

Olimpia Splendid Unico Next 12 HP EVAN

Olimpia Splendid Unico Next 12 HP EVAN Heat Pump Air Conditioner User Manual

Model: Unico Next 12 HP EVAN

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1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Olimpia Splendid Unico Next 12 HP EVAN ductless heat pump air conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Unico Next 12 HP EVAN is designed to provide year-round comfort through its cooling, heating, dehumidification, and ventilation functions, all without an external unit.

2. IMPORTANT SAFETY INFORMATION

- **Electrical Safety:** Ensure the power supply matches the unit's requirements. Do not use damaged power cords. Disconnect power before any maintenance or cleaning.
- **Installation:** Installation must be performed by qualified personnel in accordance with local electrical and safety regulations. Improper installation can lead to electric shock, fire, or injury.
- **Refrigerant:** This unit uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.
- **Children and Vulnerable Persons:** This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- **Operation:** Do not insert objects into the air outlets. Do not block air inlets or outlets.

3. PRODUCT OVERVIEW

The Olimpia Splendid Unico Next 12 HP EVAN is a wall-mounted, ductless heat pump air conditioner designed for efficient climate control. It integrates all components within a single indoor unit, eliminating the need for an external condenser.

3.1 Key Features

- **All-in-One Design:** No outdoor unit required.
- **Multiple Functions:** Cooling, Heating, Dehumidification, and Ventilation.
- **High Energy Efficiency:** Class A rating with R32 refrigerant.
- **Quiet Operation:** Twin Rotary compressor and Silent Mode reduce noise levels to as low as 30 dB(A).
- **Integrated Wi-Fi:** Control via the OS HOME smartphone application.
- **Smart Functions:** Energy saving, Automatic mode, 24-hour timer.
- **Eco-friendly Packaging:** 100% recyclable, FSC certified cardboard, 98% plastic-free.



Figure 1: Eco-friendly packaging icon, highlighting sustainable materials.

3.2 Components

- Main Unit (Indoor)
- Remote Control
- Installation Kit (ducts, grilles, mounting bracket)
- User Manual (this document)



Figure 2: Front view of the Olimpia Splendid Unico Next 12 HP EVAN unit, showing the air outlet and control panel display.



Figure 3: Side view of the Unico Next 12 HP EVAN, illustrating its compact design and how it sits flush against the wall after through-the-wall installation.

4. INSTALLATION

The Olimpia Splendid Unico Next 12 HP EVAN is designed for "through-the-wall" installation. Due to the technical nature of this process, it is strongly recommended that installation be carried out by a qualified and certified technician to ensure proper functioning, safety, and compliance with local regulations.

4.1 Pre-Installation Checks

- **Location:** Choose a wall location that can support the unit's weight (15 kg) and allows for proper air circulation. Ensure there is sufficient space around the unit for maintenance.
- **Wall Type:** The wall must be suitable for drilling two large holes (typically 162mm or 202mm diameter, depending on model variant) for air intake and exhaust.
- **Power Supply:** Verify that a suitable electrical outlet (198V) is available near the installation site.
- **Drainage:** Plan for condensate drainage, although Unico units often feature condensate evaporation.

4.2 Installation Steps (Overview for Technician)

1. Mark the mounting points and drill holes for the air ducts and mounting bracket.
2. Install the mounting bracket securely to the wall.
3. Insert the air ducts and external grilles.
4. Mount the Unico unit onto the bracket, connecting the ducts and electrical wiring.

5. Seal all openings to prevent air leakage and ensure proper insulation.
6. Perform initial startup and functional tests.



Figure 4: The Unico Next 12 HP EVAN unit seamlessly integrated into a living space, demonstrating its wall-mounted appearance.

5. OPERATING INSTRUCTIONS

Your Unico Next 12 HP EVAN can be operated using the included remote control or via the OS HOME smartphone application.

5.1 Control Panel and Remote Control

The unit features a minimalist control panel with a digital display. The remote control provides full access to all functions. Refer to the remote control's dedicated section in the full manual for detailed button descriptions.

