONOBLOC**
WITHOUT
EXTERNAL UNIT
WATER-CONDENSED
2,7 - 3,6 - 5,5 KW
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MONOBLOCS

THE REAL REVOLUTION IS SIMPLICITY

Made of a single internal unit, these eliminate problems related to split systems with external motors: application costs, building disfigurement, and the need for condominium or municipal permits. Easy to install and simple to use, they deliver high performance and are suitable for various needs and contexts: offices, professional and medical practices, vacation homes, properties in historic centers, RVs, data centers, and living containers. They can quickly transform any space into an oasis of well-being and relaxation.

INVISIBLE GRILLES FINTEK PATENT

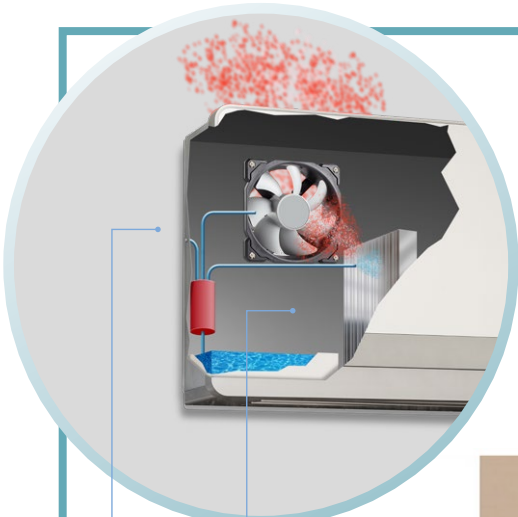
Highly sought-after to eliminate even the slightest visual impact on buildings. Made of paintable ABS, they are optional for all models (except Oslo DCI and Kyoto). **Silent Hybrid models include these as standard.**

FINTEK PATENTED SYSTEM – SAN MARINO

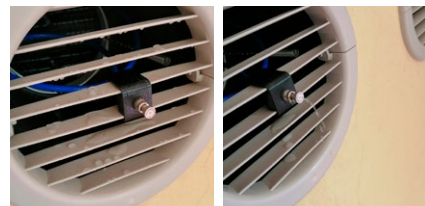
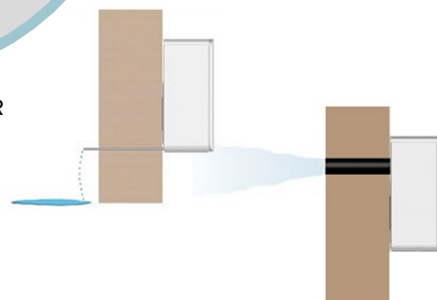
NO CONDENSATE DRAIN

With Fintek's patented systems, there's no need to drill holes or add condensate drains. The kit is fully concealed within the machine. In summer and winter, an intelligent sensor determines the best condensate disposal solution, **leaving you to enjoy the benefits.**

If you want to learn more about how the system works, visit the website www.finteksrl.com.



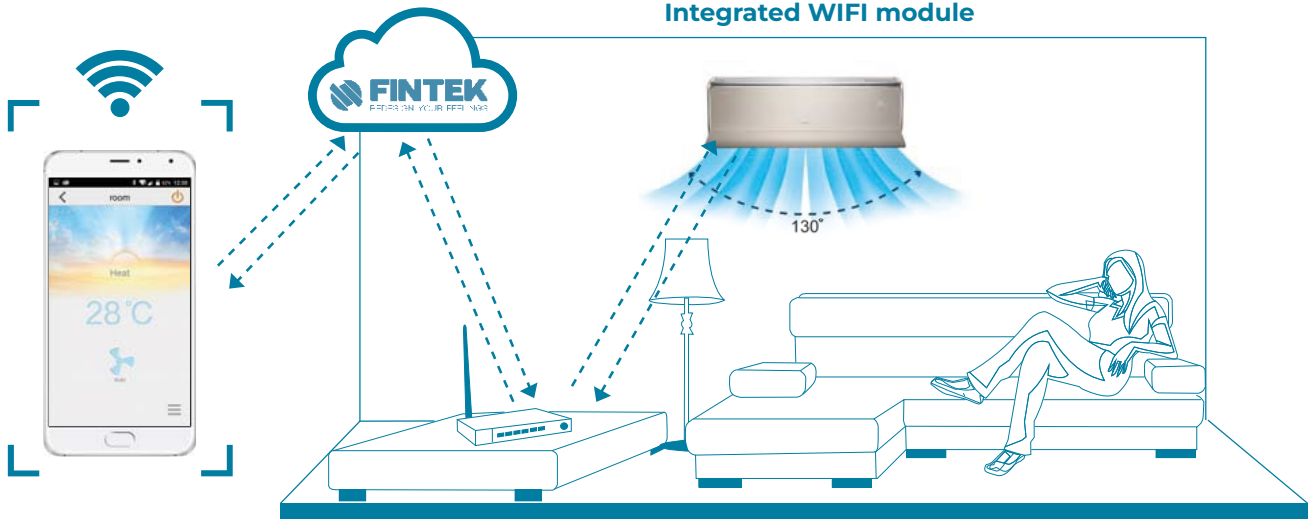
EXCHANGER
EXPULSION CHANNEL



Fintek Patent

WIFI CONTROL

All units can be equipped with optional WIFI receiver applications. With a convenient app for iOS or Android, you can communicate with and manage your unit remotely.

