



SAFETY ALERT

Subject: Hitachi Air Conditioning Unit Servicing Precautions

Number: 08/13

DIO Secretariat Sponsor: Robin Cawthorne

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Who should read this: CEStOs, Top Level Budget Holders, Project Sponsors, MOD Project Managers and others within the IPT (for both Prime, PFI/PPP and traditionally procured contracts), Defence Infrastructure Organisation Advisors and Infrastructure Managers with responsibility for MOD projects and Property Management Works Services (including the legacy work of EWCs/WSMs) Coordinating Authorising Engineers, Authorising Engineers and Authorised Persons.

When it takes effect: Immediately

When it is due to expire:
26 November 2013

Health and Safety

Document Aim:

1. Introduction

- a. Hitachi is aware of a very small number of cases in Japan where a short-circuit has occurred in an electrical component in its air-conditioning products leading to overheating and, in rare cases, a potential fire hazard.

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- b. There have been no such incidents reported in Europe.
 - c. Nevertheless, as a matter of caution, Hitachi Air Conditioning Europe has undertaken a risk assessment in accordance with recognised guidelines which concludes that the risk is “Low”.
 - d. The risk can be reduced further by inserting an in-line fuse into the fan motor circuit of the affected units and this modification must be made on each affected unit when that unit is subject to service or repair.
 - e. Hitachi has requested the support of the industry service providers in taking the following measures when undertaking a service or repair affected units.

2. Background

- a. The action is only required for certain units of the models specified in the table below manufactured between 2006 & 2012. Hitachi will confirm whether a specific unit requires action by checking its serial number in accordance with the process detailed below.

3. Requirement

- a. When servicing, maintaining or repairing an affected unit the technician is to ensure that an in-line fuse is inserted into the fan motor circuit. The fuses and installation instructions will be supplied by Hitachi free of charge.
- b. Obtaining fuses and insertion instructions:
For “in-warranty” service. If a unit is under warranty and subject to a warranty claim the Hitachi warranty system will alert Hitachi if an in-line fuse needs to be installed. Hitachi will supply you with the fuse and installation instructions together with the spare parts ordered for the warranty repair.
- c. The Hitachi regional office is to be informed (by email or telephone) of the serial number(s) of the unit(s) to be serviced/repared, Hitachi’s contact details are:
E-mail – Aircon.technical@hitachi-eu.com
Telephone – 01628 585393 option 1
The office will check the model(s) and serial number(s) against their database. If one or more units are affected they will supply the appropriate number of fuses and installation instructions.

4. Units and Models affected

Series	Model Name		Series	Model Name
SF Mini	RAS-3SFVNE		SF Mini	RAS-5FSVG
	RAS-4SFVNE		IVX (Series ½)	RAS-4HVRNM1E
				RAS-4HVRNM2E
	RAS-5SFVNE		SE	RAS-4HVRNSE
DC INV	RAS-2HVRNE		HEATING	RHUE3AVHN
	RAS-2.5HVRNE			RHUE4AVHN
	RAS-3HVRNE			RHUE5AVHN
	RAS-4HVRNE			RHUE6AVHN
	RAS-5HVRNE			RHUE3AVHN-HM
				RHUE4AVHN-HM
				RHUE5AVHN-HM
				RHUE6AVHN-HM
				RHUE4AVHN1
				RAS-5HVRNSE
IVX	RAS-3HVRNME		SE	
	RAS-4HVRNME			
	RAS-5HVRNME			RAS-6HVRNSE
	RAS-6HVRNME			
IVX/AF	RAS-3HVRNME-AF		HEATING	RHUE3AVHN1
	RAS-4HVRNME-AF			
	RAS-5HVRNME-AF			
	RAS-6HVRNME-AF			