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through operating modes: Cooling, Heating, Dehumidification, Ventilation.
- **Temperature Adjustment:** Use '+' and '-' buttons to set desired temperature.
- **Fan Speed:** Adjusts fan intensity.
- **Timer:** Sets a 24-hour timer for automatic ON/OFF.

5.2 Operating Modes

- **Cooling Mode:** Reduces room temperature. Ideal for warm conditions.
- **Heating Mode:** Increases room temperature using the heat pump function. Suitable for colder conditions.
- **Dehumidification Mode:** Reduces humidity levels in the room without significant temperature change.
- **Ventilation Mode:** Circulates air without cooling or heating.

5.3 Special Functions

- **Silent Mode:** Activates ultra-quiet operation, reducing noise levels to approximately 30 dB(A) for minimal disturbance.

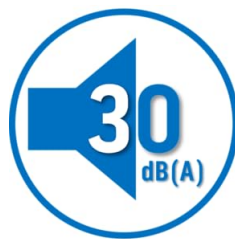


Figure 5: Silent Mode icon, indicating low noise operation.

- **Automatic Mode:** The unit automatically adjusts its operation (cooling, heating, or ventilation) based on the ambient room temperature to maintain a comfortable environment.
- **Energy Saving Mode:** Optimizes power consumption for reduced energy use.

5.4 Wi-Fi Connectivity (OS HOME App)

The integrated Wi-Fi allows you to control your Unico Next 12 HP EVAN from anywhere using the OS HOME application on your smartphone.

1. Download the "OS HOME" app from your smartphone's app store (available for iOS and Android).
2. Follow the in-app instructions to register an account and connect your Unico unit to your home Wi-Fi network.
3. Once connected, you can remotely adjust modes, temperature, fan speed, and set timers.



Figure 6: Wi-Fi app icon, representing the OS HOME application.



Figure 7: A screenshot illustrating the user interface of the OS HOME application for remote control of the air conditioner.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Unico Next 12 HP EVAN unit. Always disconnect power before performing any maintenance.

6.1 Filter Cleaning

- The air filters should be cleaned every two weeks or more frequently depending on usage and air quality.
- Open the front panel of the unit.
- Carefully remove the air filters.

- Clean the filters with a vacuum cleaner or wash them with lukewarm water and a mild detergent. Rinse thoroughly and allow them to dry completely before reinserting.

6.2 Exterior Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals.
- Ensure no water enters the internal electrical components.

6.3 Seasonal Maintenance

- Before long periods of inactivity (e.g., end of season), clean the unit thoroughly and ensure it is completely dry.
- It is advisable to have a qualified technician perform an annual check-up.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. If the problem persists, contact qualified service personnel.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power cord disconnected; circuit breaker tripped.	Check power connection; ensure circuit breaker is ON.
Insufficient cooling/heating.	Dirty air filters; blocked air inlets/outlets; incorrect mode selection; room too large.	Clean air filters; ensure clear airflow; select appropriate mode; verify unit capacity matches room size.
Unit is noisy.	Loose components; unit not level; fan obstruction.	Ensure unit is securely mounted and level. If noise persists, contact service. Note: Some operational noise is normal.
Wi-Fi connection issues.	Incorrect Wi-Fi password; router too far; app not updated.	Verify Wi-Fi credentials; move router closer or use a repeater; update OS HOME app. Refer to app's troubleshooting guide.
Water leakage/condensation.	Blocked condensate drain; extreme humidity.	Check and clear condensate drain. If problem persists, contact service.

8. TECHNICAL SPECIFICATIONS

Below are the key technical specifications for the Olimpia Splendid Unico Next 12 HP EVAN.