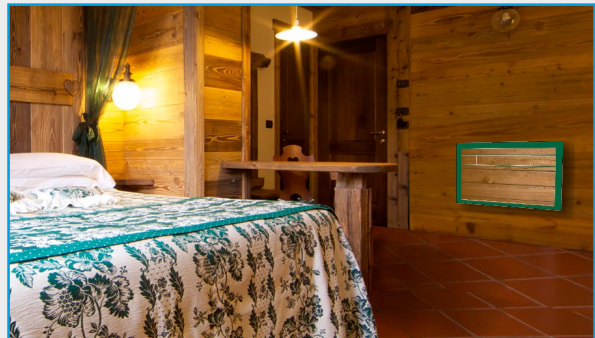


CUSTOMIZATION OPTIONS

We offer customization using our designs or your images, turning the air conditioner into a unique furnishing element.



FINTEK PATENT



R290 = GWP 3
R32 = GWP 675

Environmentally
 Friendly
 Emits 200 times
 less pollution than
 a split system of
 equivalent power.

Oslo Series
 High-efficiency
 monobloc heat
 pump.
 Easy installation
 with no impact on
 building facades.



ACCESSORIES / OPTIONAL

On page 4 the
 characteristics
 of our patented
 "No condensate
 drain" system

PLASTIC FREE
FULL INVERTER

OSLO DCI

2.0 R - 3.0 R - 3.5 R - 4.2 R

Oslo combines **advanced technology, quality, and reliability** in a single solution. Its easy installation, with no impact on building facades, makes it the ideal choice for advanced climate comfort.

Equipped with R290 refrigerant gas, the Oslo 2.0, 3.0, 3.5, and 4.2 models offer intuitive and quick installation—all from the inside in just a few minutes. Floor support legs ensure stable installation, but with the right accessories, they can be mounted high or low on a wall, providing maximum flexibility.

A wide flap ensures even air distribution, while the multi-filtration system with an optional electrostatic filter (anti-dust function) and active carbon filter delivers clean, odor-free air.

**"ADVANCED
 TECHNOLOGY, QUALITY,
 AND RELIABILITY."**



TROPICALISED

**FOR EXTREME TEMPERATURES,
 FROM THE HEAT OF THE
 DESERT TO THE POLAR COLD.**

Only 20cm thick, elegant design.

The unit features a backlit display with touch controls and a multifunction remote with an LCD screen. Wireless control is also included, with an app for iOS and Android, ensuring full and flexible control from anywhere.

Oslo stands out for its latest generation soundproof and anti-vibration materials, ensuring one of the lowest noise levels in its category.

Super Slim Design – Plastic-Free

Oslo is not just advanced technology but also a design masterpiece. With a 100% metal body, robust and customizable in colors and design, Oslo blends seamlessly into any environment. Component dimensions have been optimized to maintain an ultra-slim profile of just 20 cm, minimizing aesthetic impact both indoors and outdoors.



The unit features a backlit display with touch controls directly on the machine, along with a multifunction remote control with an LCD display and wireless control already included via an app for iOS and Android.

With the appropriate accessories, it can be mounted either high or low on the wall.



Optimized power, reduced consumption, and noise.

Thanks to DCI technology, Oslo optimizes power to ensure maximum comfort with reduced energy consumption and noise. The inverter control allows maximum power usage to quickly reach the desired temperature, automatically adjusting for achieved comfort. Foldable external grilles minimize dust, noise, and pollution while maximizing comfort.

Available in power ratings of 2.0 kW (approx. 7,000 BTU/h), 3.0 kW (approx. 10,000 BTU/h), 3.5 kW (approx. 12,000 BTU/h), and 4.2 kW (up to 14,000 BTU/h) for air-conditioning small rooms or larger spaces.

HEAT PUMP AIR CONDITIONER

KYOTO CLASS A**POTENZA ELETTRICA AGGIUNTIVA**

The Kyoto heat pump air conditioner is designed to be wall-mounted, just like traditional split systems. Thanks to its unique design and slim profile, it integrates seamlessly into any environment where high design value is required.

Its distinctive feature, with Booster PTC heaters, ensures a continuous thermal output of 1.6 kW at -20°C external temperature.

DOUBLE LOUVERS

The double louvers for air control allow for perfect distribution of the room temperature in both cooling and heating modes.

Suitable for areas up to 20 m² in heating mode and 30 m² in cooling mode

Statistical data proven on properties in class D.

FOR PRIMARY HEATING IN THE ABSENCE OF OTHER HEATING SOURCES.



KYOTO MODEL, THE THINNEST AND MOST COMPACT, WITH THERMAL OUTPUT OF 1.6 KW EVEN AT -20°C EXTERNAL TEMPERATURE.

ACCESSORIES

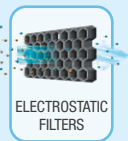
NO CONDENSATE DRAIN



WIFI CONTROL



CUSTOMIZABLE DESIGN



ELECTROSTATIC FILTERS



HIGH EFFICIENCY MONOBLOC HEAT PUMP

SANTIAGO CLASS A+ EFFICIENCY AND LOW EMISSIONS



FOR PRIMARY HEATING IN THE ABSENCE OF OTHER HEATING SOURCES.



