



## Haier AD125S2SM7FA-SET Low Profile Ducted User Guide

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# Haier

QUICK REFERENCE GUIDE > AD125S2SM7FA-SET  
Low Profile Ducted, 12.5kW  
Ducted  
White



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Low Profile Ducted systems offer total heating and cooling to multiple rooms, with a slim indoor unit hidden in the ceiling and discreet vents.

- Precise temperature control, with an operational range from -20°C to 50°C
- Slim design for installation in shallow ceiling cavities, such as in multistorey buildings
- Remote control using the SmartHQT<sup>™</sup> 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 in Cool mode.

### Control from anywhere

Installing the optional Wi-Fi accessory lets you control your air conditioning from your phone with the SmartHQT<sup>™</sup> 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.

### Flexible installation

The low-profile design of this unit is ideal for installation in shallow ceiling cavities, such as between floors in multistorey buildings. The panel system also allows for easy conversion between rear or bottom return air installation.

### Peace of mind

Moisture from the air is collected during normal operation. The Low Profile Ducted indoor unit has a condensate pump with a built-in fail-safe switch for reliable moisture draining in confined spaces.

### 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 it off at the end of the workday.

## SPECIFICATIONS

Capacity	
Cooling capacity (kW)	12.0kW
Heating capacity (kW)	14.0kW
Consumption	
COP	3.49
HER	3.18
HSPF-RES (Hot/Average/Cold)	3.594 / 3.306 / 2.938
HSPFCOM (Hot/Average/Cold)	3.581 / 3.407 / 3.018
TCSPF-COM (Hot/Average/Cold)	4.190 / 4.201 / 4.445
TCSPF-RES (Hot/Average/Cold)	3.947 / 3.678 / 3.760
Features	
24 Hour timer	•

Auto restart	•
Bluefin coils	•
Condensate pump	•
DC inverter	•
DRED (Demand Response) is ready	•
Dry mode	•
MEPS approved	•
Refrigerant factory charge	2.9
Self-diagnostics	•
SmartAir2 WiFi adaptor	Optional
SmartHQ WiFi control	Optional
Standard controller	Optional
Voice control via Google Home or	•
<b>Installation</b>	
Indoor unit model	AD125S2SM7FA
Indoor unit weight	52kg
Liquid line	Pipe size 9.52
Maximum pipe run	75
Outdoor unit model	1U125S2SP5FA
Outdoor unit weight	105kg
Suction line	Pipe size 15.88
<b>Performance</b>	
Airflow	625L/S
DC inverter	•
R32 Refrigerant	•
Sound power SWL (outdoor)	69dBA
Sound pressure SPL (indoor)	45 / 42 / 37dBA
Sound pressure SPL (outdoor)	52dBA
<b>Power Requirements</b>	
Power phase	1
Supply frequency	50Hz
Supply voltage	230V
<b>Product dimensions</b>	

Indoor unit depth	700 mm
Indoor unit height	248 mm
Indoor unit width	1500 mm
Outdoor unit depth	370 mm
Outdoor unit height	1350 mm
Outdoor unit width	950 mm
<b>Warranty</b>	
Parts and labor	5 years
SKU	51584

The product dimensions and specifications on 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](http://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](#)

↓ [Installation Guide – Split System Air Conditioner](#)



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24 Hours 7 Days a Week Customer Support

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## Documents / Resources

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## References

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