

- › [Olimpia Splendid](#) /
- › [Olimpia Splendid 01802 Unico Air Inverter 10 HP Fixed Air Conditioner User Manual](#)

## Olimpia Splendid 01802

# Olimpia Splendid 01802 Unico Air Inverter 10 HP Fixed Air Conditioner

User Manual

## PRODUCT OVERVIEW

The Olimpia Splendid 01802 Unico Air Inverter 10 HP is a fixed air conditioning unit designed for both cooling and heating, featuring an inverter system and operating without an external outdoor unit. This manual provides essential information for its proper installation, operation, and maintenance.



Figure 1: Front view of the Olimpia Splendid 01802 Unico Air Inverter 10 HP unit.



Figure 2: The Unico Air Inverter 10 HP unit seamlessly integrated into a room environment.

## INCLUDED COMPONENTS

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Verify that all components are present in the packaging:

- Olimpia Splendid 01802 Fixed Air Conditioning Unit
- 1 x Self-adhesive insulation strip
- 2 x External grilles for air intake and outlet, including chain and installation kit (2 pieces)
- 2 x Internal flanges
- Wall pipes
- Screws and wall plugs set
- Wall bracket
- Remote control
- Paper template for drilling
- User and Maintenance Manual (this document) + Warranty information

## SETUP AND INSTALLATION

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**Important:** Installation of this unit requires specific technical skills. Professional installation is strongly recommended to ensure proper functioning and safety. The following steps are for informational purposes only and should be performed by qualified personnel.

1. **Positioning:** Select a suitable wall for installation. The unit must be installed on an external perimeter wall.
2. **Drilling:** Create two holes in the wall using a core drill, following the dimensions provided in the drilling template.

3. **Grille Insertion:** Insert the special self-locking grilles of the UNICO unit into the drilled holes.
4. **Mounting:** Secure the UNICO unit to the wall using the provided wall bracket and screws.
5. **Pipe Connection:** Connect the wall pipes as per the installation diagram.

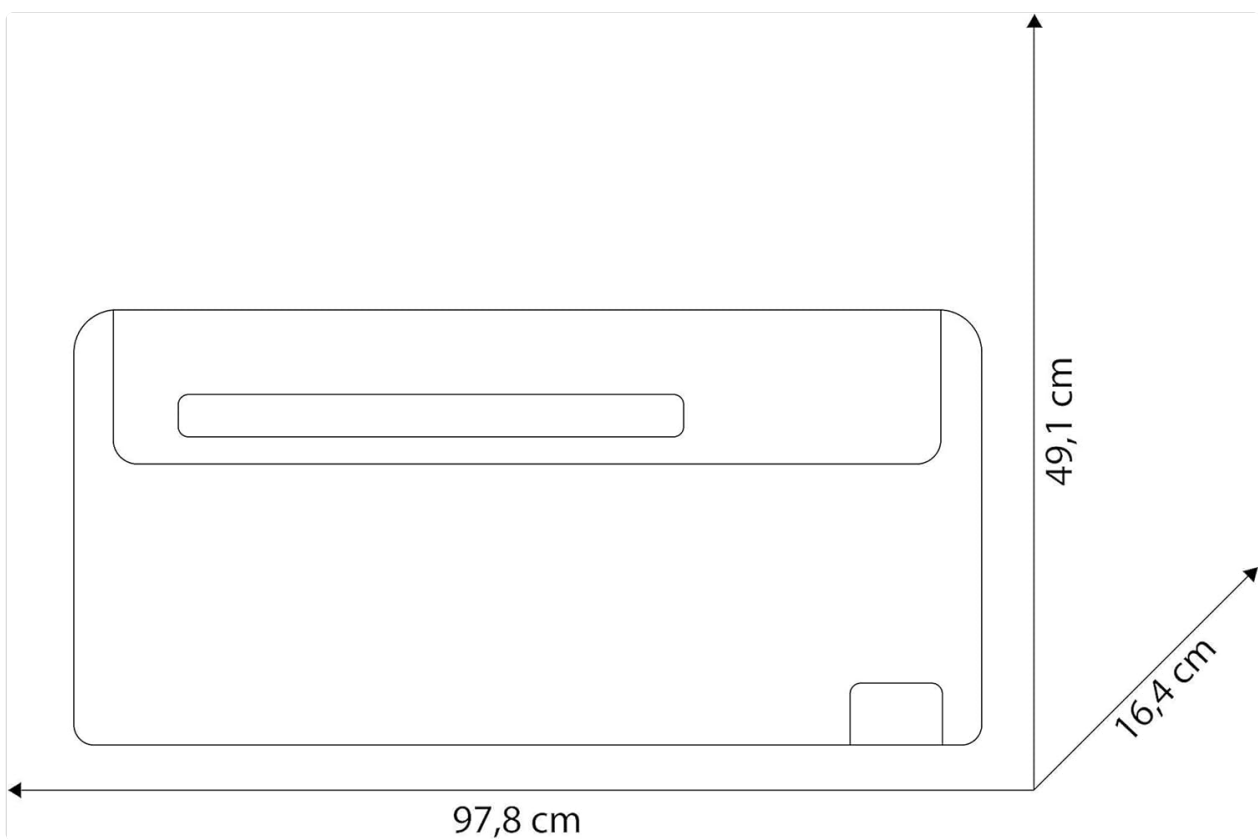
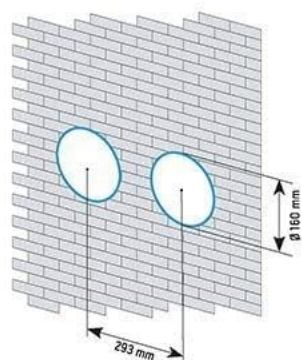


