



Certificate

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Certificate No: C18070B/2

Issue No: 8

Date of issue: 15 November 2011

BSRIA Limited has tested a sample of the product described below in accordance with the test methods contained within *BS EN779:1993/Eurovent 4/5 Filter Test* and have determined the product met requirements of the standard. For further details see page 2 of this certificate

*This certificate supersedes Certificate Number 18070B/2 Issue 6 dated 15 October 2008 due to a change by the Manufacturer of its product identification.

Manufacturer/Agent	Mitsubishi Electric Co Nakatsuawa Works 1-3 Komabacho Nakatsugawa City 508-8666 Japan
Model numbers of product covered by this certificate	LGH15RX5, LGH25RX5, LGH35RX5, LGH50RX5, LGH65RX5, LGH80RX5, LGH100RX5, LGH150RX5, LGH200RX5, GUF50RDH3, GUF100RDH3, GUF50RD3, GUF100RD3, LGF-100GX-E, PZ-15RFM, PZ-25RFM, PZ-35RFM, PZ-50RFM, PZ-65RFM, PZ-80RFM, PZ-100RFM, PZ-100GFM-E AND PZ-107FSP-E
Date of test	15 April to 17 October 2003
Expiry date	15 July 2013
Test Engineer	David Butler

Quality Approved

Dr Arnold Teekaram
Head of Test & Certification

Full details are shown in BSRIA Report Number 18070B/2, available from the client. Renewal of this certificate carried out under BSRIA contract number 52633/1.

This certificate relates to type testing and does not imply BSRIA's endorsement, approval, certification or on-going control of the product(s), either in terms of performance, design, manufacture or materials used. This certificate and the results stated herein relate solely to the sample product(s) tested and to the specific tests undertaken. The certificate will remain valid for the stated period providing no changes are made to the product, production method etc. This certificate is only valid when an electronic copy is also displayed at www.bsria.co.uk/certificates or contact BSRIA Ltd

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DESCRIPTION OF PRODUCT

Yellow synthetic polypropylene filter material constructed as a continuous layer 18mm thick

TEST RESULTS

Test Air Flow Rate (m ³ /s)	0.19-0.38
Final Pressure loss (Pa)	450
Initial atmospheric dust spot efficiency EA (%)	68
Average Synthetic Dust Weight Arrestance (%)	99
Average Atmospheric Dust Spot Efficiency (%)	83
Dust Holding Capacity	186
Nominal Dust Holding Capacity per unit gross face area (g/m ²)	500
Classification	F7 (EU7)

The results indicate the filter tested is classified as being an F7 (EU7).

The requirements for this are that:

The initial atmospheric dust spot efficiency (E_A) is equal to or greater than 20% and < 98%.