

SERIE A

**Mini VRF
DC Inverter
NUEVA SERIE ATOMIC
FRÍO Y CALOR**



Hasta 3TR

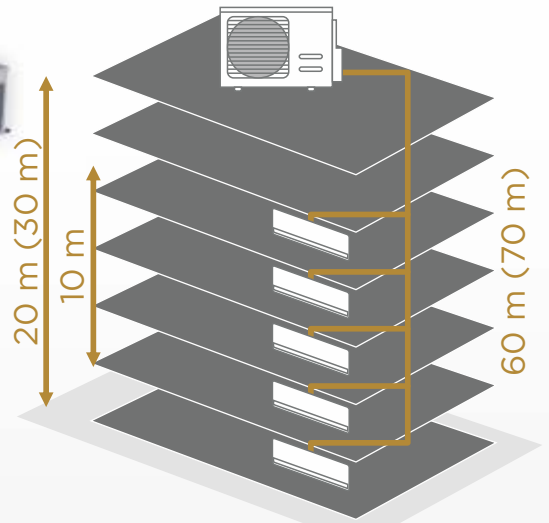


Hasta 5TR



Hasta 5TR

**AHORRO
GARANTIZADO
DE ENERGÍA
ENTRE
40% Y 60%**



Distancia máx. de tubería: 100m

**CAPACIDADES
HASTA
5TR**

Permite conectar hasta **9 unidades interiores** de diversos tipos

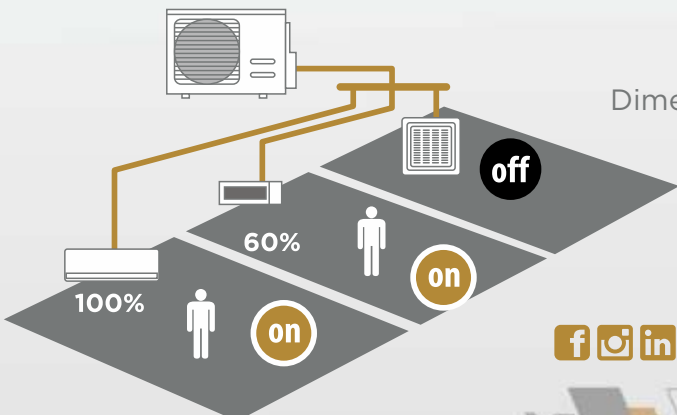
**MÚLTIPLES
COMBINACIONES**

de capacidades en unidades interiores



**PRESTACIONES
GENERALES**

- Alta Eficiencia Energética SEER 20+
- Hasta 9 unidades interiores por sistema.
- Amplio rango de unidades exteriores e interiores hasta 5TR.
- Trazado de tuberías hasta 100 m y altura hasta 30 m.
- Dimensiones compactas, disminuye espacios de instalación.
- Se utilizan Branch y Cabezales de distribución.
- Hasta 50% de ahorro en tuberías, Cable y refrigerante.
- Fácil instalación sin uso de soldaduras.
- Puede trabajar en configuración 1x1.
- Control Remoto y Alámbrico disponibles.
- Control Centralizado (opcional)



Mini VRF DC Inverter Serie A

www.hprestige.com

UNIDADES EXTERIORES

| Model | | PVRA-280R4-M | PVRA-360R4-M | PVRA-420R4-M | PVRA-480R4-M | PVRA-600R4-M | |
|-------------------------------------|---------------------------|----------------------------------|------------------|------------------|------------------|----------------------------------|-------------|
| Power supply | V-Ph-Hz | 220 - 240/1/ 50(60) | | | | 220 - 240/1/ 50(60) | |
| Cooling ¹ / Heating | Capacity | kBtu/h | 28 / 32 | 36 / 42 | 42 / 48 | 42 / 48 | 60 / 61 |
| | Input | kW | 2.1 / 2.04 | 2.66 / 3.15 | 3.31 / 3.64 | 3.31 / 3.64 | 4.87 / 4.82 |
| | SEER / COP | | 22 / 26 | 21 / 26 | 21 / 26 | 21 / 26 | 20 / 26 |
| Connectable | Total Capacity | 45~130% of outdoor unit capacity | | | | 45~130% of outdoor unit capacity | |
| Indoor unit | Capacity | 1~4 | 1~6 | 1~7 | 1~8 | 1~9 | |
| Compressor | Type / QTY | DC inverter / 1 | | | | | |
| Fan | Motor Type QTY | DC motor / 1 | | | | | |
| | Output | W | 80 | 170 | 170 | 170 | 170 |
| Outdoor air flow | m ³ /h | 3700 | 5200 | 5000 | 5200 | 5400 | |
| Sound pressure level ³ | dB(A) | 54 | 54 | 56 | 56 | 56 | |
| Net dimensions (WxHxD) ⁴ | mm | 910 x 712 x 426 | 950 x 840 x 440 | 950 x 840 x 440 | 950 x 840 x 440 | 950 x 840 x 440 | |
| Packed dimensions (WxHxD) | mm | 1045 x 810 x 485 | 1025 x 950 x 510 | 1025 x 950 x 510 | 1025 x 950 x 510 | 1025 x 950 x 510 | |
| Net / Gross weight | kg | 49 / 53 | 59.5 / 69.5 | 63 / 70 | 75 / 82 | 77.5 / 84.5 | |
| Refrigerant | Type / Refrig. Charge (g) | R410A / 1700 | R410A / 2300 | R410A / 2400 | R410A / 3100 | R410A / 3600 | |
| | Factory charge | g | 1700 | 2300 | 2400 | 3100 | 3600 |
| | Throttle type | Electronic expansion valve | | | | | |
| Pipe Connections Liquid / Gas | inch | 3/8" x 5/8" | | | | 3/8" x 3/4" | |
| Ambient Temp. operation range | Cooling / Heating | °C (-5 ~-55) / (-15 a 27 °C) | | | | | |

