



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2439	17-Sep-2010	Number 9	Issue date 1-May-2018	30-Apr-2019

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Product designation

ORCA, Model OM170, 9 Vdc battery powered, ionisation smoke alarm

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

ORCA Marketing
123 Main South Road, Sockburn, CHRISTCHURCH, NEW ZEALAND, 8442

Registrant

Eyston Company Limited
B2, 3rd Floor, Fortune Factory Building, 40 Lee Chung Street, CHAI WAN, HONG KONG, CHINA

Producer

Eyston Company Limited
B2, 3rd Floor, Fortune Factory Building, 40 Lee Chung Street, CHAI WAN, HONG KONG, CHINA

Conformance criteria and evaluation

The ORCA, Model OM170, 9 Vdc battery powered, ionisation smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786-1993, 'Smoke alarms' incl. Amdt 1 (April 1995) / Amdt 2 (December 1995) / Amdt 3 (9 November 2001) / Amdt 4 (22 April 2004).

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



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Producer's description

The ORCA, Model OM170, 9 Vdc battery powered, ionisation smoke alarm is an internally powered circular styled smoke alarm, intended for use in residential dwellings (domestic smoke alarm).

This product senses smoke using the Ionisation principle. An inbuilt piezo type sounder provides an audible alarm signal when the smoke alarm senses smoke which exceeds a predetermined level. When the smoke level drops below the alarm level, the sounder is de-energised. It is internally powered from a 9 Vdc battery which is supplied with the alarm. A self test facility is provided by means of a button on the cover of the device. If the button is depressed the alarm signal is emitted.

A circular mounting base is supplied with the product and uses a twist lock action. The base has two holes for mounting to the ceiling using the screws and anchors provided. A mechanical arrangement prevents the alarm from clipping onto the mounting base without the battery installed. It has a diameter of approximately 106mm and a height of 30mm when installed on its mounting base. It is supplied in clamshell type packaging along with its mounting base, battery, screws, anchors and instruction leaflet

Technical specification

The following details are a representative extract of the technical specification for the ORCA, Model OM170, 9 Vdc battery powered, ionisation smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Sensor type:	Ionisation
Internal battery voltage:	9 Vdc
Recommended battery replacement:	Duracell MN1604, Goldpeak 1604P Eveready 216/1222 Energizer 522
Smoke alarm life cycle:	10 years