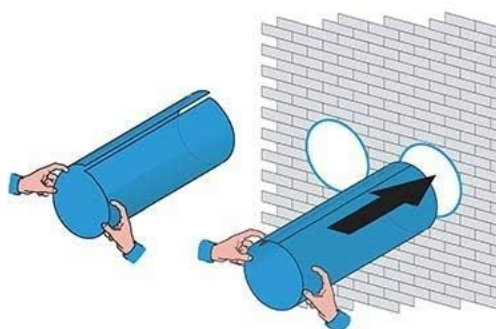
Figure 3: Installation steps including drilling, pipe insertion, and unit mounting. Professional installation is advised.

# Installare UNICO è facile: fai tutto dall'interno!

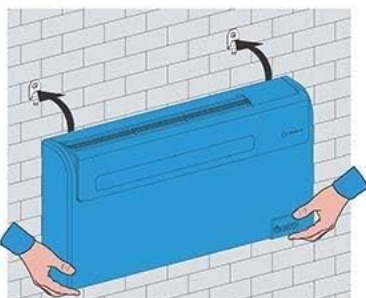
- 1 **Posiziona la dima sulla parete prescelta.**  
N.B. UNICO deve essere necessariamente installato su una parete perimetrale esterna.
- 2 **Realizza due fori mediante carotatrice.**
- 3 **Inserisci le speciali griglie di UNICO autobloccanti.**
- 4 **Fissa UNICO all'apposita staffa contenuta nell'imballo.**



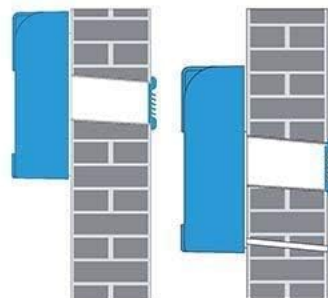
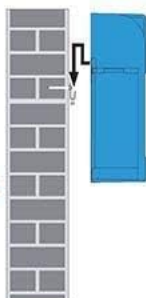
Realizzazione fori a parete (lunghezza max 1 metro).



Arrotolare il foglio in plastica in dotazione e introdurlo nel foro.



Fissaggio staffe e posizionamento macchina.



Scarico automatico della condensa in modalità cooling, mentre in versione pompa di calore (HP) è necessaria una canalina per lo scarico della condensa.