Feature	Specification
Model	Unico Next 12 HP EVAN
Brand	Olimpia Splendid
Functions	Cooling, Heating, Dehumidification, Ventilation
Cooling Power	3.1 kW

Feature	Specification
Energy Efficiency Class	A
Refrigerant	R32
Noise Level (Silent Mode)	Up to 30 dB(A)
Dimensions (L x W x H)	101.5 x 18 x 54 cm
Weight	15 kg
Voltage	198V
Installation Type	Through-the-wall
Wi-Fi	Integrated

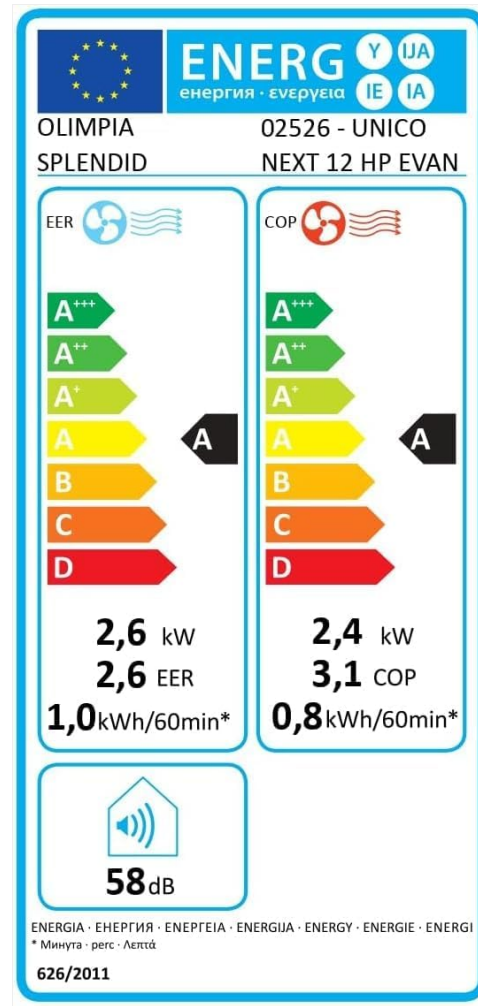


Figure 8: The EU Energy Label for the Unico Next 12 HP EVAN, showing its energy efficiency ratings for cooling and heating.

Climatizzatori a pompa di calore senza unità esterna

			NEW	NEW	NEW	
			Unico Next-F 8 HP PVA	Unico Next 10 HP PVAN	Unico Next 12 HP EVAN	Unico Next 12 HP EVANX
CODICE PRODOTTO			02523	02456	02526	02577
CODICE EAN			8021183025231	8021183024562	8021183025262	8021183025774
Potenza raffreddamento (min/max)		kW	1,0 / 2,1	1,0 / 2,5	1,5 / 3,1	1,5 / 3,1
Potenza riscaldamento (min/max)		kW	1,0 / 2,1	1,0 / 2,3	1,2 / 2,7	1,2 / 2,7
Capacità nominale di raffreddamento (l)	Priminale	kW	 1,6	 2,1	 2,6	 2,6
Capacità nominale di riscaldamento (l)	Priminale	kW	 1,5	 1,7	 2,4	 2,4

