

تعميم

اعتباراً من يوم الخميس الموافق 2016/06/09 م، على جميع المستوردين/المخلصين عند الرغبة باستيراد شحنات أجهزة تكييف خاضعة لقرار وزارة الصناعة والتجارة رقم 70 لسنة 2015 بشأن اعتماد لائحة بطاقة كفاءة الطاقة لأجهزة التكييف، والذي بدأ تطبيقه منذ 21 فبراير 2016م، تقديم طلب الترخيص قبل تسجيل البيان الجمركي (LICENSE) عن طريق نظام أفق مرفقاً بنسخ من المستندات أدناه، وللمزيد من المعلومات حول المنتجات المشمولة بهذا القرار، يرجى الاطلاع على المرفقات.

It is notified to all local vendors/clearing agents that AC regulation (Energy Labeling & MEPS for Air Conditioners – Ministry of Industry & Commerce Order no. 70/2015) has been enforced since 21st February 2016 for import of AC units (up to 70000 BTU/hr. cooling capacity). Effective Thursday, June 9th, 2016, all vendors/clearing agents must apply through customs OFOQ system before placing the order / importing them to Bahrain. Following documents are required to be uploaded through OFOQ. Please refer to attached documents for details of products included in the regulation.

1. If the AC unit / model was already registered with Electricity & Water Authority, Kingdom of Bahrain (EWA):

- Valid Certificate of Product Registration issued by EWA for the AC unit

2. If the AC unit / model was not previously registered with Electricity & Water Authority, Kingdom of Bahrain (EWA):

Following documents must be uploaded through OFOQ for registration:

- Registration Form complete in all respect. Last page to be signed & stamped
- Authorization letter from the manufacturer / regional distributor.
- Details of AC unit / model in excel format
- AC unit catalogue, data sheet, brochure etc.

- Performance test certificate (GSO ISO 5151 or GSO ISO 13253 as applicable) issued by either in-house test lab / third party test lab. The in-house test lab should be ISO 17025 accredited & accreditation authority should be ILAC member. Third party test lab should be ISO 17025 accredited & ILAC member.
- Star label indicating rated cooling capacity (Btu/h), rated annual consumption & tested EER in three decimal digits at T1 test conditions with other required details
- Valid Commercial Registration Certificate (CR).

علماً بأن رمز هيئة الكهرباء والماء (EWA) على نظام أفق هو 4500

للاستفسار حول برنامج أفق:

الاتصال بالفريق الوطني (أفق) 17359742–17359829

أو البريد الإلكتروني: ofogsupport@customs.gov.bh

للاستفسار حول تسجيل المنتجات لدى هيئة الكهرباء والماء:

الاتصال بقسم ترشيد الكهرباء: 17991472–17991462

أو البريد الإلكتروني: ECS@ewa.bh

Air-Conditioners HS Codes under control

1	84 15 10 00	- من النوع المعد للنوافذ أو الجدران ، مؤلفة جسماً واحداً أو منفصلاً	- Window or wall types, self contained
2	84 15 81 90	- - - غيرها	- - - Other
3	84 15 82 90	- - - غيرها	- - - Other

Following type & capacities of AC units up to 70,000 BTU (5.83Tons) are covered under regulation:

- Single package window units
- Air cooled non-ducted split units
- Air cooled ducted split units
- Air cooled heat pumps

Indicative pictures are given below:

Window AC unit



Split AC units

a. Outdoor units



b. **Indoor split units** (One of this indoor unit type is integrated with outdoor unit above.)



Outdoor / roof top package units



Ducted units



Following type & capacities of AC units are not covered under AC regulation:

- **Capacities higher than 70000 BTU (5.83 Tons)**
- **Multi-split systems**
- **Water Cooled units / systems**
- **Mobile Units**

طلب تسجيل منتج - لائحة كفاءة الطاقة لأجهزة التكييف
Application for Registration of Air-Conditioners for Energy Labeling & MEPS

(Under "Regulation on Energy Labelling and Minimum Energy Performance requirements for Air-conditioners" Order No. 70 of Year 2015)

I hereby apply for registration of an electrical appliance/s for the purpose of energy labeling. (Please attach AC unit / model details in prescribes excel format.)

PART 1 APPLICANT INFORMATION

Applicant Name :

Company Name :

Company Address :

P.O.Box : Post Code:

Contact Person: (Name and Address in Kingdom of Bahrain)

Job Title:

Phone : Fax : Electronic Mail :

Supplier or Vendor in Kingdom of Bahrain:

No.	Supplier or Vendor Name	Contact Address (Mail Address, Phone, Fax, Electronic Mail)	License Number or Commercial Licenses (related to import and sale of goods in the Kingdom.

