



SIRIM QAS INTERNATIONAL SDN. BHD.

(No. Syarikat 199601037981(410334-X))

1, Persiaran Dato' Menteri, Seksyen 2, Peti Surat 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel : 603-5544 6000 Emel : cserviceqas@sirim.my www.sirim-qas.com.my

File No : P5-003530
Licence No : PP075304

Date : 18/12/2025

PANASONIC MANUFACTURING MALAYSIA BERHAD
LOT 9, JALAN PELABUR 23/1
SEKSYEN 23, SHAH ALAM INDUSTRI SITE
40300 SHAH ALAM
SELANGOR, MALAYSIA

Attn : MR. IZRIN KHEIRANY BIN KASDIRIN

Tel No : 603-58915555

Fax No : 603-58915551

Dear Sir/Madam,

Product Certification Licence

Product : ELECTRIC WALL FANS AND REGULATORS

Standard : MS IEC 60335-1 : 2015 MS 1220 : 2010 MS 1597 : PART 2-80 : 2010

With regards to your request for new/renewal/changes of licence(s) under the SIRIM Product Certification Licence scheme, enclosed please find the copy of the licence(s) and the certification report(s) for your safe keeping.

For enquiry, please contact

Officer Name : RAIHAN BINTI SULAIMAN

Contact No : 6017-2759404

Email : raihan@sirim.my

Thank you.

This is a computer generated document. No signature is required.

LESEN PENSIJILAN BARANGAN

Product Certification Licence



SIRIM

SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada
SIRIM QAS International Sdn. Bhd. hereby grants to

PANASONIC MANUFACTURING MALAYSIA BERHAD
LOT 9, JALAN PELABUR 23/1
SEKSYEN 23, SHAH ALAM INDUSTRI SITE
40300 SHAH ALAM
SELANGOR, MALAYSIA



ACB 001

Lesen untuk menggunakan Tanda Pensijilan di atas barangan
a licence to use the Certification Mark on

ELECTRIC WALL FANS AND REGULATORS

Please refer to detail in the SCHEDULE



sebagai mematuhi keperluan
as complying with

MS IEC 60335-1 : 2015
MS 1220 : 2010
MS 1597 : PART 2-80 : 2010



Ts. Md. Adha bin Katni @ Rahmat
Ketua Pegawai Eksekutif
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



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Tarikh Mula Pensijilan : 31 December 1993

Certified Since

Sah Sehingga : 31 December 2026

Valid Until

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Tarikh Dikeluarkan : 18 December 2025

Issue Date

No Siri : 121196

Serial No

SCHEDULE

PANASONIC MANUFACTURING MALAYSIA BERHAD



Trade Mark : Panasonic
Model : F-MU408
Rating : 240V~, 50Hz, 54W, CO-EFFICIENT OF PERFORMANCE (COP): 1.91m³/min/Watt,
STAR RATING = 5
Size : 400mm (16")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019 and EE tested to MS 1220:2010, MS 2574:2014



Trade Mark : KDK
Model : KU308
Rating : 240V~, 50Hz, 38W, CO-EFFICIENT OF PERFORMANCE (COP): 1.18m³/min/Watt,
STAR RATING = 4
Size : 300mm (12")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019 and EE tested to MS 1220:2010, MS 2574:2014



Trade Mark : Panasonic
Model : F-MU453
Rating : 240V~, 50Hz, 60W, CO-EFFICIENT OF PERFORMANCE (COP): 1.51m³/min/Watt,
STAR RATING = 5
Size : 450mm (18")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2010 and EE tested to MS 1220:2010, MS 2574:2014

Trade Mark : KDK
Model : KU453
Rating : 240V~, 50Hz, 60W, CO-EFFICIENT OF PERFORMANCE (COP): 1.51m³/min/Watt,
STAR RATING = 5
Size : 450mm (18")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2010 and EE tested to MS 1220:2010, MS 2574:2014