Potenza nominale assorbita per il raffreddamento (1)	PEER	kW	0,5	0,8	1	1
Assorbimento nominale per il raffreddamento (1)		A	6,1	4,7	4,1	4,1
Potenza nominale assorbita per il riscaldamento (1)	PCOP	kW	0,5	0,5	0,8	0,8
Assorbimento nominale per il riscaldamento (1)		A	3,5	3,4	3,4	3,4
Indice di efficienza energetica nominale (1)	EERd		2,6	2,6	2,6	2,6
Coefficiente di efficienza nominale (1)	COPd		3,3	3,1	3,1	3,1
Classe di efficienza energetica in raffreddamento (1)			A	A	A	A
Classe di efficienza energetica in riscaldamento (1)			A	A	A	A
Consumo di energia in modo "termostato spento"	PTO	W	14,0	14	14	14
Consumo di energia in modo "attesa" (EN 62301)	PSB	W	0,5	0,5	0,5	0,5
Consumo di energia per apparecchiature a doppio condotto (1) - raffreddamento	QDD	kWh/h	0,5	0,8	1	1
Consumo di energia per apparecchiature a doppio condotto (1) - riscaldamento	QDD	kWh/h	0,5	0,5	0,8	0,8
Potenza raffreddamento con funzione Silent Mode		kW	-	1,4	2,1	2,2
Potenza riscaldamento con funzione Silent Mode		kW	-	1,4	1,9	2,1
Tensione di alimentazione	V-F-Hz		230-1-50	230-1-50	230-1-50	230-1-50
Tensione di alimentazione (min/max)	V		198 / 264	198 / 264	198 / 264	198 / 264
Potenza assorbita in modalità raffreddamento (min/max)		kW	0,3 / 1,1	0,3 / 1,1	0,4 / 1,6	0,4 / 1,6
Assorbimento in modalità raffreddamento (min/max)		A	2,5 / 7,4	2,5 / 7,2	1,9 / 7,5	1,9 / 7,6
Potenza assorbita in modalità riscaldamento (min/max)		kW	0,3 / 1,1	0,3 / 1,0	0,3 / 1,1	0,3 / 1,1
Assorbimento in modalità riscaldamento (min/max)		A	2,1 / 6,2	2,1 / 5,9	1,5 / 5,4	1,5 / 5,4
Potenza assorbita con resistenza elettrica di riscaldamento (min/med/max)		kW	-	-	-	1,5/1,75/2,0
Assorbimento con resistenza elettrica di riscaldamento (min/med/max)		A	-	-	-	7,2 / 7,7 / 8,4
Capacità di deumidificazione	l/h		0,7	0,7	0,7	0,7
Portata aria ambiente in raffreddamento (min/med/max)	m³/h		195/270/380	195/270/380	210/270/410	210/270/410
Portata aria ambiente in riscaldamento (min/med/max)	m³/h		195/270/380	195/270/380	210/270/410	210/270/410
Portata aria ambiente con resistenza elettrica di riscaldamento (min/med/max)	m³/h		-	-	-	210/270/410
Portata aria esterna in raffreddamento (min/max)	m³/h		350/650	350/650	350/650	350/650
Portata aria esterna in riscaldamento (min/max)	m³/h		350/650	350/650	350/650	350/650
Numero velocità di ventilazione interna			3	3	3	3
Numero velocità di ventilazione esterna			6	6	6	6
Diametro fori parete **	mm		162/202	162/202	162/202	162/202
Resistenza elettrica di riscaldamento (min/med/max)		kW	-	-	-	1,5/1,75/2,0
Portata massima telecomando (distanza/angolo)	m / °		8 / ±80°	8 / ±80°	8 / ±80°	8 / ±80°
Dimensioni (Larg. x Alt. x Prof.) (senza imballo)	mm		1015 x 540 x 180	1015 x 540 x 180	1015 x 540 x 180	1015 x 540 x 180
Dimensioni (Larg. x Alt. x Prof.) (con imballo)	mm		1100 x 605 x 290	1100 x 605 x 290	1100 x 605 x 290	1100 x 605 x 290
Peso (senza imballo)	kg		41	41	41	41
Peso (con imballo)	kg		43	43	43	43
Pressione sonora interna (Min/Max) (2)	dB(A)		27-42	26-40	26-42	26-42
Livello di pressione sonora Silent Mode	dB(A)		-	30	30	30
Grado di protezione degli involucri			IP20	IP20	IP20	IP20
Gas refrigerante*	Tipo		R290	R290	R32	R32
Carica gas refrigerante	kg		0,145	0,145	0,28	0,28
Potenziale di riscaldamento globale	GWP		3	3	675	675
Max pressione di esercizio	MPa		3,10	3,1	4,2	4,2
Cavo di alimentazione (N° poli x sezione mmq)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5
CONDIZIONI LIMITE DI FUNZIONAMENTO						
Temperatura ambiente interno	Temperature massime di esercizio in raffreddamento		DB 35°C - WB 24°C	DB 35°C - WB 24°C	DB 35°C - WB 24°C	DB 35°C - WB 24°C
	Temperature minime di esercizio in raffreddamento		DB 18°C	DB 18°C	DB 18°C	DB 18°C
	Temperature massime di esercizio in riscaldamento		DB 27°C	DB 27°C	DB 27°C	DB 27°C
	Temperature minime di esercizio in riscaldamento		-	-	-	-
Temperatura ambiente esterno	Temperature massime di esercizio in raffreddamento		DB 43°C - WB 32°C	DB 43°C - WB 32°C	DB 43°C - WB 32°C	DB 43°C - WB 32°C
	Temperature minime di esercizio in raffreddamento		-	-	-	-
	Temperature massime di esercizio in riscaldamento		DB 24°C - WB 18°C	DB 24°C - WB 18°C	DB 24°C - WB 18°C	DB 24°C - WB 18°C
	Temperature minime di esercizio in riscaldamento		DB -15°C	DB -15°C	DB -15°C	DB -15°C

