


CIAC



MINISPLIT
HI-WALL



INVERTER

CLG/CLH43AX

12-18-24k

SEER 18



- ✓ Cooling Only
- ✓ 2-18-22 k
- ✓ Incluye Kit de instalación
- ✓ (3m cobre, 3.8m cable)
- ✓ Inverter Seer18
- ✓ Protección Blue FIN
- ✓ Certificación RETIQ

| Capacidad | Long max Tubería | CFM / Ton | Area de cobertura |
|-----------|------------------|-----------|----------------------|
| 12k/115v | 25m | 383 | 15~23 m ² |
| 9k | 25m | 283 | 9~16 m ² |
| 12k | 25m | 353 | 15~23 m ² |
| 18k | 30m | 589 | 25~40 m ² |
| 24k | 30m | 647 | 30~50 m ² |



Mayor longitud máxima de tubería



Buena relación de flujo de aire
Condiciones AHRI



Apropiada área de cobertura

| Capacidad | ON/OFF Db(A)(Hi/Mi/Lo) | INVERTER Db(A)(Hi/Mi/Lo) |
|-----------|---------------------------|-----------------------------|
| 12k/115v | 41/37/34 | 40/37/33 |
| 9k | 40/38/36 | 36/32/28 |
| 12k | 41/37/34 | 40/37/34 |
| 18k | 48/44/40 | 43/40/37 |
| 24k | 52/48/44 | 44/41/37 |



Operación Silenciosa

Indoor Motor

- ✓Running at low speed
- ✓Quieter than the ordinary motor



Large-diameter
asymmetric aero
quiet cross fan



Remoción de humedad

Indoor humidity



| Capacidad | ON/OFF Rem.Hum (L/h) | INVERTER Rem.Hum (L/h) |
|-----------|-------------------------|---------------------------|
| 12k/115v | 1.30 | 1.30 |
| 9k | 1.00 | 1.00 |
| 12k | 1.30 | 1.20 |
| 18k | 1.90 | 1.80 |
| 24k | 2.30 | 2.20 |





Función Sueño

| Initial Setting Temperature | 1st adjustment | | 2nd adjustment | | 3rd adjustment | |
|-----------------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|
| | Running Time | Setting Temperature | Running Time | Setting Temperature | Running Time | Setting Temperature |
| Below 21°C | 30min | 22°C | 30min | 23°C | 30min | 24°C |

| Initial Setting Temperature | 4th adjustment | | 5th adjustment | | 5th adjustment | |
|-----------------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|
| | Running Time | Setting Temperature | Running Time | Setting Temperature | Running Time | Setting Temperature |
| Below 21°C | 30min | 25°C | 40min | 26°C | 50min | 27°C |



Display con luz posterior



Facilidad de instalación y mantenimiento



Fácil armado

- ✓ Diseño optimizado, menos tornillos
- ✓ No se requiere clip adicional entre la cara frontal y el panel evaporadora
- ✓ Louvers integrados



Fácil Mantenimiento

- ✓ El marco frontal se puede desmontar fácilmente levantándolo desde la parte inferior
- ✓ La tarjeta (PCB) puede ser desarmada solo retirando la cobertura de la caja de control
- ✓ Solo la cobertura es requerida para el soporte del motor



Fácil Instalación

- ✓ Larga ranura para colgar la unidad interior, fácil retiro e instalación
- ✓ Soporte disponible para conectar la tubería de desagüe
- ✓ Línea de drenaje dual