Ideal for cooling and heating any environment. Easy to install and provided with all necessary connectors. Recommended for additional heating down to -5°C.

Santiago ensures energy savings and low emissions. These monobloc air conditioners are more economical than conventional split units (up to 1,500 kWh savings per season) and easier to install. Suitable for homes, hotels, historical buildings, vacation homes, RVs, houseboats, and more.

Operational limits range from equatorial heat to polar cold, always delivering maximum efficiency.

TROPICALISED
FOR EXTREME TEMPERATURES, FROM THE HEAT OF THE DESERT TO THE POLAR COLD.

Suitable for areas up to 30 m² for primary heating only and 45 m² for cooling only
Statistical data proven on properties in class D



ACCESSORIES

- NO CONDENSATE DRAIN
- WIFI CONTROL
- INVISIBLE GRILLES
- CUSTOMIZABLE DESIGN
- ELECTROSTATIC FILTERS

CUSTOMIZABLE

ELEGANT - SLIM - SILENT

PANAMA CLASS A+ SILENT HYBRID

Panama Silent Hybrid is a slim air conditioner without an external unit, designed for floor installation.

Thanks to its dual internal exchanger, it can replace a water radiator. Its standout features compared to similar products are:

- Slim thickness, only 16 cm
- Silent mode: 35 dB(A) in heating mode
- VRC compressor technology
- Low energy consumption
- Modern design

ACCESSORIES



Replaces Radiators

- Tempered glass front panel
- Stainless steel pleated filters with unlimited durability
- Aluminum tangential fan for greater efficiency
- On-unit controls and remote control operation
- Easy installation
- 1,500-watt ceramic heater for effective operation at low external temperatures
- Dual internal exchanger for replacing water radiators



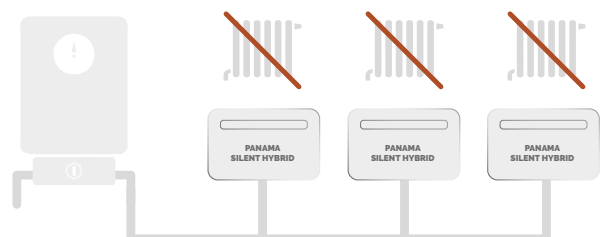
ONLY 16 CM WIDE

HEAT PUMP OR RADIATOR

Panama can be used either as a heat pump or with traditional radiator systems, operating both functions separately or simultaneously. As it requires no refrigeration connections, it can be installed by anyone, even without a refrigeration technician license.

REPLACES TRADITIONAL RADIATORS

Panama is ideal for replacing traditional radiators, offering the benefit of using the same space for both heating and cooling. A fan coil connected to the boiler and a heat pump without an external unit, complete with an invisible installation kit.





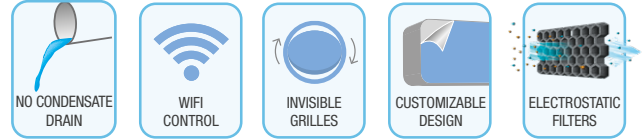
POWER WITHOUT COMPROMISES

OSLO 4.2 CLASS A+

The Oslo model is suitable for all residential needs. Its EC motors reduce electricity consumption while enhancing EER and COP. On-unit controls, a supplementary low-temperature system, and an internal air renewal system are just some of its key features. Extremely compact with a thickness of only 24 cm, it offers an attractive design and numerous options. A 500W PTC booster increases performance at temperatures below 0°C. **Available with R32 or R410A refrigerant gas.**

ONLY UPON REQUEST
MINIMUM 70 PCS

ACCESSORIES



OSLO 4.2: The Most High-Performance Unit Without an External Unit

4,1 KW Cooling

4,8 KW Heating

TROPICALISED

THE INVISIBLE AIR CONDITIONER SYDNEY CLASS A/A



ACCESSORIES OPTIONAL



ONLY UPON REQUEST
MINIMUM 70 PCS

Extremely compact, with a thickness of just 19 cm, Sydney is a groundbreaking innovation in the monobloc landscape. It reduces electricity consumption and enhances COP and EER performance. **Available with R32 or R410A refrigerant gas.**

WALL INSTALLATION

Designed for high-wall installation, it resembles a traditional split unit aesthetically but has the advantage of being self-contained. Its lower flaps are adjustable with the auto-louver function, distributing air optimally in the surrounding space. For managing large complexes with centralized systems, room simultaneity factors arise only briefly during the year. **Sydney offers significant cost savings and operational simplification.**

OPERATING ECONOMY

Sydney is the ideal, economical, and minimalist solution for bedrooms, studios, offices, and unconventional spaces like campsites with bungalows or mobile homes, where maintenance is the owner's responsibility. Maintenance is reduced to cleaning the filters, with periodic replacements ensuring air quality.

AEMINA ANTIBACTERIAL FILTERS

Combines an electrostatic antibacterial, anti-allergy, and anti-legionella filter with an odor-capturing filter in titanium apatite with AEMINA® technology.

