

DRAFT AMENDMENT ISO 5151:2017/DAM 1

ISO/TC 86/SC 6

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Non-ducted air conditioners and heat pumps — Testing and rating for performance

AMENDMENT 1

Climatiseurs et pompes à chaleur non raccordés — Essais et détermination des caractéristiques de performance

AMENDEMENT 1

ICS: 23.120; 27.080

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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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Non-ducted air conditioners and heat pumps — Testing and rating for performance

AMENDMENT 1

Page 44, D.2.3

Change Table D.1 to the following

Table D.1 — Variations allowed during steady-state cooling and heating capacity tests that only apply when using the indoor air enthalpy method

Reading	Variation of arithmetical mean values from specified test conditions		Variation of individual readings from specified test conditions	
	£100 Pa	>100 Pa	£100 Pa	>100 Pa
External static pressure (ESP)	±5 Pa	±5 %	±10 Pa	±10 %

Page 15, 8.3.1

Change [Table 15](#) to the following

Table 15 — Data to be recorded during the indoor air enthalpy capacity tests

No.	Data
1	Date
2	Observers
3	Barometric pressure, in kPa
4	Time of test
5	Power input to equipment ^a , in W
6	Energy input to equipment ^b , in Wh
7	Applied voltage(s), in V
8	Current, in A
9	Frequency, in Hz
10	External resistance to airflow, in Pa
11	Fan speed settings, indoor and outdoor
12	Setting of variable capacity compressor at full load
13	Dry-bulb temperature of air entering equipment, in °C
14	Wet-bulb temperature of air entering equipment, in °C
15	Dry-bulb temperature of air leaving equipment, in °C
16	Wet-bulb temperature of air leaving equipment, in °C
17	Outdoor dry-bulb and wet-bulb temperatures, in °C
18	Volume flow rate of air and all relevant measurements for its calculation, in m ³ /s
19	Refrigerant charge added by the test house, in kg
20	Factory charge, in kg
^a	Total power input and, where required, input to equipment components.
^b	Energy input to equipment is required only during defrost operations.