Modo ECO

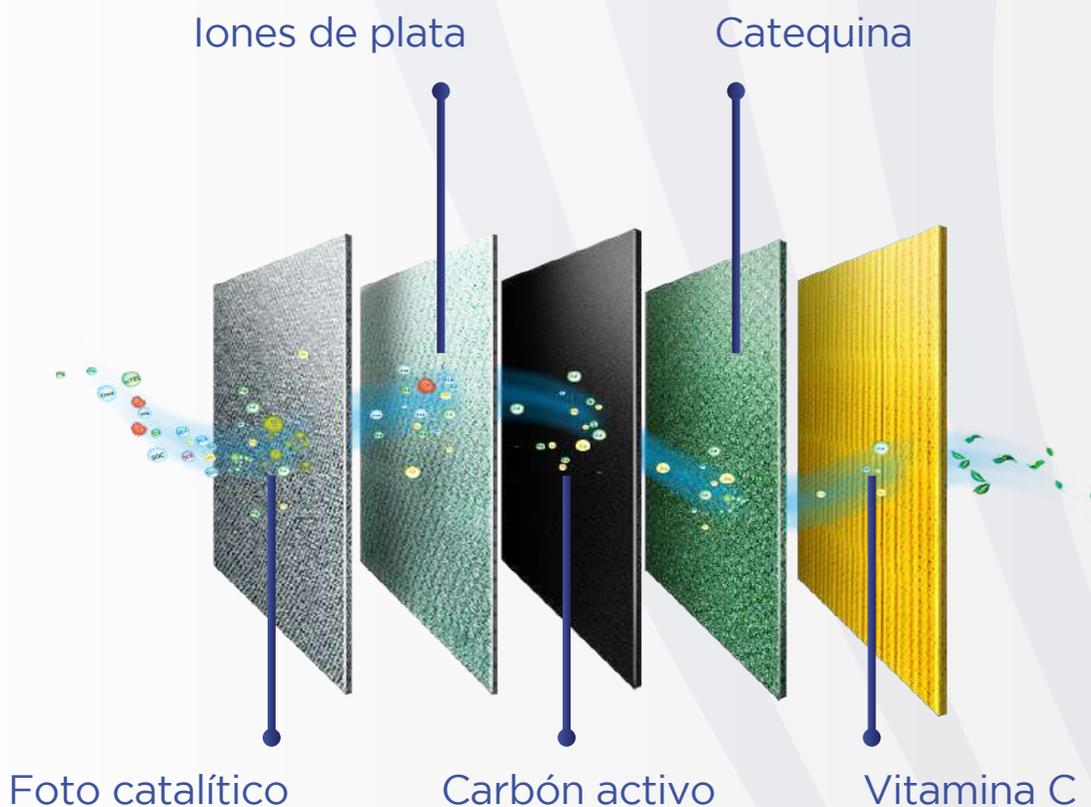
Hasta **30%** de ahorro

El aire acondicionado enfría la habitación mucho más rápido y luego funciona a baja frecuencia, pero mantiene la temperatura deseada.



Filtración

Diversas opciones





Tecnología anti oxidación

Tecnología de protección anti oxidación en la unidad exterior que hace que se siga viendo limpia entre cada mantenimiento





Auto diagnostico

El display proyecta códigos de error en caso de alguna falla presente en el sistema

| Code | Reason | Remark |
|------|--|--|
| E0 | IDU & ODU Communication failure | The IDU & ODU wiring connection correct? |
| E1 | IDU Room Temperature sensor failure. (IDU RT failure) | IDU sensor and PCB. |
| E2 | IDU Coil temperature sensor failure. (IDU IPT failure) | IDU sensor and PCB. |
| E3 | ODU Coil temperature sensor failure. (OPT) | ODU coil sensor and ODU PCB |
| E4 | AC Cooling system abnormal | Gas leakage? 2-way or 3-way valve blocked etc. |
| E5 | IDU/ODU mismatched failure (specially performance test on the production line) | / |
| E6 | IDU PG Fan motor / DC fan motor works abnormal (IDU failure) | Fan motor, fan blade and PCB. |
| E7 | ODU Ambient Temperature sensor failure | ODU ambient sensor and ODU PCB. |
| E8 | ODU Discharge Temperature sensor failure. | ODU discharge sensor and ODU PCB. |
| E9 | IPM / Compressor driving control abnormal. | ODU PCB , compressor, etc. |
| EA | ODU Current Test circuit failure | ODU PCB broken? |
| Eb | The Communication abnormal of Main PCB and Display board (IDU failure) | Display board and main PCB. |
| EE | ODU EEPROM failure. | 1. ODU PCB broken? 2. Try to re-power on AC unit. |
| EF | ODU DC fan motor failure. | Fan motor, ODU PCB. |
| EU | ODU Voltage test circuit abnormal. | ODU PCB. |
| P0 | IPM module protection. | ODU PCB |
| P1 | Over / under voltage protection. | 1. ODU PCB broken? 2. Power supply abnormal? |
| P2 | Over current protection. | 1. ODU PCB broken? 2. Power supply abnormal? |
| P4 | ODU Discharge pipe Over temperature protection. | Please check the troubleshooting for detail. |
| P5 | Sub-cooling protection on Cooling mode. | Please check the troubleshooting for detail. |



Función “I feel”

Sensor de temperatura en el control remoto que ayuda a ajustar la operación con respecto a la temperatura interior de la habitación