INNOVATIVE DESIGN

With its modern line, Sydney adapts to any environment, and the front panel can be customized with various colors to match the décor.

SUITABLE FOR ALL CLIMATES

Sydney provides desired comfort year-round. Monobloc heat pumps are the best solution for bedrooms, studios, offices, campsites, and bungalows located in coastal or mountainous areas.

MONOBLOC AIR CONDITIONERS WATER-CONDENSED

IDEAL FOR SPACES FROM 12 TO 50 SQM, SUITABLE FOR RESIDENTIAL, HOSPITALITY, SERVER ROOMS, ETC. AVAILABLE WITH A LOOP CIRCUIT OPTION.

OSLO



WI-FI
INCLUDED

NO WALL
DRILLING
REQUIRED

FULL INVERTER DCI



LOW WATER
CONSUMPTION



NO
CONDENSATE
DRAIN



EASY
INSTALLATION
(LIKE A WASHING
MACHINE)



Oslo Monobloc Air Conditioners

Water-condensed and without external units, these are ideal for spaces where an external unit cannot be installed and wall drilling is not permitted. Perfect for historic centers, shops, and homes. Thermal power above 3.5 kW consumes only 0.05 m³ of water per hour. Practical, simple, and intuitive, they can be operated directly on the unit or via remote control, setting operational mode, airspeed, desired temperature, and timer.

FEATURES

Heat pump

Programmable remote control

Preserves building aesthetics

**Ideal for historic centers, offices,
and shops**

Active filtration

**Auxiliary resistance selectable in
heat pump mode**

No façade drilling required

Low H2O consumption

**CLASS A+++
Cooling**

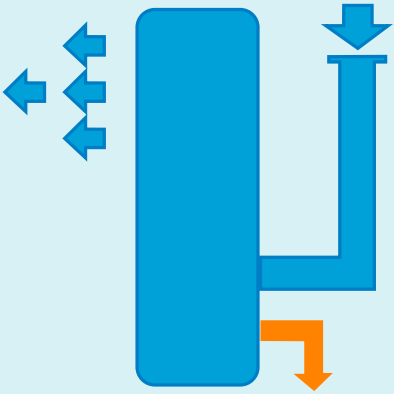
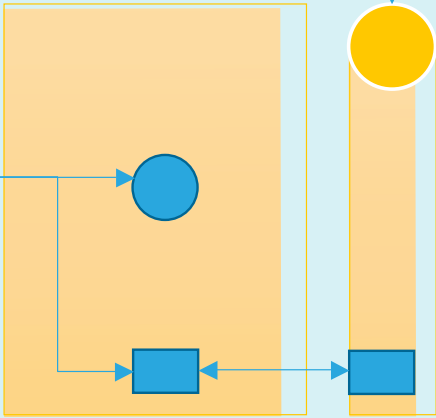




front view

side view

Holes to prepare the water outlet.



Water inlet hose not supplied



Water outlet hose not supplied





CANALIZED MONOBLOC WITHOUT EXTERNAL UNIT WATER-CONDENSED

AVAILABLE POWER: 2.7, 3.6, 5.5 KW

CONDENSATE PUMP

Canalized units feature a condensate pump for easier liquid evacuation, simplifying installation.

SELF-DIAGNOSIS

In case of failure, a fault code system provides users with clear and simple defect indications to quickly activate assistance.

WIFI

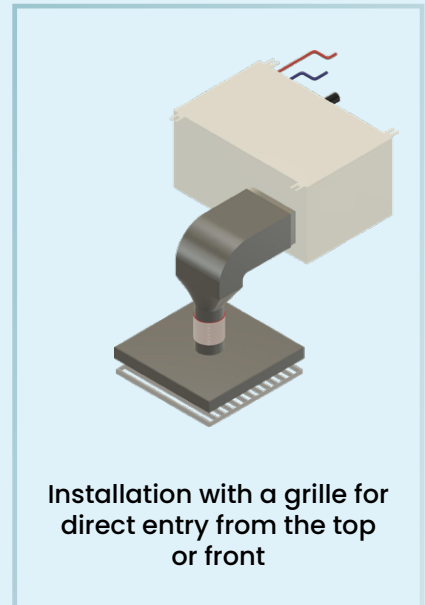
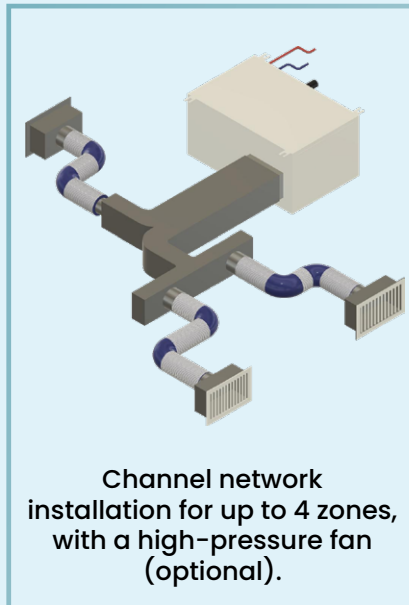
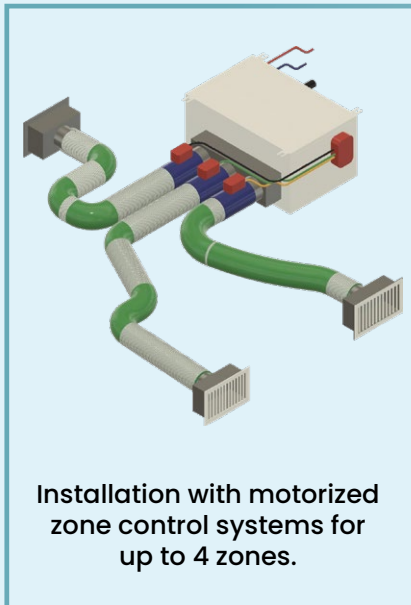
ALARM CONTACT

Monobloc units include a logical output for reporting product failures to remote malfunction monitoring systems.

