

AD180HP5FA-SET

SPECIFICATIONS

Accessories (included)

|                      |                    |
|----------------------|--------------------|
| SmarthQ WiFi control | HI-WB101DEI        |
| Standard controller  | YR-E17A or YR-E16B |

Capacity

|                       |       |
|-----------------------|-------|
| Cooling capacity (kW) | 18 kW |
| Heating capacity (kW) | 20 kW |

Consumption

|                              |                       |
|------------------------------|-----------------------|
| COP                          | 3.75                  |
| EER                          | 3.20                  |
| HSPF-RES (Hot/Average/Cold)  | 3.703 / 3.080 / 2.676 |
| HSPFCOM (Hot/Average/Cold)   | 3.686 / 3.165 / 2.868 |
| TCSPF-COM (Hot/Average/Cold) | 4.449 / 4.505 / 4.792 |
| TCSPF-RES (Hot/Average/Cold) | 4.173 / 3.900 / 4.022 |

Features

|                                               |                      |
|-----------------------------------------------|----------------------|
| 24 hour timer                                 | •                    |
| Auto restart                                  | •                    |
| Blue fin coils                                | •                    |
| Compressor type                               | Inverter twin rotary |
| Cyber security support                        | 31 / 01 / 2028       |
| Electronic expansion device                   | •                    |
| Inverter controlled compressor                | •                    |
| MEPS approved                                 | •                    |
| Motor type                                    | DC motor             |
| Refrigerant factory charge                    | 3.1 kg               |
| Self diagnostics                              | •                    |
| Sleep mode                                    | •                    |
| Smart appliance                               | •                    |
| Voice control via Google Home or Amazon Alexa | •                    |
| Wi-Fi controller compatible                   | •                    |

Installation

|                     |                   |
|---------------------|-------------------|
| Indoor unit model   | AD180S2SH5FA      |
| Indoor unit weight  | 94 kg             |
| Outdoor unit model  | 1U180S2SP5FA      |
| Outdoor unit weight | 104 kg            |
| Pipe length maximum | 75 m              |
| Pipe size gas       | Pipe size 19.05mm |

|                  |                  |
|------------------|------------------|
| Pipe size liquid | Pipe size 9.52mm |
|------------------|------------------|

Performance

|                             |                             |
|-----------------------------|-----------------------------|
| Airflow                     | 1200 / 1050 / 890 / 725 L/S |
| DC Inverter                 | •                           |
| Indoor sound pressure SPL   | 54 / 50 / 45 dBA            |
| Outdoor sound power SWL     | 73 dBA                      |
| Outdoor sound pressure SPL  | 56 dBA                      |
| R32 Refrigerant             | •                           |
| Working temperature cooling | -15°C to +50°C              |
| Working temperature heating | □-20°C to +24°C             |

Power requirements

|                      |              |
|----------------------|--------------|
| Minimum circuit amps | 32 MCA       |
| Power phase          | Single phase |
| Supply frequency     | 50 Hz        |
| Supply voltage       | 230 V        |

Product dimensions

|                    |         |
|--------------------|---------|
| Indoor unit depth  | 895 mm  |
| Indoor unit height | 500 mm  |
| Indoor unit width  | 1330 mm |
| Outdoor unit depth | 370 mm  |

|                     |         |
|---------------------|---------|
| Outdoor unit height | 1350 mm |
| Outdoor unit width  | 950 mm  |

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Warranty

|                  |         |
|------------------|---------|
| Parts and labour | 5 years |
|------------------|---------|

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|     |       |
|-----|-------|
| SKU | 51676 |
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The product dimensions and specifications in this page apply to the specific product and model. Under our policy of continuous improvement, these dimensions and specifications may change at any time. You should therefore check with Fisher & Paykel's Customer Care Centre to ensure this page correctly describes the model currently available. © 2020 Haier Inc. All rights reserved.

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