(1) The cooling conditions: indoor temp: 27 °C DB (80.6 °F), 19 °C WB (66.2 °F) outdoor temp: 35 °C DB (95 °F) equivalent pipe length: 5m drop length: 0m. (2) The heating conditions: indoor temp: 20 °C DB (68 °F), 15 °C WB (44.6 °F) outdoor temp.: 7 °C DB (42.8 °F) equivalent pipe length: 5m drop length: 0m. (3) Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1m for 28/26 model, 1.2m for 42 model. During actual operation, these values are normally somewhat higher as a result of ambient conditions. (4) Diameters given are those of the unit's stop valves. * The above data may be changed without notice for future improvement on quality and performance.

UNIDAD INTERIOR DUCTO- PVDA-M

| Model HPS | PVDA- | 12R4-M | 18R4-M | 24R4-M | 36R4-M | 48R4-M | 60R4-M | |
|------------------------------|---------------------|-------------------------|-----------------|-------------------|----------------|----------------|----------------|-----|
| Power Supply | | | | | | | | |
| | Capacity | kBtu/h | 12 | 19 | 24 | 38 | 48 | 60 |
| Cooling ¹ | Power input | W | 77 | 100 | 125 | 378 | 352 | 532 |
| | Capacity | kBtu/h | 13 | 21 | 27 | 42 | 52 | 61 |
| Heating ² | Power input | W | 77 | 100 | 125 | 378 | 352 | 532 |
| | Fan Motor Type/Qty. | | | | | | | |
| Indoor air flow (SH/H/M/L) | m ³ /h | 614/597/514/429 | 763/811/684/575 | 1127/1029/934/781 | 1851/1800/1556 | 1745/1905/1636 | 2892/2683/2472 | |
| Sound pressure level (H/M/L) | dB(A) | 39/38/34 | 39/38/34 | 41/39/35 | 48/42/38 | 48/43/39 | 54/52/50 | |
| Indoor ext. static pressure | Pa | 10(10~30) | 10(10~30) | 10(10~30) | 40(10~80) | 40(10~100) | 50(50~196) | |
| Dimension (WxHxD) | mm | 780x210x500 | 1000x210x500 | 1220x210x500 | 1230x270x775 | 1290x300x865 | 1322x423x691 | |
| Packed (WxHxD) | mm | 870x285x525 | 1115x285x525 | 1335x285x525 | 1355x350x795 | 1400x375x925 | 1436x450x768 | |
| Net/Gross Weight | kg | 17.5/20 | 22.5/26 | 28/31.5 | 36/42 | 46.5/55.5 | 67/73 | |
| Refrigerant type | | R410A | | | | | | |
| Liquid / Gas pipe | inch | 1/4" x 1/2" 3/8" x 5/8" | | | | | | |
| Drain pipe | mm | 25 | | | | | | |

*This is the available static pressure range which means the unit can run stably in this static pressure range, and the optimal static pressure range please refers to the Installation Manual. When choosing any static pressure which is out of optimal static pressure range, risk like bigger noise, lower air flow volume etc. should be considered in advanced.

(1) Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference. (PVDA y PVPA)
(2) Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference. (PVDA y PVPA)

UNIDAD INTERIOR PISO TECHO - PVPA-M

| Model HPS | PVPA- | 12R4-M | 18R4-M | 24R4-M | 36R4-M | 48R4-M | |
|------------------------------|---------------------|-------------------------|-----------------|-------------------|----------------|----------------|----------------|
| Power Supply | | | | | | | |
| | Capacity | kBtu/h | 12 | 19 | 24 | 38 | 48 |
| Cooling ¹ | Power input | W | 77 | 100 | 125 | 378 | 352 |
| | Capacity | kBtu/h | 13 | 21 | 27 | 42 | 51 |
| Heating ² | Power input | W | 77 | 100 | 125 | 378 | 352 |
| | Fan Motor Type/Qty. | | | | | | |
| Indoor air flow (SH/H/M/L) | m ³ /h | 614/597/514/429 | 763/811/684/575 | 1127/1029/934/781 | 1851/1800/1556 | 1745/1905/1636 | 2892/2683/2472 |
| Sound pressure level (H/M/L) | dB(A) | 39/38/34 | 39/38/34 | 41/39/35 | 48/42/38 | 48/43/39 | 54/52/50 |
| Indoor ext. static pressure | Pa | 10(10~30) | 10(10~30) | 10(10~30) | 40(10~80) | 40(10~100) | 50(50~196) |
| Dimension (WxHxD) | mm | 780x210x500 | 1000x210x500 | 1220x210x500 | 1230x270x775 | 1290x300x865 | 1322x423x691 |
| Packed (WxHxD) | mm | 870x285x525 | 1115x285x525 | 1335x285x525 | 1355x350x795 | 1400x375x925 | 1436x450x768 |
| Net/Gross Weight | kg | 17.5/20 | 22.5/26 | 28/31.5 | 36/42 | 46.5/55.5 | 67/73 |
| Refrigerant type | | R410A | | | | | |
| Liquid / Gas pipe | inch | 1/4" x 1/2" 3/8" x 5/8" | | | | | |
| Drain pipe | mm | 25 | | | | | |