ON-OFF INPUT

Internal units feature a logical input allowing activation or deactivation from an external device.

ZONE INSTALLATION KITS AVAILABLE

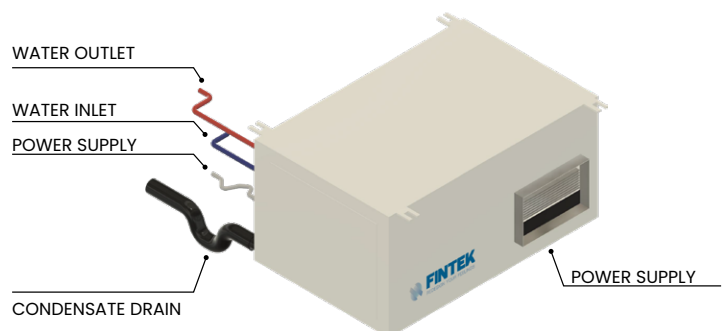


With our range of monobloc units, Fintek Srl aims to expand its offerings to various sectors, including construction, renovation, and maintenance, providing a solution that is entirely concealed from view and easy to install.

This system delivers excellent performance for summer cooling and high efficiency as a heat pump, achieving an energy class of A++/A+. It also offers outstanding capabilities in terms of pressure, allowing designers to create longer and more versatile ductwork.

ADVANTAGES

- No external unit and no holes in the exterior wall
- Easy installation with no refrigeration connections, eliminating the need for complex refrigerant gas setups
- Option for direct air output or ducting to multiple rooms
- Excellent performance in summer cooling and high efficiency in heat pump mode
- Low noise levels
- Wi-Fi connectivity
- Also available with a backup resistance kit



MODEL			FH2009 MBC	FH2012 MBC	FH20018 I MBC
Cooling	Capacity	kW (Min-Nom-Max)	1,49-2,51-2,75	1,49-3,51-4,75	2,55-5,28-5,69
	Electrical Power Absorbed	W (Min-Nom-Max)	350-650-1220	350-950-1620	710-1633-1900
	Current	A (Name)	2,9	4,1	7,1
	Theoretical Load (PdesignC)	kW	2,5	3,5	5,3
	SEER		6.5	6.5	6.1
	Energy efficiency class		A++	A++	A++
	Annual Energy Consumption	kWh/A	130	188	304
Heating	Capacity	kW (Min-Nom-Max)	0,97-2,50-3,63	0,97-4,10-5,63	2,20-5,86-6,15
	Electrical Power Absorbed	W (Min-Nom-Max)	350-630-2050	350-1100-2050	740-1580-1760
	Current	A (Name)	2,8	4,8	6,9
	Theoretical Load (PdesignH)	kW (Average Season)	2,7	3,2	4,3
	SCOP	(Medium Season)	4.0	4.0	4.0
	Energy efficiency class	(Average Season)	A+	A+	A+
	Annual Energy Consumption	kWh/A (Average Season)	880	1120	1505
	H2O operating limit temperature	°C	12	12	12
Efficiency energy	E.E.R./C.O.P.	W/W	3,70/3,73	3,70/3,73	3,23/3,73
	Dimensions (W-D-H)	mm	930-470-350	930-470-350	930-470-350
	Net weight	Kg	43	45	51
	Dimensions	Packaging (WxHxD)	1000x520x400	1000x520x400	1000x520x400
	Gross weight	Kg	47	49	56
	Air flow (Min-Med-Max)	m ³ /h	250-430-500	300-480-600	350-650-880
	Nominal Fan Pressure	Pa	25	25	25
	Fan pressure Adjustment range	Pa (Min-Max)	0-60	0-60	0-100
	Sound Pressure (Min-Med-Max)	dB(A)	28-35-40	28-35-40	33-38-42
	Sound Power (Max)	dB(A)	60	60	59
	Compressor type		DC ROTARY	DC ROTARY	DC ROTARY
	Sound pressure (Max)	dB(A)	49	49	51
	Water inlet pipe	inches	1/2 F o 3/4F	1/2 F o 3/4F	1/2 F o 3/4 F
	Water outlet pipe	inches	1/2 F	1/2 F	1/2 F
	Condensate drain pipe	inches	1/2 M	1/2 M	1/2 M
	No condensate drain kit		Opzionale	Opzionale	Opzionale
Fluid Refrigerator	Type of Refrigerant		R32	R32	R32
	GWP		675	675	675
	Preloaded Quantity	Kg	0,45	0,5	0,65
	Equivalent CO2 emissions	Ton.	0,588	0,588	0,776
	Power wiring	number of conductors	3P + Terra	3P + Terra	3P + Terra
	Maximum Current	TO	8,3	8,3	9,6
	Electrical Connections				
Maximum Electrical Power Absorption	W	1500	1900	2200	
Operational Limits	Internal temperatures	Cooling (Min-Max) °C B.U.	+17 - +32	+17 - +32	+17 - +32
		Heating (Min-Max) °C D.B.	16 - +30	16 - +30	16 - +30
Optional	m-bus		opt	opt	opt
	No condensate drain kit		opt	opt	opt
	Certified aemina antibacterial filter		opt	opt	opt
	Remote LCD panel		opt	opt	opt

