

SCHEDULE 3

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

Energy Efficiency Classification

1. The energy efficiency class of a regulated appliance 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 standard at conditions T1 “moderate”.

Table 1 Air-cooled air conditioners

Table 1.1

<i>Energy Efficiency class</i>	<i>Split and multi-split appliances</i>
A	3.20<EER
B	3.20≥EER>3.00
C	3.00≥EER>2.80
D	2.80≥EER>2.60
E	2.60≥EER>2.40
F	2.40≥EER>2.20
G	2.20≥EER

Table 1.2

<i>Energy Efficiency class</i>	<i>Packaged⁽¹⁾</i>
A	3.00<EER
B	3.00≥EER>2.80
C	2.80≥EER>2.60
D	2.60≥EER>2.40
E	2.40≥EER>2.20
F	2.20≥EER>2.00
G	2.00≥EER

⁽¹⁾ Packaged “double ducts” units (known commercially as ‘double ducts’) defined as ‘Air conditioner completely positioned inside the conditioned space, with the condenser air intake and air discharge connected to the outside by means of two ducts’, will be classified according to Table 1.2 with a correction factor of -0.4.

Table 1.3

<i>Energy Efficiency class</i>	<i>Single-duct</i>
A	2.60<EER
B	2.60≥EER>2.40
C	2.40≥EER>2.20

Changes to legislation: There are currently no known outstanding effects for the The Energy Information (Household Air Conditioners) (No. 2) Regulations 2005, SCHEDULE 3. (See end of Document for details)

D	$2.20 \geq \text{EER} > 2.00$
E	$2.00 \geq \text{EER} > 1.80$
F	$1.80 \geq \text{EER} > 1.60$
G	$1.60 \geq \text{EER}$

Table 2—Water-cooled air conditioners

Table 2.1

<i>Energy Efficiency class</i>	<i>Split and multi-split appliances</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	$2.20 \geq \text{EER}$

Table 2.2

<i>Energy Efficiency class</i>	<i>Packaged</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 is then determined in accordance with the following tables: where COP (co-efficiency of performance) is determined in accordance with the test procedures of the harmonised standard at conditions T1 +7C.

Table 3—Air-cooled air conditioners—heating mode

Table 3.1

<i>Energy Efficiency class</i>	<i>Split and multi-split appliances</i>
A	$3.60 < \text{COP}$
B	$3.60 \geq \text{COP} > 3.40$
C	$3.40 \geq \text{COP} > 3.20$
D	$3.20 \geq \text{COP} > 2.80$

Changes to legislation: There are currently no known outstanding effects for the The Energy Information (Household Air Conditioners) (No. 2) Regulations 2005, SCHEDULE 3. (See end of Document for details)

E	$2.80 \geq \text{COP} > 2.60$
F	$2.60 \geq \text{COP} > 2.40$
G	$2.40 \geq \text{COP}$

Table 3.2

<i>Energy Efficiency class</i>	<i>Packaged suplpair;¹⁾</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	$2.20 \geq \text{COP}$

⁽¹⁾ Packaged “double ducts” units (known commercially as ‘double ducts’) defined as ‘Air conditioner completely positioned inside the conditioned space, with the condenser air intake and air discharge connected to the outside by means of two ducts’, will be classified according to Table 3.2 with a correction factor of –0.4.

Table 3.3

<i>Energy Efficiency class</i>	<i>Single-duct</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	$1.80 \geq \text{COP}$

Table 4—Water-cooled air conditioners—heating mode

Table 4.1

<i>Energy Efficiency class</i>	<i>Split appliances</i>
A	$4.00 < \text{COP}$
B	$4.00 \geq \text{COP} > 3.70$
C	$3.70 \geq \text{COP} > 3.40$
D	$3.40 \geq \text{COP} > 3.10$

Changes to legislation: There are currently no known outstanding effects for the The Energy Information (Household Air Conditioners) (No. 2) Regulations 2005, SCHEDULE 3. (See end of Document for details)

E	$3.10 \geq \text{COP} > 2.80$
F	$2.80 \geq \text{COP} > 2.50$
G	$2.50 \geq \text{COP}$

Table 4.2

<i>Energy Efficiency class</i>	<i>Packaged</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	$3.20 \geq \text{COP}$

Changes to legislation:

There are currently no known outstanding effects for the The Energy Information (Household Air Conditioners) (No. 2) Regulations 2005, SCHEDULE 3.