



EMC

EN 55014-1

Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 1: Emission

EN 55014-2

Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

EN 61000-4-2

„Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test“

EN 61000-4-4

Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test

EN 61000-4-5

Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test

EN 61000-4-6

Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

EN 61000-4-8

Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test

EN 61000-4-9

Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 9: Pulse magnetic field immunity test.

EN 61000-4-11

Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity test

EN 61000-4-34

Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current more than 16 A per phase

EN 61000-3-2

Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3

Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 61000-3-11

Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection

EN 61000-3-12

Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase

EN 61000-6-3

Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments

EN 55015

Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

EN 55022

Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement



Acoustics

EN ISO 3744

Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane

EN ISO 5136

Acoustics - Determination of sound power radiated into a duct by fans and other air-moving devices - In-duct method

ANSI/AMCA Standard 220-05

Laboratory Methods of Testing Air Curtain Units for Aerodynamic Performance Rating

ISO 27327-2

Fans -- Air curtain units -- Part 2: Laboratory methods of testing for sound power

EN 12102

Air conditioners, liquid chilling packages, heat pumps and dehumidifiers with electrically driven compressors for space heating and cooling - Measurement of airborne noise - Determination of the sound power level

EN 16583

Heat exchangers. Hydronic room fan coils units. Determination of the sound power level



Recovery

EN 308

Heat exchangers - Test procedures for establishing performance of air to air and flue gases heat recovery devices

EN 1216

Heat exchangers. Forced circulation air-cooling and air-heating coils. Test procedures for establishing the performance

EN 1397

Heat exchangers. Hydronic room fan coil units. Test procedures for establishing the performance

AHRI Standard 1060/1061

Performance Rating of Air-to-Air Exchangers for Energy Recovery Ventilation Equipment



Aerodynamics

EN ISO 5167-1

Measurement of liquid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 1: General principles and requirements

EN ISO 5167-2

Measurement of liquid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 2: Orifice plates

EN ISO 5167-3

Measurement of liquid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 3: Nozzles and Venturi nozzles

EN ISO 5801

Industrial fans - Performance testing using standardized airways

ISO 27327-1

Fans -- Air curtain units -- Part 1: Laboratory methods of testing for aerodynamic performance rating



Low Voltage

EN 60335-1

„Household and similar electrical appliances - Safety - Part 1: General requirements“

EN 60335-2-80

Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans



Ventilation

EN 1886

Ventilation for buildings -
Air handling units -
Mechanical performance

EN 13141-11

Ventilation for buildings. Performance testing of components/products for residential ventilation. Supply ventilation units

EN 13141-4

Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 4: Fans used in residential ventilation systems

EN 13053

Ventilation for buildings - Air handling units - Rating and performance for units, components and sections

EN 13141-6

Ventilation for buildings. Performance testing of components/products for residential ventilation. Exhaust ventilation system packages used in a single dwelling

EN 13141-7

Ventilation for buildings. Performance testing of components/products for residential ventilation. Performance testing of a mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for single family dwellings

EN 13141-8

Ventilation for buildings. Performance testing of components/products for residential ventilation. Performance testing of un-ducted mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for a single room