The data declared relate to the conditions envisaged in PR EN 14825 and PR EN 14511 (2014). The seasonal energy consumption indicated refers to harmonized test cycles. The actual electrical consumption of the product, in conditions of actual use, may differ from any changes and modifications without prior notice.



	OSLO 2.0 DCI R	OSLO 3.0 DCI R	OSLO 3.5 DCI R	OSLO 4.2 DCI R
Cooling power (kW) min nom max	0,9 -2,0-2,5	1,75 -2,6 - 2,93	1,9 -3,2 -3,5	0,8-3,9-4,2
Heating power (kW) min nom max	1,0-2,2-2,2	1,75 - 2,5 - 2,87	1,5 - 3,0 -3,2	0,8-3,6-4,1
Extra heating (kW) opt	-	1	1	1
Power (V/Hz)	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Electrical power absorbed in cold (kW)	0,76	0,8	1,03	1,35
Electrical power absorbed in heating (kW)	0,72	0,745	0,98	1 +(0,7°)
Electricity consumption in stand-by (W)	<1	<1	<1	<1
Dehumidification (l/h)	0,9	1	1,3	1,4
Fan speed	3 + auto DC	3 + auto DC	3 + auto DC	3 + auto DC
Treated air volume (m ³ /h)	450	500	600	660
Sound power level (dB)	< 58	<58	< 58	< 58
Max internal sound pressure level (dB)	28/35/48	28/35/48	28/35/48	28/35/48
Max external sound pressure level (dB)	<45	<44	<45	<47
Refrigerant gas	R290	R290	R290	R290
Unit dimensions WxHxD (mm)	1000 x 575 x 200	1000 x 575 x 200	1000 x 575 x 200	1000 x 575 x 200
Packaging dimensions WxHxD (mm)	1120 x 657 x 355	1120 x 657 x 355	1120 x 657 x 355	1120 x 657 x 355
Weight (kg)	45	44	45	47
Energy class in cold	A+	A+	A+	A+
Energy class in heat	A	A+	A	A
Annual energy consumption (kWA)	320	340	440	470
Cold energy efficiency EERd	2,6	3,25	3,1	3,1
Energy efficiency in Hot COPd	3,1	3,35	3,1	3,1
Wall hole diameter (mm)	180	180	180	200
Limit operating conditions	+52° / -15°	+52° / -15°	+52° / -15°	+52° / -15°
WI-FI remote control	incluso	incluso	incluso	incluso
Accessories for installation	inclusi	inclusi	inclusi	inclusi
Remote control with display	sì	sì	sì	sì
Certifications	CE - TUV - ROHS	CE - TUV - ROHS	CE - TUV - ROHS	CE - TUV - ROHS
No condensate drain system	opt	opt	opt	opt
AEmina antibacterial air filtration	opz	opz	opz	opz

**KYOTO****SANTIAGO**

Cooling power (kW)	2570	3,48
Heating power (kW)	2,730	5,18**
Extra exchange heating (kW)	1,600	1x2
Power (V/Hz)	230 / 50	230 / 50 /1
Electrical power absorbed in cold (kW)	0,87	0,94
Electrical power absorbed in heating (kW)	0,87	0,79+2*
Electricity consumption in stand-by (W)	<1	<1
Dehumidification (l/h)	1	1,4
Fan speed	3 + auto	3 + auto DC
Treated air volume (m ³ /h)	350	500
Sound power level (dB)	30 - 35 - 39 - 42	<58
Max internal sound pressure level (dB)	47	30-37-50
Max external sound pressure level (dB)	<55	<55
Refrigerant gas	R410-A / R32	R32
Unit dimensions WxHxD (mm)	1010 x 430 x 195	1120x575x245
Packaging dimensions WxHxD (mm)	1092 x 507 x 332	1120 x 657 x 355
Weight (kg)	46	48
Energy class in cold	A	A+
Energy class in heat	A	A+
Annual energy consumption (kWA)	307	340
Cold energy efficiency EERd	2,67	3,8
Energy efficiency in Hot COPd	3,10	3,7
Wall hole diameter (mm)	200	160
Limit operating conditions	+43° / -8° (-25°*)	+52° / -15°
WI-FI remote control	opt	opt
Accessories for installation	compresi	inclusi
Remote control with display	sì	sì
Certifications	CE - TUV - ROhS	CE - TUV - ROhS
No condensate drain system	opt	opt
AEmina antibacterial air filtration	Sì	Sì

All specifications are indicative and subject to change without notice from the manufacturer.


