



International  
Standard

**ISO 5222-1**

**Heat recovery ventilators and  
energy recovery ventilators —  
Testing and calculating methods for  
performance factor —**

**Part 1:  
Sensible heating recovery seasonal  
performance factors of heat  
recovery ventilators (HRVs)**

*Ventilateurs récupérateurs de chaleur et ventilateurs  
récupérateurs d'énergie — Méthodes d'essai et de calcul des  
facteurs de performances —*

*Partie 1: Facteurs de performances saisonnières de la  
récupération de chaleur sensible des ventilateurs récupérateurs  
de chaleur (HRV)*

**Second edition  
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## Foreword

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This document was prepared by Technical Committee ISO/TC 86, *Refrigeration and air-conditioning*, Subcommittee SC 6, *Testing and rating of air-conditioners and heat pumps*.

This second edition cancels and replaces the first edition (ISO 5222-1:2023), which has been technically revised. The main changes are as follows:

- terms and definitions have been revised to align with ISO 5222-2 and ISO 5222-3;
- symbols have been revised in accordance with the ISO/IEC Directives, Part 2;
- names of stages have been revised to align with ISO 5222-2 and ISO 5222-3;
- [6.2](#) sensible heating coefficient of energy and [3.3](#) coefficient of energy have been deleted;
- errors in [6.2.3](#) have been corrected;
- a note has been added to [6.2.5](#) for clarification;
- [Figure A.1](#) has been revised to align with ISO 5222-2 and ISO 5222-3.

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