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REFRIGERANT HANDLING PRODUCTS



# HC-AIR FAN MODULE



The HC-AIR fan module is an essential service accessory used when transferring hydrocarbon refrigerants.

## FEATURES INCLUDE

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ATEX approved, high efficiency, electronically commutated motor.

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5m hard wired mains lead with moulded plug.

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Non sparking thermoplastic fan blade for increased performance and reduced noise level.

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Mains cable storage.

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Robust painted steel casework.

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No maintenance.

# HC-AIR

## FAN MODULE



The HC-AIR fan module is an essential service accessory to be used when transferring hydrocarbon refrigerant and should feature in the risk assessment process.

Good ventilation in the working area will ensure that any vapour from a leak or release will be rapidly dispersed. The fan module is placed at floor level near the working area and can be plugged in up to 5m away. It is recommended to switch the fan on before refrigerant handling commences.

#### Safety Procedure for the work area where HC systems are being serviced:

- The area must be well ventilated
- There must be no source of ignition within 3m of the system
- The area must be monitored with a hydrocarbon detector

#### Recommended Procedure for Servicing HC Refrigerant Equipment:

- Plug in the RDA HC-AIR Fan Module 3m from the working area and position at floor level.
- Plug in the RDA HC-3 Refrigerant Recovery Unit 3m from the working area and recover the hydrocarbon refrigerant.
- When the low-pressure lamp has illuminated switch the unit to low pressure override and allow to run for 1 minute.
- Pressurise the system with OFN (Oxygen Free Nitrogen) to just above atmospheric pressure.
- Using a HC sensor check that no hydrocarbon refrigerant is in the air before lighting the brazing torch.
- Un-braze the connections and complete the service operation.

#### TECHNICAL SPECIFICATIONS

Length	300 mm
Width	220 mm
Height	380 mm
Weight	6.48kg
Airflow	700m <sup>3</sup> /h
Ambient Temp Rating	-20°C to 55°C
Power Absorbed	25W
Voltage	230v 50Hz or 110v 50Hz
Fuse Protection	3A

## Training

Engineers working with HC refrigerants should be trained in accordance with the specification: EN378-4:2016+A1:2019 Annex E

RDA Environmental Engineering manufacture a wide range of refrigerant handling products visit our website [www.rda-eng.com](http://www.rda-eng.com) or contact us for full details



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