

# High Static Ducted, 10.5kW

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
- Designed to fit the standard truss spacings of New Zealand homes for simple installation
- Remote control using the SmarHq™ app when the optional Wi-Fi accessory is installed
- Blue Fin coating on the outdoor condenser helps to prevent environmental corrosion

## 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 SmarHq™ app, or use voice control with a smart home device.

### Efficient and effective

The DC fan motor is more energy efficient than a standard AC motor and it is also highly adjustable. This means you can adjust the static pressure and airflow for optimal performance to suit your layout.

### Simple installation

Designed to fit the standard dimensions of New Zealand homes, the indoor unit easily fits between roof truss spacings of 600mm. Plus, the removable panels make for easy installation and servicing.

### Peace of mind

Moisture from the air is collected during normal operation. The High Static Ducted indoor unit includes a second condensate draining tray to collect liquid overflow in case of a blockage, protecting your ceiling from damage.

### Central controller

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

## SPECIFICATIONS

### Capacity

|                       |        |
|-----------------------|--------|
| Cooling capacity (kW) | 10.0kW |
| Heating capacity (kW) | 11.5kW |

### Consumption

|                              |                       |
|------------------------------|-----------------------|
| COP                          | 3.61                  |
| EER                          | 3.21                  |
| HSPF-RES (Hot/Average/Cold)  | 4.071 / 3.567 / 3.056 |
| HSPFCOM (Hot/Average/Cold)   | 4.066 / 3.772 / 3.239 |
| TCSPF-COM (Hot/Average/Cold) | 4.753 / 4.839 / 5.171 |
| TCSPF-RES (Hot/Average/Cold) | 4.419 / 4.072 / 4.217 |

### Features

|                                  |          |
|----------------------------------|----------|
| 24 Hour timer                    | •        |
| Auto restart                     | •        |
| Blue fin coils                   | •        |
| DC inverter                      | •        |
| DRED (Demand Response) ready     | •        |
| Dry mode                         | •        |
| MEPS approved                    | •        |
| Refrigerant factory charge       | 2.3      |
| Self diagnostics                 | •        |
| SmartAir2 WiFi adaptor           | Optional |
| SmarHq WiFi control              | Optional |
| Standard controller              | Optional |
| Voice control via Google Home or | •        |

### Installation

|                     |                |
|---------------------|----------------|
| Indoor unit model   | AD100S2SH5FA   |
| Indoor unit weight  | 59kg           |
| Liquid line         | Pipe size 9.52 |
| Maximum pipe run    | 50             |
| Outdoor unit model  | 1U100S2SN5FA   |
| Outdoor unit weight | 82kg           |



Suction line **Pipe size 15.88**

### Performance

|                              |                             |
|------------------------------|-----------------------------|
| Airflow                      | <b>800L/S</b>               |
| DC inverter                  | •                           |
| R32 Refrigerant              | •                           |
| Sound power SWL (outdoor)    | <b>68dBA</b>                |
| Sound pressure SPL (indoor)  | <b>45 / 41 / 37 / 33dBA</b> |
| Sound pressure SPL (outdoor) | <b>52dBA</b>                |

### Power Requirements

|                  |             |
|------------------|-------------|
| Power phase      | <b>1.0</b>  |
| Supply frequency | <b>50Hz</b> |
| Supply voltage   | <b>230V</b> |

### Product dimensions

|                     |                |
|---------------------|----------------|
| Indoor unit depth   | <b>490 mm</b>  |
| Indoor unit height  | <b>425 mm</b>  |
| Indoor unit width   | <b>1350 mm</b> |
| Outdoor unit depth  | <b>370 mm</b>  |
| Outdoor unit height | <b>965 mm</b>  |
| Outdoor unit width  | <b>950 mm</b>  |

### Warranty

|                  |                |
|------------------|----------------|
| Parts and labour | <b>5 years</b> |
|------------------|----------------|

SKU 51671

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.

### Other product downloads available at [haier.com](https://www.haier.com)

- [↓](#) User Guide - Wired Controller YR-E17A
- [↓](#) User Guide - Wired Controller YR-E16B
- [↓](#) User Guide - Smartzone Controller
- [↓](#) Product Brochure
- [↓](#) Service & Warranty
- [↓](#) Installation Guide - Duct Type Air Conditioner
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