



Šaldymo sistemos ir baldai, įranga parduotuvėms, vėdinimas-kondicionavimas, profesionali virtuvės įranga. Projektavimas, gamyba, tiekimas, instaliavimas, techninis aptarnavimas.

EUROVENT STANDARTAI KONDENSATORIAMS (ANGLŲ KALBA)

1. DEFINITIONS

Forced convection air cooled refrigerant condenser

A refrigeration system component that condenses refrigerant vapour by rejecting heat to air mechanically circulated by fans

Range

Listing of models with some common features

Standard capacity

Total heat flow rejected by the refrigerant at standard temperature conditions

Fan power

Electric power absorbed by the fan motors

Air flow rate

Air flow with dry and clean air

A-weighted sound power level

Sound power generated by the condenser expressed in decibels and weighted in accordance with standardised procedures

Energy ratio

The certified nominal capacity in kW divided by the total certified power input of the fan motors in kW at the standard rating condition.

2. TESTING REQUIREMENTS

Performance characteristics

Standard ratings are verified by tests conducted in accordance with the following standard:

EN 327: Tests procedures for establishing performance of forced convection air cooled refrigerant condensers

Sound power levels are established using one of the following international standards:

ISO 3741: Precision methods for broad-band sources in reverberation rooms

ISO 3744: Engineering methods for free-field conditions over a reflecting plane

ISO 3745: Precision methods for anechoic and semi-anechoic rooms

ISO 9614-1: Determination of sound power levels of noise sources using sound intensity

3. CERTIFIED CHARACTERISTICS

The following characteristics of Forced Convection Air Cooled Refrigerant Condenser are certified:

- Standard capacity
- Fan power input



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- Energy class
- Air flow rate
- A-weighted sound power level
- Surface Area

4. SYMBOLS USED IN THE DIRECTORY

TD	Difference between entering air temperature and condensing temperature	⁰ K
Pc	Nom Nominal capacity (wet conditions)	kW
Pe	Fan motor power input	W
MPS	Main Power Supply	
Lw	Sound power level	dB(A)