**PANAMA
SILENT HYBRID**

Prestazioni in raffreddamento (A 35 °C; A 27 °C)		
Cooling capacity Max / Resa totale in raffreddamento Max	kW	2,10
Cooling capacity Nominal / Resa in raffreddamento Nominale	kW	2,10
Cooling capacity Min/ Resa in raffreddamento Min	kW	1,10
Dehumidification / Deumidificazione	L/h	0,50
Input Power / Potenza assorbita totale	kW	0,81
EER		2,61
Energy Class / Classe di efficienza energetica A		
Prestazioni in riscaldamento (A 7 °C; A 20 °C)		
Heating capacity Max / Resa totale in riscaldamento Max	kW	3,60
Heating capacity Nominal / Resa in riscaldamento Nominale	kW	2,10
Heating capacity Min/ Resa in riscaldamento Min	kW	1,00
Additional Ceramic PTC heater / resistenza ceramica	kW	1,50
Input Power / Potenza assorbita totale	kW	0,68
COP		3,11
Energy Class / Classe di efficienza energetica A		
Heating capacity water exchanger / Resa in riscaldamento batteria ad acqua 50-45°C	kW	1,16
Water flow / Portata acqua 50-45°C	L/h	194
Drop fow / Perdita di carico acqua 50-45°C	kPa	5,91
Heating capacity water exchanger / Resa in riscaldamento batteria ad acqua 65-45°C	kW	0,85
Water flow / Portata acqua 65-45°C	L/h	25
Drop fow / Perdita di carico acqua 65-45°C	kPa	0,14
Heating capacity water exchanger / Resa in riscaldamento batteria ad acqua 70-50°C	kW	1,48
Water flow / Portata acqua 70-50°C	L/h	64
Drop fow / Perdita di carico acqua 70-50°C	kPa	0,77
Input Power Hydronic heating / Potenza assorbita totale funzione idronica watt 20,1		
Hydraulic data / Dati idraulici		
Water content / contenuto d'acqua	liter / litri	0,22
Hydraulic connection / attacchi idraulici		1/2 Gas M
Hydraulic data / Dati idraulici		
Water content / contenuto d'acqua	liter / litri	0,22
Hydraulic connection / attacchi idraulici		1/2 Gas M
Aeraulic data / Dati aeraulici		
(*) Supermax air flow / Portata aria supermax		m3/h
Max air flow / Portata aria max	m3/h	340
Med air flow / Portata aria med	m3/h	280
Min air flow / Portata aria min	m3/h	215
Outdoor air flow (min-med-max) / portata d'aria esterna (min-med-max)	m3/h	350-450-550
(***) SPL indoor noise level (min-max) / Pressione sonora interna (min-max)	db(A)	35-48
(***) SPL outdoor noise level (min-max) / Pressione sonora esterna (min-max)	db(A)	45-55
Electric data / Dati elettrici		
Alimentation / tensione di alimentazione	V-Hz	220 V - 50 Hz - 1Ph
Power supply (MIN-MAX) / potenza elettrica (min-max)	kW	0,7-2,2
Current (MIN-MAX) Amper / Corrente assorbita (min-max) (A)		3,1/ 9,5
Dimension / Dimensioni		
Length / Larghezza	mm	1000
Heigh/Altezza	mm	550
Deep/Spessore	mm	160
Features / caratteristiche principali		
Indoor Motor type and driver / Motore evaporatore		PG motor
Outdoor Motor type and driver / Motore condensatore		AC motor
Indoor cors blade / ventola tangenziale		Alluminum cross fan / ventola tangenziale in alluminio
Top grill / Griglia superiore		Galvanized an painted steel / acciaio galvanizzato e verniciato
Inlet filter / filtro aria		Stainless steel microwave / acciaio inoze micro-onda
ESP filter		no
Water exchanger to replace radiator / batteria ad acqua per sost.radiatore		yes / si
Frontal panel / pannello frontale		tempered cristall / cristallo temprato
Compressor type / tipologia compressore		Rotary VRC
Ecologic gas R32 / gas ecologico		R32
GWP and ODP gas R32 / GWP e ODP gas R32		675/0
Ceramic PTC heatet 1500 watt / resistenza ceramica PTC 1500 watt		yes / si
Air fresch intake / presa di ricambio aria esterna		no
Air flow air fresh intake max / portata aria di rinnovo max	m3/h	25
Automatic water vaporizeing in cooling /		yes / si
Wall holes diameter / diametro fori nel muro	mm	160/162
center to center distance in wall / interasse fori	mm	293
Machine structure / struttura macchina		Galvanized and painted steel / acciaio zincato e verniciato
Optional Accessories / Accessorie		
Wall monted commad / comandi a muro		optional
Wi-Fi device- Wi-Fi		optional
Outdoor grill rain cover / copertura anti pioggia griglia esterna		optional
Water spray in heating mode / sistema di vaporizzazione condensa in caldo		optional
Radiante panel / Pannello radiante		optional
Certifications / Certificazioni		CE - RoHS
Packing data / Dati di imballaggio		
Single box lenght / Lunghezza scatola singola	cm	116
Single box height / altezza scatola singola	cm	25
Deep box dimension / Spessore scatola singola	cm	25
Gross weight / peso lordo	Kg	53
Net weight / peso netto	Kg	47

