# R32 Mthermal A Series Mono (18~30kW)

DC Inverter

R32

-25°C

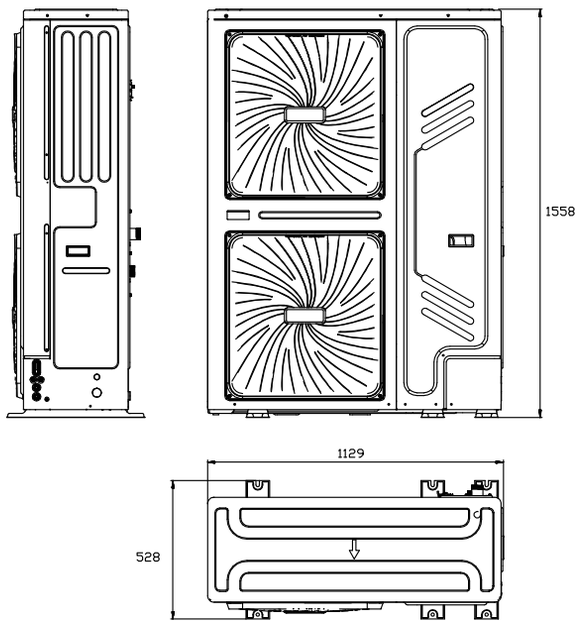
60°C


## Features

- Wide application range:
  Big capacity range from 18~30kW
- R32 environmental refrigerant:
  Lower GWP and carbon emission with better performance
- Stable supply of high temperature water in cold weather:
  Operation down to -25°C
  Maximum 60°C water temperature
- USB function:
  Convenient for program upgrade and parameter setting
- Double zones control more flexibility:
  Maximum 8 zones control (customized)
- Wifi controller and APP control
- Smart Grid function for low operation cost
- Climate curve function
  Weather dependent operation with climate correlation to ensure absolute comfort
- Energy consumption statistics and energy management (available on May 31,2020)
- Parallel control (available on May 31,2020)
  Maximum 6 units controlled by one controller

**Note: The product which is under development is expected to be available in April 30, 2020**

# Dimensions (Unit: mm)




# Specifications

| Model name | | | MHC-V18W/D2RN8 | MHC-V22W/D2RN8 | MHC-V26W/D2RN8 | MHC-V30W/D2RN8 |
|---|---|---|---|---|---|---|
| Power supply | | V/Ph/Hz | 380-415/3/50 | | | |
| Heating[1] | Capacity | W | 18000 | 22000 | 26000 | 30100 |
| | Rated input | W | 3830 | 5000 | 6373 | 8027 |
| | COP | | 4.70 | 4.40 | 4.08 | 3.75 |
| Heating[2] | Capacity | W | 18000 | 22000 | 26000 | 30000 |
| | Rated input | W | 5143 | 6471 | 8387 | 10345 |
| | COP | | 3.50 | 3.40 | 3.10 | 2.90 |
| Heating[3] | Capacity | W | 18000 | 22000 | 26000 | 30000 |
| | Rated input | W | 6545 | 8302 | 10612 | 13043 |
| | COP | | 2.75 | 2.65 | 2.45 | 2.30 |
| Cooling[4] | Capacity | W | 17000 | 21000 | 26000 | 30000 |
| | Rated input | W | 5574 | 7119 | 9630 | 12766 |
| | EER | | 3.05 | 2.95 | 2.70 | 2.35 |
| Cooling[5] | Capacity | W | 18500 | 23000 | 27000 | 31000 |
| | Rated input | W | 3895 | 5000 | 6279 | 7750 |
| | EER | | 4.75 | 4.60 | 4.30 | 4.00 |
| Seasonal space heating energy efficiency class[6] | Water outlet at 35°C | class | A+++ | A+++ | A+++ | A++ |
| | Water outlet at 55°C | class | A++ | A++ | A+ | A+ |
| Refrigerant | Type | | R32 | | | |
| | Charged volume | kg | 5.0 | | | |
| Sound power level | | dB | 71 | 73 | 75 | 77 |
| Unit dimension (W×H×D) | | mm | 1129x1558x528 | | | |
| Packing dimension (W×H×D) | | mm | 1220x1725x565 | | | |
| Net/Gross weight | | kg | 177/206 | | | |
| Water piping connections Dia. | | inch | 1-1/4" BSP | 1-1/4" BSP | 1-1/4" BSP | 1-1/4" BSP |
| Ambient temperature range | Cooling | °C | -5-46 | | | |
| | Heating | °C | -25-35 | | | |
| | DHW | °C | -25-43 | | | |
| Water outlet temperature range | Cooling | °C | 5-25 | | | |
| | Heating | °C | 25-60 | | | |
| | DHW | °C | 40-60 | | | |

Notes:
1.Evaporator air in 7°C, 85% R.H., Condenser water in/out 30/35°C
2.Evaporator air in 7°C, 85% R.H., Condenser water in/out 40/45°C
3.Evaporator air in 7°C, 85% R.H., Condenser water in/out 47/55°C
4.Condenser air in 35°C. Evaporator water in/out 12/7°C
5.Condenser air in 35°C. Evaporator water in/out 23/18°C
6. Seasonal space heating energy efficiency class testes in average climate general
7. The above data test reference standard EN14511; EN14825; EN50564; EN12102; (EU) No:811:2013; (EU)No:813:2013; OJ 2014/C 207/02:2014

**Commercial Air Conditioner Division**

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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.

GD MIDEA Heating & Ventilating Equipment Co. Ltd participates in the ECP programme for LCP-HP. Check ongoing validity of certificate: www.eurovent-certification.com