## Attenzione: Installazione professionale!

Si sconsiglia l'installazione fai da te.

Gli step indicati nell'immagine sono puramente indicativi.

Figure 4: External grilles for air intake and outlet, designed for discreet outdoor appearance.

Modello Model Modèle Modellierung Modelo Model Modell Modell	UNICO AIR INVERTER 10 HP	01802	 OLIMPIA SPLENDID SPA - VIA INDUSTRIALE 1/G 29060 CELLATICA (BS) - ITALIA	
IT - Scheda prodotto EN - Product fiche FR - Fiche produit DE - Produktdatenblatt ES - Ficha del producto PT - Ficha de produto NL - Productkaart EL - Αρχείο προϊόντος			 <b>ENERGY</b> <b>Y</b> <b>UA</b> <b>IE</b> <b>IA</b>	
Capacità nominale di raffreddamento Rated output power for cooling Puissance frigorifique nominale Nennleistung im Kühlbetrieb Potencia nominal de refrigeración Capacidade nominal para arrefreïment Nominaal vermogen voor koeling Охладительная мощность		Rated	kW	2,0
Capacità nominale di riscaldamento Rated output power for heating Puissance calorifique nominale Nennleistung im Heizbetrieb Potencia nominal de calefacción Capacidade nominal para aquecimento Nominaal vermogen voor verwarming Отопительная мощность		Rated	kW	2,0
 <b>EER</b> <b>A+++</b> <b>A++</b> <b>A+</b> <b>A</b>		 <b>COP</b> <b>A+++</b> <b>A++</b> <b>A+</b> <b>A</b>		