Trade Mark : Panasonic
Model : F-MU308
Rating : 240V~, 50Hz, 38W, CO-EFFICIENT OF PERFORMANCE (COP): 1.18m³/min/Watt,
STAR RATING = 4
Size : 300mm (12")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019 and EE tested to MS 1220:2010, MS 2574:2014

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PANASONIC MANUFACTURING MALAYSIA BERHAD



Trade Mark : Panasonic
Model : F-MU44R
Rating : 240V~, 50Hz, 59W, CO-EFFICIENT OF PERFORMANCE (COP): 1.43m³/min/Watt,
STAR RATING = 5
Size : 400mm (16")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2010 and EE tested to MS 1220:2010, MS 2574:2014



Trade Mark : KDK
Model : KU50Y
Rating : 240V~, 50Hz, 70W, CO-EFFICIENT OF PERFORMANCE (COP): 1.36m³/min/Watt,
STAR RATING = 5
Size : 500mm (20")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019 and EE tested to MS 1220:2010, MS 2574:2014



Trade Mark : KDK
Model : KU408
Rating : 240V~, 50Hz, 54W, CO-EFFICIENT OF PERFORMANCE (COP): 1.91m³/min/Watt,
STAR RATING = 5
Size : 400mm (16")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019 and EE tested to MS 1220:2010, MS 2574:2014

Trade Mark : KDK
Model : KV408
Rating : 240V~, 50Hz, 54W, CO-EFFICIENT OF PERFORMANCE (COP): 1.82m³/min/Watt,
STAR RATING = 5
Size : 400mm (16")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019 and EE tested to MS 1220:2010, MS 2574:2014

Trade Mark : KDK
Model : KU50G
Rating : 240V~, 50Hz, 70W, CO-EFFICIENT OF PERFORMANCE (COP): 1.36m³/min/Watt,
STAR RATING = 5
Size : 500mm (20")
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019 and EE tested to MS 1220:2010, MS 2574:2014

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SCHEDULE

PANASONIC MANUFACTURING MALAYSIA BERHAD



Trade Mark : KDK
 Model : KC4GR
 Rating : 240V~, 50Hz, 59W, CO-EFFICIENT OF PERFORMANCE (COP): 1.43m³/min/Watt, STAR RATING = 5
 Size : 400mm (16")
 Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2010 and EE tested to MS 1220:2010, MS 2574:2014



Trade Mark : Panasonic
 Model : F-MU405
 Rating : 240V~, 50Hz, 54W, CO-EFFICIENT OF PERFORMANCE (COP): 1.28m³/min/Watt, STAR RATING = 5
 Size : 400mm (16")
 Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019 and EE tested to MS 1220:2010, MS 2574:2014



Trade Mark : PANASONIC
 Model : F-MU50Y
 Rating : 240V~, 50Hz, 70W, CO-EFFICIENT OF PERFORMANCE (COP): 1.36m³/min/Watt, STAR RATING = 5
 Size : 500mm (20")
 Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019 and EE tested to MS 1220:2010, MS 2574:2014

Trade Mark : Panasonic
 Model : F-MU50H
 Rating : 230V~, 50Hz, 78W
 Size : 500mm (20"). MEPS requirement only for size 10" to 16".
 Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019

Trade Mark : KDK
 Model : KU50H-WT
 Rating : 230V~, 50Hz, 78W
 Size : 500mm (20"). MEPS requirement only for size 10" to 16".
 Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019

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SCHEDULE

PANASONIC MANUFACTURING MALAYSIA BERHAD



Trade Mark : KDK
Model : KU50H-DG
Rating : 230V~, 50Hz, 78W
Size : 500mm (20"). MEPS requirement only for size 10" to 16".
Product tested to IEC 60335-1:2010 (5th Edition) + A1:2013 + A2:2016, IEC 60335-2-80:2015 (3rd Edition), MS 1597-2-80:2019

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