5 velocidades de ventilación

Mute/Low/Middle/High/Turbo

Se satisfacen diferentes demandas de flujo de aire



Modo **AUTO**



Memoria de **posición del Louver**



Función **TIMER**



Botón de **EMERGENCIA**



Respuesta **MUSICAL**



Encendido/Apagado
de **DISPLAY**





HI-WALL

INVERTER | A SERIES

| Indoor Model - Basic Panel | | | CLH43AX012-H3U1C | CLH43AX018-H3U1C | CLH43AX024-H3U1C |
|---|----------|--------------------|----------------------|-----------------------|-----------------------|
| Indoor model - Elite Silver Panel | | | CLH43BX012-H3U1C | CLH43BX018-H3U1C | CLH43BX024-H3U1C |
| Outdoor model | | | CLG43AX012PH3U1C | CLG43AX018PH3U1C | CLG43AX024PH3U1C |
| Type | | | Cooling only | | |
| Control type | | | Remote control | | |
| EER for cooling | | W/W | 3.3 | 3.31 | 3.29 |
| Moisture removal | | Liters/h | 1.3 | 1.8 | 2.4 |
| Pressure | High(DP) | MPa | 4.5 | 4.5 | 4.5 |
| | Low(SP) | MPa | 1.9 | 1.9 | 1.9 |
| Indoor noise level at cooling | High | dB(A) | 42 | 48 | 50 |
| | Med. | dB(A) | 39 | 44 | 47 |
| | Low | dB(A) | 36 | 40 | 44 |
| Outdoor noise level | | dB(A) | 52 | 54 | 59 |
| Electrical Data | | | | | |
| Power supply | | | 208-230V~/60Hz/1P | | |
| Voltage Range | | V | 198~253 | 198~253 | 198~253 |
| | | Kwh/month | 141 | 212 | 278 |
| Max Current | Cooling | A | 6.4 | 11.0 | 14.0 |
| Max Power input | Cooling | W | 1400 | 2500 | 2700 |
| Refrigerating System | | | | | |
| Refrigerant | | | R410A/600g | R410A/950g | R410A/1120g |
| Compressor | Type | | Rotary | Rotary | Rotary |
| | Model | | 39A26MZM-FJKE | C-6RZ146H1DJ | C-6RZ146H1DJ |
| | MFG | | RECHI | SANYO | SANYO |
| Evaporator Hydrophilic & Louver Fin; Innergroover tube type (φ7) | | | | | |
| Condenser Louver or Corrugated Fin; Innergroover tube type (φ7 or φ5) | | | | | |
| Expansion device Capillary tube | | | | | |
| Defrosting system Microcomputer controlled reverse system | | | | | |
| Fan System | | | | | |
| Indoor air circulation(Cooling) | | m ³ /h | 650 | 1000 | 1300 |
| Indoor fan type | | | Cross flow | | |
| Indoor fan speed H/ML | Cooling | rpm | 1050/900/700 | 1200/1050/900 | 1050/950/800 |
| | Heating | rpm | N.A | N.A | N.A |
| | Dry | rpm | 700 | 900 | 800 |
| | Sleep | rpm | 700 | 900 | 800 |
| Indoor fan motor output | | W | 18 | 48 | 45 |
| Outdoor fan type | | | Propeller | | |
| Outdoor fan speed | | rpm | 860 | 1000 | 850 |
| Outdoor fan motor output | | W | 31 | 40 | 85 |
| Connections | | | | | |
| Connecting Pipe | Gas | Inches | 3/8" | 1/2" | 5/8" |
| | Liquid | Inches | 1/4" | 1/4" | 1/4" |
| Connecting Wiring | | Size x Core number | 4×1.5mm ² | 4×0.75mm ² | 4×0.75mm ² |
| Drainage Pipe | | | | O.D 16mm | O.D 16mm |
| Others | | | | | |
| Suitable area | | m ² | 15~23 | 20~35 | 35~55 |
| Net dimensions (L x D x H) | Indoor | mm | 811×292×205 | 1010×315×220 | 1186×340×260 |
| | Outdoor | mm | 760×256×552 | 780×290×605 | 845×336×693 |
| Net weight | Indoor | kg | 8 | 13 | 17 |
| | Outdoor | kg | 32 | 32 | 40 |
| Packing dimensions (L x D x H) | Indoor | mm | 885×366×278 | 1094×386×300 | 1265×415×338 |
| | Outdoor | mm | 863×361×590 | 890×385×628 | 960×430×732 |
| Gross weight | Indoor | kg | 11 | 16 | 20 |
| | Outdoor | kg | 35 | 35 | 45 |
| Loading Qty/40HQ | | Sets | 240 | 185 | 130 |



Turn to the experts