Temperatura aria esterna 35°C - Temperatura ambiente 27°C, umidità relativa 47%. Prestazioni secondo EN 14511
 Outdoor air 35° C - Indoor air 27° C; UR 47%. Conform to EN 14511
 Water temperature / Temperatura acqua 50 °C, ambient temperature / temperatura aria ambiente 20 °C b.s. e 15°C b.u. EN 1397 EUROVENT
 Water temperature / Temperatura acqua batteria 70-50 °C, ambient temperature / temperatura aria ambiente 20 °C b.s. e 15°C b.u. (Traditional boiler / caldaia tradizionale).
 Water temperature / Temperatura acqua batteria 65-45 °C, ambient temperature / temperatura aria ambiente 20 °C b.s. e 15°C b.u. (Condensing boiler / caldaia a condensazione).
 (***) SPL tested at 2m distance indoor and 3 m outdoor, conform to ISO7779 / Pressione sonora misurata alla distanza di 2 metri interno e 3 metri esterno secondo ISO7779.
 Min outdoor temperature working in heating mode -15 °C / Minima temperatura esterna di lavoro in riscaldamento -15 °C
 Max outdoor temperature working in cooling mode +43 °C / Massima temperatura esterna di lavoro in raffreddamento +43 °C

MONOBLOC AIR CONDITIONERS WATER CONDENSERS



	OSLO 4.0 R H2O DCI	OSLO 5.0 R H2O DCI
Cooling power (kW) min nom max	1,2 -3,4 - 3,57	1,7 -3,8 - 4,6
Heating power (kW) min nom max	1,5 - 2,8 - 3,0	1,8 - 4,0 -4,2 + (0,7*)
Extra heating (kW) opt	1	1
Power (V/Hz)	230 / 50 /1	230 / 50 /1
Electrical power absorbed in cold (kW)	0,7	0,90
Electrical power absorbed in heating (kW)	0,75	1,10
Electricity consumption in stand-by (W)	<1	<1
Dehumidification (l/h)	1	1,3
Fan speed	3 + auto DC	3 + auto DC
Treated air volume (m ³ /h)	500	600
Sound power level (dB)	<58	< 58
Max internal sound pressure level (dB)	26-31	26-31
Max external sound pressure level (dB)	<44	<45
Refrigerant gas	R290/R32	R290/R32
Unit dimensions WxHxD (mm)	1000 x 575 x 200	1000 x 575 x 200
Packaging dimensions WxHxD (mm)	1120 x 657 x 355	1120 x 657 x 355
Weight (kg)	45	47
Energy class in cold	A+++	A++++
Energy class in heat	A+++	A++++
Annual energy consumption (kWA)	295	440
Cold energy efficiency EERd	4,86	4,2
Energy efficiency in Hot COPd	3,55	3,55
Consumption h2o in cooling/heating	0,05/0,15	0,07/0,22
Limit operating conditions h2o in F/C	"+10/30 - 8°/30"	"+10/30 - 8°/30"
WI-FI remote control	incluso	incluso
Accessories for mobile positioning	inclusi	inclusi
Remote control with display	sì	sì
Certifications	CE - TUV - ROHS	CE - TUV - ROHS
AEmina antibacterial air filtration	opz	opz
In/out connection pipes	3/4F - 1/2 F (tubi opz)	3/4F - 1/2 F (tubi opz)

ALONE ON REQUEST MINIMUM 70 PCS



OSLO 4.2



SYDNEY

Cooling power (kW)	4,156	2570
Heating power (kW)	4,863	2,730
Extra exchange heating (kW)	-	-
Power (V/Hz)	230 / 50	230 / 50
Electrical power absorbed in cold (kW)	1,33	0,87
Electrical power absorbed in heating (kW)	1,34	0,87
Electricity consumption in stand-by (W)	<1	<1
Dehumidification (l/h)	1,4	1
Fan speed	3 + auto	3 + auto
Treated air volume (m ³ /h)	590	350
Sound power level (dB)	37 - 44 - 48	30 - 35 - 39 - 42
Max internal sound pressure level (dB)	<50	48
Max external sound pressure level (dB)	<55	<55
Refrigerant gas	R410-A / R32	R410-A / R32
Unit dimensions WxHxD (mm)	1000 x 580 x 245	950 x 430 x 195
Packaging dimensions WxHxD (mm)	1110 x 630 x 275	1092 x 507 x 332
Weight (kg)	45	38
Energy class in cold	A+	A
Energy class in heat	A	A
Annual energy consumption (kWA)	470	307
Cold energy efficiency EERd	3,1	2,61
Energy efficiency in Hot COPd	3,63	3,11
Wall hole diameter (mm)	160	200
Limit operating conditions	+52° / -8°	+43° / -8°
WI-FI remote control	opt.	opt
Accessories for installation	compresi	compresi
Remote control with display	sì	sì
Certifications	CE - TUV - ROHS	CE - TUV - ROHS
No condensate drain system	opt	opt
AEmina antibacterial air filtration	Sì	Sì

* Upon request. / All specifications are indicative and subject to change without notice from the manufacturer.



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