(1) Condizioni di prova: I dati si riferiscono alla norma EN14511 - MODO RISCALDAMENTO: Temperatura ambiente esterno DB 7°C / WB 6°C; ambiente interno DB 20°C / WB 15°C - MODO RAFFREDDAMENTO: Temperatura ambiente esterno DB 35°C / WB 24°C; ambiente interno DB 27°C / WB 19°C

(2) Dichiarazione dati test in camera semi anecoica a 2m di distanza, pressione minima in sola ventilazione.

* Apparecchiatura ermeticamente sigillata contenente gas con GWP equivalente 3.

** Macchina fornita con griglie per fori parete 202 mm. Qualora necessario per la sostituzione di un vecchio Unico, la macchina può essere installata anche con fori da 162 mm di diametro. Le classi di efficienza energetica fanno riferimento ad una gamma compresa tra A+++ e D.

Figure 9: Detailed technical data table for various Unico Next models, including the 12 HP EVAN, outlining performance metrics and dimensions.

9. WARRANTY AND CUSTOMER SUPPORT

Olimpia Splendid products are covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Olimpia Splendid website.




For technical assistance, spare parts, or service requests, please contact your authorized dealer or Olimpia Splendid customer support. Ensure you have your product model number (Unico Next 12 HP EVAN) and purchase date available when contacting support.

Contact Information: Refer to the official Olimpia Splendid website or your purchase documentation for the most up-to-date contact details for your region.

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - Unico Next 12 HP EVAN

	<p>Olimpia Splendid UNICO EVAN R32 User Manual and Maintenance Instructions</p> <p>Comprehensive guide for the Olimpia Splendid UNICO EVAN R32 air conditioner, covering installation, usage, maintenance, and safety precautions. This manual is available in multiple languages.</p>
	<p>Manuale d'Uso e Manutenzione Olimpia Splendid UNICO NEXT EVAN R32</p> <p>Guida completa per l'installazione, l'uso, la manutenzione e la sicurezza dell'unità di climatizzazione Olimpia Splendid UNICO NEXT EVAN R32. Include istruzioni operative, consigli per il risparmio energetico e risoluzione dei problemi.</p>
	<p>Olimpia Splendid UNICO EVO-F Air Conditioner User Manual</p> <p>Comprehensive guide for the Olimpia Splendid UNICO EVO-F air conditioner, covering installation, usage, maintenance, safety warnings, and technical specifications. Learn how to operate and care for your UNICO EVO-F unit.</p>



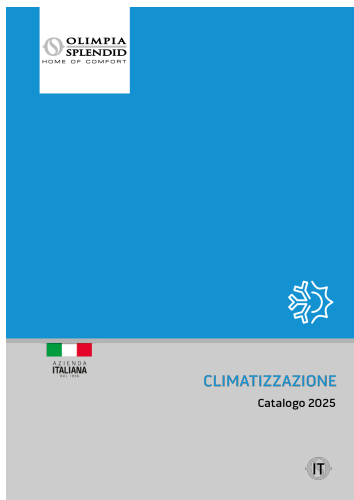
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