

High Static Ducted, 18kW

White



High Static Ducted systems offer total heating and cooling to every room, with an indoor unit hidden in the ceiling and discreet vents.

- Precise temperature control, with an operational range from -20°C to 50°C
- Remote control using the SmartHQ™ app when the optional Wi-Fi accessory is installed
- Blue Fin coating on the outdoor condenser helps to prevent environmental corrosion
- The indoor unit is designed for simple installation with a two-piece assembly

FEATURES & BENEFITS

Comfort in all conditions

Control the humidity level inside using the Dry function. By removing excess moisture in the air, you can create a comfortable and healthy environment that feels cooler – all while using less energy than Cool mode.

Control from anywhere

Installing the optional Wi-Fi accessory lets you control your air conditioning from your phone with the SmartHQ™ app, or use voice control with a smart home device.

Efficient DC motor

DC fan motors are renowned for using less energy than a standard AC motor. They are also highly adjustable for better airflow and static pressure tuning to suit your installation.

Simple installation

For easier installation, the indoor unit has a two-piece design. This means it can be separated for manageable handling, and then reassembled in the ceiling. Plus, removable panels provide access to the control board and motor for faster servicing.

Central controller

With an optional central controller, you can control individual or connected units from an intuitive display. Schedule your air conditioning to turn on to create the perfect environment just before you wake up, or switch off to save energy at the end of the day.

R32 refrigerant

The Smart Power outdoor unit uses a next-generation R32 refrigerant, which carries heat efficiently and has a lower Global Warming Potential than R410A.

SPECIFICATIONS

Capacity

| | |
|-----------------------|---------------|
| Cooling capacity (kW) | 18.0kW |
| Heating capacity (kW) | 20.0kW |

Consumption

| | |
|-----|-------------|
| COP | 3.75 |
| EER | 3.20 |

Features

| | |
|----------------------------------|---------------------------|
| 24 Hour timer | • |
| Auto restart | • |
| Blue fin coils | • |
| DC inverter | • |
| DRED (Demand Response) ready | • |
| Dry mode | • |
| MEPS approved | • |
| Refrigerant factory charge | 3.1 |
| Self diagnostics | • |
| SmartHQ WiFi control | HI-WB101DEI |
| Standard controller | YR-E17A or YR-E16B |
| Voice control via Google Home or | • |

Installation

| | |
|---------------------|--------------------------|
| Indoor unit model | AD180S2SH5FA |
| Indoor unit weight | 94kg |
| Liquid line | Pipe size 9.52mm |
| Maximum pipe run | 75 |
| Outdoor unit model | 1U180S2SP5FA |
| Outdoor unit weight | 104kg |
| Suction line | Pipe size 19.05mm |

Performance

| | |
|-------------|----------------|
| Airflow | 1200L/S |
| DC inverter | • |

| | |
|------------------------------|------------------------|
| R32 Refrigerant | . |
| Sound power SWL (outdoor) | 75dBA |
| Sound pressure SPL (indoor) | 54 / 50 / 45dBA |
| Sound pressure SPL (outdoor) | 58dBA |
| Working temperature cooling | -15°C to +50°C |
| Working temperature heating | -20°C to +24°C |

Power Requirements

| | |
|------------------|-------------|
| Power phase | 1.0 |
| Supply frequency | 50Hz |
| Supply voltage | 230V |

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 |

Warranty

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

| | |
|-----|-------|
| SKU | 51676 |
|-----|-------|

Other product downloads available at haier.com

-  [User Guide - Controller](#)
-  [User Guide - Wired Controller YR-E16B](#)
-  [User Guide - Wired Controller YR-E17A](#)
-  [Product Brochure](#)
-  [Installation Guide - Indoor Unit](#)
-  [Installation Guide - Outdoor Unit](#)

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