<p>Potenza nominale assorbita per il raffreddamento Rated power input for cooling Puissance absorbée nominale pour le refroidissement Nenn-Leistungsaufnahme im Kühlbetrieb Potencia nominal utilizada para refrigeración Potência absorvida nominal para arrefecimento Nominaal opgenomen vermogen voor koeling Dovozovani mŏcni výkon chlazení</p>	PEER	kW	0,9	
<p>Potenza nominale assorbita per il riscaldamento Rated power input for heating Puissance absorbée nominale pour le chauffage Nenn-Leistungsaufnahme im Heizbetrieb Potencia nominal utilizada para calefacción Potência absorvida nominal para aquecimento Nominaal opgenomen vermogen voor verwarming Dovozovani mŏcni výkon vytápění</p>	PCOP	kW	0,6	
<p>Indice di efficienza energetica nominale Rated efficiency energy ratio Coefficient d'efficacité énergétique nominal Nenn-Leistungszahl im Kühlbetrieb Factor de eficiencia energética nominal Rácio de eficiência energética nominal Nominale energie-efficiëntieverhouding Dovozovací účinnost chlazení</p>	EER <sub>rated</sub>		2,6	
<p>Coefficiente di efficienza energetica Rated Coefficient of performance Coefficient de performance nominal Nenn-Leistungszahl im Heizbetrieb Coefficient de rendement nominal Coefficient de desempenho nominal Nominale prestatiescoëfficiënt Dovozovací účinnost vytápění</p>	COP <sub>rated</sub>		3,1	
<p>Classe di efficienza energetica in raffreddamento Energy Efficiency Class for cooling mode Classe d'efficacité énergétique pour le refroidissement Energieeffizienzkategorie im Kühlbetrieb Clase de eficiencia energética de refrigeración Classe de eficiência energética para arrefecimento Energie-efficiëntielasse voor koeling Τύπος ενεργειακής απόδοσης ψύξης</p>	A			
<p>Classe di efficienza energetica in riscaldamento Energy Efficiency Class for heating mode Classe d'efficacité énergétique pour le chauffage Energieeffizienzkategorie im Heizbetrieb Clase de eficiencia energética para calefacción Classe de eficiência energética para aquecimento Energie-efficiëntielasse voor verwarming Τύπος ενεργειακής απόδοσης θέρμανσης</p>	A			
<p>Consumo di energia funzione raffreddamento kWh/60 min. In base ai risultati di prove standard. Il consumo effettivo dipende dalle modalità di utilizzo dell'apparecchio e dal luogo in cui è installato. Energy consumption cooling mode kWh per 60 minutes, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located. Consommation d'énergie en mode de refroidissement pour 60 minutes, déterminée sur la base des résultats obtenus dans des conditions d'essai normalisées. La consommation d'énergie réelle dépend des conditions d'utilisation et de l'emplacement de l'appareil. Energieverbrauch im Kühlbetrieb, kWh je 60 Minuten, auf der Grundlage von Ergebnissen der Normprüfung. Der tatsächliche Verbrauch hängt von der Nutzung und vom Standort des Geräts ab.</p>	QOD	kWh/60min	1	
<p>Consumo de energia kWh/60 minutos, según los resultados obtenidos en ensayos estándar. El consumo de energía real depende de las condiciones de uso del aparato y del lugar en el que está instalado. Consumo de energia para arrefecimento kWh por 60 minutos, com base nos resultados do teste normalizado. O valor real do consumo de energia dependerá do modo de utilização do aparelho e da sua localização. Energieverbruik voor koeling kWh per 60 minuten, gebaseerd op de resultaten van standaardtests. Het feitelijke energieverbruik is afhankelijk van de manier waarop het apparaat wordt gebruikt en de plaats waar het zich bevindt. Κατανάλωση ενέργειας kWh ανά 60 λεπτά, σύμφωνα με αποτελέσματα πειράματος. Η πραγματική κατανάλωση ενέργειας εξαρτάται από τον τρόπο χρήσης και τη θέση της συσκευής.</p>				
<p>Consumo di energia funzione riscaldamento kWh/60 min. In base ai risultati di prove standard. Il consumo effettivo dipende dalle modalità di utilizzo dell'apparecchio e dal luogo in cui è installato. Energy consumption heating mode kWh per 60 minutes, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located. Consommation d'énergie en mode de chauffage pour 60 minutes, déterminée sur la base des résultats obtenus dans des conditions d'essai normalisées. La consommation d'énergie réelle dépend des conditions d'utilisation et de l'emplacement de l'appareil. Energieverbrauch im Heizbetrieb, kWh je 60 Minuten, auf der Grundlage von Ergebnissen der Normprüfung. Der tatsächliche Verbrauch hängt von der Nutzung und vom Standort des Geräts ab.</p>	QOD	kWh/60min	1	
<p>Consumo de energia kWh/60 minutos, según los resultados obtenidos en ensayos estándar. El consumo de energía real depende de las condiciones de uso del aparato y del lugar en el que está instalado. Consumo de energia para aquecimento kWh por 60 minutos, com base nos resultados do teste normalizado. O valor real do consumo de energia dependerá do modo de utilização do aparelho e da sua localização. Energieverbruik voor verwarming kWh per 60 minuten, gebaseerd op de resultaten van standaardtests. Het feitelijke energieverbruik is afhankelijk van de manier waarop het apparaat wordt gebruikt en de plaats waar het zich bevindt. Κατανάλωση ενέργειας kWh ανά 60 λεπτά, σύμφωνα με αποτελέσματα πειράματος. Η πραγματική κατανάλωση ενέργειας εξαρτάται από τον τρόπο χρήσης και τη θέση της συσκευής.</p>				
<p>Level of sound power (indoor only) (EN 12102) Sound power level (indoor only) (EN 12102) Niveau de puissance acoustique (intérieur) (EN 12102) Innenruim-Schallleistungsniveau (EN 12102) Nível de potência acústica interior (EN 12102) Niveau de puissance sonore intérieur (EN 12102) Binnenvermogen niveau binnenruimte (EN 12102) Είδος ηχητικής ισχύος του εσωτερικού χώρου (EN 12102)</p>	LWA	dB(A)	54	
<p>Gas refrigerant Refrigerant gas Fluide frigorigène Kältemittel Refrigerante Refrigerante Koelmiddel ψυκτικό</p>	R410A			
<p>Potenziale di riscaldamento globale GWP Global warming potential of refrigerant GWP Potential de réchauffement planétaire PRP Treibhauspotenzial GWP Potential de calentamiento global GWP Potential de aquecimento global PAO Aardwarmingsvermogen GWP Δυναμικό θέρμανσης του πλανήτη GWP</p>	kgCO <sub>2</sub> eq		2008	



Figure 5: The Unico unit installed, demonstrating its minimal external impact with only two small grilles visible.

