INTERNATIONAL STANDARD

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AMENDMENT 1 2023-11

Heat recovery ventilators and energy recovery ventilators — Method of test for performance —

Part 1:

Development of metrics for evaluation of energy related performance

AMENDMENT 1

Ventilateurs-récupérateurs de chaleur et ventilateurs-récupérateurs d'énergie — Méthode d'essai des performances —

Partie 1: Développement de paramètres pour l'évaluation des performances énergétiques

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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*.

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Part 1:

Development of metrics for evaluation of energy related performance

AMENDMENT 1

3.6

Replace Note 1 to entry with the following:

Note 1 to entry: Indicated in Figure 1 as key 3.

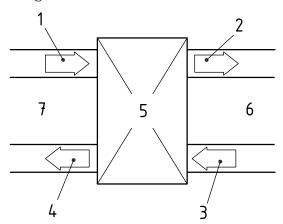
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Replace Note 1 to entry with the following: ______ards.iteh.ai

Note 1 to entry: Indicated in Figure 1 as key 1.

Figure 1 ISO 16494-1:2022/Amd 1:2023

Replace Figure 1 with the following:



Key

- 1 entering supply air (OA) and/or station 1
- 2 leaving supply air (SA) and/or station 2
- 3 entering exhaust air (RA) and/or station 3
- 4 leaving exhaust air (EA) and/or station 4
- 5 ventilator
- 6 indoor side
- 7 outdoor side

Figure 1 — Schematic numbering of airflows for heat and energy recovery ventilators

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3.14

Replace Note 1 to entry with the following:

Note 1 to entry: Indicated in Figure 1 as key 4.

3.15

Replace Note 1 to entry with the following:

Note 1 to entry: Indicated in Figure 1 as key 2.

3.26

Replace Note 1 to entry with the following:

Note 1 to entry: Indicated in Figure 1 as keys 1, 2, 3 and 4.

8.2, Table 1

Replace Table 1 with the following:

Table 1 — Conditions of test for coefficient of energy and effective work test (cooling)

Parameter		OCUME Standard test conditions				
		T1	T2	Т3	T4	Т8
Temperature of entering supply air (°C)	dry bulb	ISO	0 16494-1:202	2/Amd 352023		
	wet bulb	andaı23/sist/()bde7324-bce8-	4383- 31 49-cb3	0fd4a 24 36/iso	-16494 24 -2022-
Temperature of entering exhaust air (°C)	dry bulb	21	24	27	27	25
	wet bulb	15	17	20	19	18

NOTE 1 Allowable variation of readings are given in Table F.2.

NOTE 2 T8 is new condition.

Annex A, Figure A.1

Replace Figure A.1 with the following: