



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

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## EUROVENT STANDARTAI ORINIAMS SKYSČIO AUŠINTUVAMS (ANGLŲ KALBA)

### 1. DEFINITIONS

#### **Forced Convection Liquid Coolers**

A refrigeration system component that cools liquid by rejecting heat air mechanically circulated by fans

#### **Range**

Listing of models with some common features

#### **Standard capacity**

Total heat flow rejected by the liquid at standard temperate conditions

#### **Fan power**

Electric power absorbed by the fan motors

#### **Air flow rate**

Air flow with dry and clean air

#### **Pressure drop liquid side**

#### **A- weighted sound power level**

Sound power generated by the dry cooler expressed in decibels and weighted in accordance with standardised procedures.

### 2. TESTING REQUIREMENTS

**Performances characteristics** - Standard ratings are verified by tests conducted in accordance with the following standard:

EN 1048:

Tests procedures for establishing performance of forced convection liquid coolers.

**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 reflecting plane

ISO 4745: Precision method 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 Liquid Coolers are certified:

- Standard capacity
- Fan power
- Air flow rate



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- Liquid side pressure drop
- A-weighted sound power level

#### 4. SYMBOLS USED IN THE DIRECTORY

Pc	Nominal capacity
Pe	Fan motor power input
Dp	Pressure drop
Lw	Sound power level
MPS	Main power supply