The Olimpia Splendid 01802 unit offers various operating modes to suit your comfort needs. All functions are controlled via the supplied remote control.

### Operating Modes:

- **Cooling Mode:** Provides cooling to lower room temperature.
- **Heating Mode:** Utilizes a heat pump to warm the room.
- **Fan Mode:** Circulates air without cooling or heating.
- **Dehumidifier Mode:** Reduces humidity levels in the room.
- **Economy Mode:** Optimizes energy consumption for cost-effective operation.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep while reducing noise.
- **Automatic Mode:** Automatically selects the appropriate operating mode (cooling, heating, or fan) based on the ambient temperature.

Refer to the remote control section in the full manual for detailed instructions on selecting modes and adjusting settings.

## MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your Olimpia Splendid 01802 unit.

### Filter Cleaning:

The unit is equipped with a pre-filter. Clean the filter regularly to maintain optimal air quality and unit performance. Refer to the full manual for instructions on how to access and clean the filter.

### Condensate Drainage:

In cooling mode, condensate is automatically drained. For heating mode, a condensate drain pipe may be necessary. Ensure the condensate drainage system is clear and free from obstructions.

## TROUBLESHOOTING

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If you encounter issues with your Olimpia Splendid 01802 unit, consult the following basic troubleshooting steps. For more complex problems, refer to the comprehensive troubleshooting guide in the full user manual or contact customer support.

- **Unit not turning on:** Check if the unit is properly plugged into a power outlet and if the circuit breaker has tripped.
- **Insufficient cooling/heating:** Ensure all windows and doors are closed. Check if the air filters are clean. Verify that the correct operating mode and temperature settings are selected.
- **Unusual noises:** Minor operational noises are normal. If you hear loud or unusual noises, turn off the unit and contact technical assistance.
- **Water leakage:** Check the condensate drain for blockages. Ensure the unit is installed correctly and level.

## SPECIFICATIONS

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Detailed technical specifications for the Olimpia Splendid 01802 Unico Air Inverter 10 HP unit:



Feature	Specification
Model Number	01802
Brand	Olimpia Splendid
Operating Modes	Economy, Cooling, Heating, Fan, Dehumidifier, Sleep, Automatic
Energy Efficiency Class	A
Nominal Cooling Power	2.3 kW
Nominal Heating Power	2.0 kW
EER (Energy Efficiency Ratio)	2.6
COP (Coefficient of Performance)	3.1
Sound Pressure Level	27-38 dB(A)
Refrigerant	R410A (0.36 kg)
Product Dimensions (L x W x H)	97.8 x 16.4 x 49.1 cm
Weight	41 kg
Voltage	240 Volt
Filter Type	Pre-filter
Special Features	Cooling function, Dehumidifier, Heating and cooling function



Figure 6: Dimensional drawing of the Olimpia Splendid 01802 unit.





Figure 7: Energy label and detailed technical specifications for the Unico Air Inverter 10 HP.

## WARRANTY AND SUPPORT

Olimpia Splendid offers an extended warranty beyond statutory terms. This warranty is easy to activate online and provides guaranteed service directly from the manufacturer, managed by a network of qualified technical assistance centers.

For warranty activation details, terms, and conditions, please refer to the technical specifications provided with your product or visit the official Olimpia Splendid website.

Product documentation, including technical details, user manuals, and installation guides, can be downloaded from the manufacturer's website in the download area.

For technical assistance or support, please contact your local authorized service center or visit the Olimpia Splendid support portal.