

SCHEDULE 3

Regulations 7(2), 8(2) and 12(b)

ENERGY EFFICIENCY CLASSIFICATION

1. The energy efficiency class of a regulated household air conditioner shall be determined in accordance with the following tables. The energy efficiency ratio (EER) shall be determined in accordance with the test procedures of the harmonised standards at conditions T1 'moderate'.

(1) Air-cooled air conditioners

Table 1

(a) split and multi-split appliances

<i>Energy efficiency class</i>	<i>Energy efficiency ratio</i>
A	$3.20 < \text{EER}$
B	$3.20 \geq \text{EER} > 3.00$
C	$3.00 \geq \text{EER} > 2.80$
D	$2.80 \geq \text{EER} > 2.60$
E	$2.60 \geq \text{EER} > 2.40$
F	$2.40 \geq \text{EER} > 2.20$
G	$2.20 \geq \text{EER}$

(b) packaged 'double ducts' units*

<i>Energy efficiency class</i>	<i>Energy efficiency ratio</i>
A	$3.00 < \text{EER}$
B	$3.00 \geq \text{EER} > 2.80$
C	$2.80 \geq \text{EER} > 2.60$
D	$2.60 \geq \text{EER} > 2.40$
E	$2.40 \geq \text{EER} > 2.20$
F	$2.20 \geq \text{EER} > 2.00$
G	$2.00 \geq \text{EER}$

* Packaged 'double ducts' units, defined as 'Air conditioner completely enclosed inside the conditioned space, with the condenser air intake and discharge connected to the outside by means of two ducts', will be classified according to Table 1(b) with a correction factor of -0.4.

(c) single duct units

<i>Energy efficiency class</i>	<i>Energy efficiency ratio</i>
A	$2.60 < \text{EER}$
B	$2.60 \geq \text{EER} > 2.40$
C	$2.40 \geq \text{EER} > 2.20$
D	$2.20 \geq \text{EER} > 2.00$
E	$2.00 \geq \text{EER} > 1.80$
F	$1.80 \geq \text{EER} > 1.60$

Status: This is the original version (as it was originally made).

<i>Energy efficiency class</i>	<i>Energy efficiency ratio</i>
G	$1.60 \geq \text{EER}$

(2) Water-cooled air conditioners

Table 2

(a) split and multi-split appliances

<i>Energy efficiency class</i>	<i>Energy efficiency ratio</i>
A	$3.60 < \text{EER}$
B	$3.60 \geq \text{EER} > 3.30$
C	$3.30 \geq \text{EER} > 3.10$
D	$3.10 \geq \text{EER} > 2.80$
E	$2.80 \geq \text{EER} > 2.50$
F	$2.50 \geq \text{EER} > 2.20$
G	$2.20 \geq \text{EER}$

(b) packaged appliances

<i>Energy efficiency class</i>	<i>Energy efficiency ratio</i>
A	$4.40 < \text{EER}$
B	$4.40 \geq \text{EER} > 4.10$
C	$4.10 \geq \text{EER} > 3.80$
D	$3.80 \geq \text{EER} > 3.50$
E	$3.50 \geq \text{EER} > 3.20$
F	$3.20 \geq \text{EER} > 2.90$
G	$2.90 \geq \text{EER}$

2. The heating mode energy efficiency class shall be determined in accordance with the following Tables, where COP (coefficient of performance) is determined in accordance with the test procedures of the harmonised standards at conditions T1 + 7C.

(1) Air-cooled air conditioners – heating mode

Table 3

(a) split and multi-split appliances

<i>Energy efficiency class</i>	<i>Coefficient of performance</i>
A	$3.60 < \text{COP}$
B	$3.60 \geq \text{COP} > 3.40$
C	$3.40 \geq \text{COP} > 3.20$
D	$3.20 \geq \text{COP} > 2.80$
E	$2.80 \geq \text{COP} > 2.60$

<i>Energy efficiency class</i>	<i>Coefficient of performance</i>
F	$2.60 \geq \text{COP} > 2.40$
G	$2.40 \geq \text{COP}$

(b) Packaged 'double ducts' units*

<i>Energy efficiency class</i>	<i>Coefficient of performance</i>
A	$3.40 < \text{COP}$
B	$3.40 \geq \text{COP} > 3.20$
C	$3.20 \geq \text{COP} > 3.00$
D	$3.00 \geq \text{COP} > 2.60$
E	$2.60 \geq \text{COP} > 2.40$
F	$2.40 \geq \text{COP} > 2.20$
G	$2.20 \geq \text{COP}$

* Packaged 'double ducts' units, defined as 'Air conditioner completely enclosed inside the conditioned space, with the condenser air intake and discharge connected to the outside by means of two ducts', will be classified according to Table 3(b) with a correction factor of -0.4.

(c) single duct units

<i>Energy efficiency class</i>	<i>Coefficient of performance</i>
A	$3.00 < \text{COP}$
B	$3.00 \geq \text{COP} > 2.80$
C	$2.80 \geq \text{COP} > 2.60$
D	$2.60 \geq \text{COP} > 2.40$
E	$2.40 \geq \text{COP} > 2.10$
F	$2.10 \geq \text{COP} > 1.80$
G	$1.80 \geq \text{COP}$

(2) Water-cooled air conditioners - heating mode

Table 4

(a) split and multi-split appliances

<i>Energy efficiency class</i>	<i>Coefficient of performance</i>
A	$4.00 < \text{COP}$
B	$4.00 \geq \text{COP} > 3.70$
C	$3.70 \geq \text{COP} > 3.40$
D	$3.40 \geq \text{COP} > 3.10$
E	$3.10 \geq \text{COP} > 2.80$
F	$2.80 \geq \text{COP} > 2.50$
G	$2.50 \geq \text{COP}$

Status: This is the original version (as it was originally made).

(b) packaged appliances

<i>Energy efficiency class</i>	<i>Energy efficiency ratio</i>
A	$4.70 < \text{COP}$
B	$4.70 \geq \text{COP} > 4.40$
C	$4.40 \geq \text{COP} > 4.10$
D	$4.10 \geq \text{COP} > 3.80$
E	$3.80 \geq \text{COP} > 3.50$
F	$3.50 \geq \text{COP} > 3.20$
G	$3.20 \geq \text{COP}$