

## EVIA Comments on Non-Residential Ventilation Units Scope

5 June 2020

Non-Residential Ventilation Units (NRVU) in the scope of the current Regulation (EU) 1254/2014 are defined as units with an electrically driven appliance equipped with at least one impeller, one motor and a casing and intended to replace utilised air with outdoor air in a building or in part of a building.

A clear differentiation between “ventilation” and “process air” must be given in a revised regulation to avoid unnecessary discussions and different interpretations of this content.

Following the entry into force of Regulation (EU) 1254/2014 a decision tree was developed for clarification purposes as detailed in the Eurovent-EVIA FAQ document. This decision tree when followed provides an intuitive method for determining whether or not a ventilation unit is within the scope of the regulation.

If it is not possible to include the discussion, in its current format, in the text of the forthcoming revision of the regulation, its content should be made available by another means.

As such, EVIA proposes a clear definition for “ventilation” and “process air” applications as follows:

### Article 1: Subject matter and scope

1. This Regulation applies to ventilation units and establishes ecodesign requirements for their placing on the market or putting into service.
2. *This Regulation shall apply to non-residential ventilation units, if:*
  - a) *more than 10% of the nominal ODA flow is needed to balance the extract air flow polluted by the building itself and by the presence of humans and less than 90% of the nominal ODA flow is needed to balance the process air part of the extract air flow.*
3. *This Regulation shall not apply to non-residential ventilation units, if:*
  - a) *more than 90% of the nominal ODA flow is needed to balance the process air part of the extract air flow and less than 10% of the nominal ODA flow is needed to balance the extract air flow polluted by the building itself and by the presence of humans;*
  - b) *the main purpose of the NRVU is recirculation, whereby the ODA flow is lower than 10 % of the nominal extract air flow and the other 90% of SUP air flow is recirculation air.*

### About EVIA

The European Ventilation Industry Association (EVIA)’s mission is to represent the views and interests of the ventilation industry and serve as a platform between all the relevant European stakeholders involved in the ventilation sector, such as decision-makers at the EU level as well as our partners in EU Member States. Our membership is composed of more than 40 member companies and 6 national associations across Europe, realising an annual turnover of over 7 billion euros and employing more than 45,000 people in Europe.

EVIA aims to promote highly energy efficient ventilation applications across Europe, with high consideration for health and comfort aspects. Fresh and good indoor air quality is a critical element of comfort and contributes to keeping people healthy in buildings.