(3) Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 3 steps for each model. (4) Sound pressure level is from highest level to lowest level, total 3 steps for each model. Sound pressure level is measured in a semi-anechoic chamber. (5) Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

UNIDAD INTERIOR HIWALL- PVEA-M

| Model HPS | PVEA- | 09R4-M | 12R4-M | 18R4-M | 24R4-M | 36R4-M | |
|-------------------------------------|-------------------|-------------|--------------|--------------|-------------|-------------|----|
| Power Supply | | | | | | | |
| | Capacity | kBtu/h | 9 | 12 | 19 | 24 | 36 |
| Cooling ¹ | Power input | W | 29 | 31 | 54 | 77 | 90 |
| | Capacity | kBtu/h | 10 | 13 | 21 | 27 | 37 |
| Heating ² | Power input | W | 29 | 31 | 54 | 77 | 90 |
| | Fan Motor Type | | | | | | |
| Air flow rate ³ (SPEED) | m ³ /h | 457 a 402 | 447 a 303 | 798 a 595 | 1240 a 869 | 1427 a 1043 | |
| Sound pressure level ⁴ | dB(A) | 34 A 41 | 36 a 31 | 41 a 34 | 48 a 38 | 52 a 43 | |
| Net dimensions ⁵ (WxHxD) | mm | 835x280x203 | 990x315x223 | 1194x343x262 | | | |
| Packed dimensions (WxHxD) | mm | 915x353x300 | 1075x395x300 | 1265x420x345 | | | |
| Net/Gross Weight | kg | 8.5 / 11 | 9.7/12.2 | 13.8/16.4 | 17.4/20.8 | 17.6/21.0 | |
| Refrigerant type | | R410A | | | | | |
| Design Pressure (H/L) | MPa | 4.4/2.6 | | | | | |
| Pipe | Liquid/Gas | inch | 1/4" x 1/2" | | 3/8" x 5/8" | | |
| Connections | Drain pipe | mm | OD 5/8" | | | | |

(3) Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model. (4) Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured in a semi-anechoic chamber. (5) Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

(1) Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference. (PVCA y PVEA). (2) Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference. (PVCA y PVEA)

UNIDAD INTERIOR CASSETTE- PVCA-M

| Model HPS | PVCA- | 12R4-M | 18R4-M | 24R4-M | 36R4-M | 48R4-M | 60R4-M | |
|---|-----------------------------|-----------|--------------|---------------|---------------|---------------|---------------|-----|
| Power Supply | | | | | | | | |
| | Capacity | kBtu/h | 12 | 19 | 24 | 36 | 47 | 60 |
| Cooling ¹ | Power input | W | 80 | 88 | 105 | 200 | 220 | 170 |
| | Capacity | kBtu/h | 13 | 21 | 27 | 37 | 54 | 61 |
| Heating ² | Power input | W | 80 | 88 | 105 | 200 | 220 | 170 |
| | Indoor Fan Motor Type / Qty | | AC/1 | | | | | |
| Indoor air flow (H/M/L) | m ³ /h | | 942/277/662 | 1235/1013/805 | 1235/1013/805 | 1235/1013/805 | 1235/1013/805 | |
| Sound pressure level (H/M/L) ³ | dB(A) | | 35/31/27 | 43/37/33 | 45/37/35 | 46/38/37 | 46/38/37 | |
| Indoor unit | | | | | | | | |
| Dimensions ⁴ (WxHxD) | mm | | 840x230x950 | | | 950x300x950 | | |
| Packing (WxHxD) | mm | | 955x260x955 | | | 1050x335x1050 | | |
| Net/Gross Weight | kg | 21.5/26.7 | 23.7/28.9 | | 28.7/34.1 | | | |
| Panel | | | | | | | | |
| Dimensions (WxHxD) | mm | | 950x50x950 | | | 1050/55/1050 | | |
| Packing (WxHxD) | mm | | 1035x89x1035 | | | 1115x100x1115 | | |
| Net/Gross Weight | kg | | 5.8/7.9 | | | 7.4/9.7 | | |
| Refrigerant type | | R410A | | | | | | |
| Liquid Gas Pipe | inch | 1/4"x1/2" | | 3/8"x5/8" | | | | |
| Drain Pipe | mm | (φ32) | | | | | | |

(3) Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber. (4) Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.