

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 SmartHQ™ 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 SmartHQ™ 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)	10kW
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	•
DRED (Demand Response) ready	•
Dry mode	•
MEPS approved	•
Refrigerant factory charge	2.3kg
Self diagnostics	•
SmartAir2 WiFi adaptor	Optional
SmartHQ 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 9.52mm
Maximum pipe run	50m
Outdoor unit model	1U100S2SN5FA
Outdoor unit weight	82kg
Suction line	Pipe size 15.88mm

Performance

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

Power requirements

Power phase	1.0
Supply frequency	50Hz
Supply voltage	230V

Product dimensions

Indoor unit depth	490mm
Indoor unit height	425mm
Indoor unit width	1350mm
Outdoor unit depth	370mm
Outdoor unit height	965mm
Outdoor unit width	950mm








Warranty

Parts and labour	5 years
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SKU	51671
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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

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

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