

HORIZONTAL PACKAGED AIR CONDITIONER



COP up to
5,5*

FLATAIR ADVANCED

ULTRA HIGH EFFICIENCY & COMFORT

- Reduced energy bill
- Comfort
- Reliability
- Adaptability

Cooling capacity :
6 - 34 kW

Heating capacity :
6 - 29 kW



* Nominal heating conditions (EN14511) -
At partial load

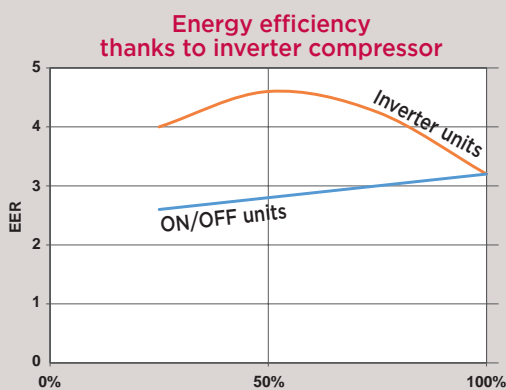


Seasonal high efficiency:

- **Optimized efficiency at full and part load operations**, thanks to variable speed on compressor and fans. This range has a high seasonal energy efficiency in cooling and heating modes.
- **Compliant to European seasonal energy efficiency requirements** of ErP Directive 2009/125/EC (EU2016/2281).

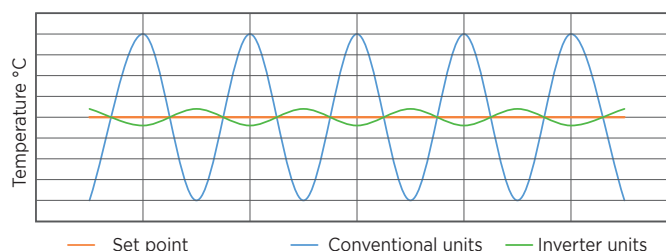
2021 READY **AIR COOLING PRODUCT**
EU 2016/2281

- **Variable speed compressor:**
The compressor speed is continuously adapting to cooling (or heating) demand.
- **Fan energy efficiency :**
Free wheel without fan scroll and direct drive technology.
- **Optimized design and compactness:**
For an easy indoor installation,
For an easy access to all the components.



Thermal comfort :

- **Accuracy of supply air temperature**, compared to set point (difference lower than +/- 1K around the set point).
- Variable speed compressor from 30% to 100% **to perfect fit to thermal needs**.



General data

Nominal thermal performances

| Packaged unit | | FAMH 020 | FAMH 035 |
|--|----|------------|------------|
| Cooling capacity ⁽¹⁾ (Mini/Maxi) | kW | 6,1 / 22,4 | 9,7 / 33,4 |
| EER ⁽¹⁾ | | 2,91 | 2,79 |
| Heating capacity ⁽²⁾ (Mini/Maxi) | kW | 6,0 / 19,8 | 9,5 / 28,8 |
| COP ⁽²⁾ | | 3,15 | 3,16 |

According to **EN14511** nominal conditions (Cooling and heating modes)

(1) **Cooling mode :**
Outdoor temperature 35°C DB
Indoor temperature 27°C DB / 19°C WB
EER given at 80 rps

(2) **Heating mode :**
Outdoor temperature 7°C DB / 6°C WB
Indoor temperature 20°C DB
COP given at 80 rps

Seasonal efficiencies

| Packaged unit | FAMH 020 | FAMH 035 |
|--|----------|----------|
| Seasonal Energy Efficiency Ratio SEER ⁽¹⁾ | 4,05 | 4,35 |
| Seasonal energy efficiency η_{s,c} ⁽²⁾ | 159,0 % | 170,9 % |
| Seasonal Energy Efficiency Ratio SCOP | 3,06 | 3,10 |
| Seasonal energy efficiency η_{s,h} ⁽³⁾ | 119,4 % | 120,9 % |

(1) SEER in accordance with standard EN14825.

(2) Space cooling energy efficiency following Ecodesign regulation EU 2016/2281

(3) Space heating energy efficiency following Ecodesign regulation EU 2016/2281.

Dimensions and weight

| Packaged unit | | FAMH 020 | FAMH 035 |
|-------------------------|----|-------------------|-------------------|
| Length x Width x Height | mm | 1500 x 1980 x 670 | 1950 x 2050 x 770 |
| Net weight | kg | 340 | 555 |