Part 2 DESCRIPTION OF THE APPLIANCE			
Model Name (<i>if available</i>)			
Model Number or Family Number:			
Model Number: (on indoor unit for split systems)			
Model Number on Outdoor Unit: (split systems only)			
Other Model Numbers to be included under this registration:			
Country of Manufacture:			
Year in which model first available in Kingdom of Bahrain:			
Model Number(s) to appear on the Energy Label:			
<p>Date of manufacture traceability (of package unit or indoor unit if split system):</p> <p>Is the date of manufacture permanently marked on the rating plate in a non-encrypted format?</p> <p>If yes, provide an example of the date format.</p> <p>If no, provide details on how to determine (from the serial number or other permanent markings for this model)</p>	<p>Yes</p> <p>Date format:</p>	<p>No Provide details:</p>	
<p>'Date of manufacture traceability (of outdoor unit if split system):</p> <p>Is the date of manufacture permanently marked on the rating plate in a non-encrypted format?</p> <p>If yes, provide an example of the date format.</p> <p>If no, provide details on how to be determined (from the serial number or other permanent markings for this model)</p>	<p>Yes</p> <p>Date format:</p>	<p>No Provide details:</p>	
<p>Does this model or family replace or supplement another model or family with identical energy consumption and energy efficiency rating?</p> <p>(<i>indicate correct answer</i>)</p>	<p>Yes</p>	<p>No</p>	
If yes, indicate relevant details:	Model name	Model number	Registration number
<p>Information about the components used in the manufacturing:</p> <p>There must be complementary documents for the</p>	<p>1- Compressor</p> <p>Country of origin:.....</p> <p>Name of Manufacturer or trading mark:</p> <p>Compressor model number:</p>		

materials used in the Manufacturing including drawings and figures and technical specifications and product model accreditation (if any) for each of the components mentioned here.	Compressor type:
	2- Fan Country of origin:..... Name of Manufacturer or trading mark: Fan Model number: Fan type:
	3- Heat Exchanger Volume and description of the heat exchanger:....

Part 3 TESTING AND TEST REPORT			
Test Laboratory Type: (put (√) inside the appropriate box)	<input type="checkbox"/> Own 'in-house' laboratory: <input type="checkbox"/> Independent laboratory:		
Test Laboratory Name:			
Test Laboratory Address:			
Test Laboratory Accreditation:			
Test Standard Used:	<input type="checkbox"/> The standard mentioned in 2.1 <input type="checkbox"/> The standard mentioned in 2.2 Other— (please specify)		
Does this air conditioner have separate indoor and outdoor units	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Serial number of test units/s and date tested:	SERIAL NUMBER Unitary unit or indoor unit if split system	SERIAL NUMBER Outdoor unit if split system	Test date
Rated voltage and frequency of tested unit	Package unit	Unitary unit or indoor unit if split system	Outdoor unit if split system
	Rated voltage or Rated voltage range (V)		
	Rated frequency (Hz)		
Tested voltage and frequency of tested unit		Unitary unit or indoor unit if split system	Outdoor unit if split system
	Tested voltage (V)		
	Test frequency (Hz)		

Part 4 SPECIFIC APPLIANCE DETAILS			
Air-conditioner dimensions (Advisory only): <i>(for split systems note only dimensions of the internal unit)</i>	Width (mm):	Height (mm):	Depth (mm):
Air-conditioner type:	<input type="checkbox"/> Cooling only <input type="checkbox"/> Reverse cycle <input type="checkbox"/> Heating only <input type="checkbox"/> Other <i>(please specify)</i>		
Power supply:	<input type="checkbox"/> Single-phase <input type="checkbox"/> Three-phase		
Rated Voltage (V):			
Rated Frequency (Hz):			
Refrigerant Type:	<input type="checkbox"/> R22, <input type="checkbox"/> Other <i>(please specify)</i>		
A/C Configuration 1—Air Distribution	<input type="checkbox"/> Ducted <input type="checkbox"/> Non ducted		
A/C Configuration 2—Type	<input type="checkbox"/> Window/Wall, <input type="checkbox"/> Spot cooler, <input type="checkbox"/> Portable cooler, <input type="checkbox"/> Single split system <input type="checkbox"/> Double/triple split system, <input type="checkbox"/> Multiple split system, <input type="checkbox"/> Packaged		
Does this air-conditioner use a variable speed drive?	<input type="checkbox"/> Yes <input type="checkbox"/> No		

Part 5 TEST RESULTS

TEST RESULTS—COOLING—CONDITION T1

COOLING POWER	Rated Effective Power Input (kW)*	
	Tested Cooling Power Input (kW)**	
COOLING CAPACITY	Rated Total Cooling Capacity (Btu)*	
	Tested Total Cooling Capacity (Btu)**	
EER (Btu/h)/W	Rated EER **	
	Tested EER **	
The star rating according to clause 7 of this regulation.		

* To 2 decimal places

** To 3 decimal places

TEST RESULTS—COOLING—CONDITION T3

COOLING POWER	Rated Effective Power Input (kW)*	
	Tested Cooling Power Input (kW)**	
COOLING CAPACITY	Rated Total Cooling Capacity (kW)*	
	Tested Total Cooling Capacity (kW)**	
EER (Btu/h)/W	Rated EER **	
	Tested EER **	
The class rating according to clause 7 of this regulation.		

* To 2 decimal places

** To 3 decimal places

TEST RESULTS - HEATING		
Does this model incorporate electric resistance heating?		<input type="checkbox"/> Yes <input type="checkbox"/> No
HEATING POWER	Rated Effective Power Input (kW)*	
	Tested Heating Power Input (kW)**	
HEATING CAPACITY	Rated Total Heating Capacity (kW)*	
	Tested Heating Capacity (kW)**	
COP (w/w)	Rated COP **	
	Tested COP **	

* To 2 decimal places

** To 3 decimal places

DECLARATION

I declare that the details stated above are correct.

Signature of Applicant: Date:

Office use only

Date received: Registration number:

Details of AC models for registration

{Under “Regulation on Energy Labelling & Minimum Energy Performance Requirements (MEPS) for Air-Conditioner”, Order No. 20 of Year 2015”}

Sl. No.	AC Unit / Model details	Model 1	Model 2	Model 3	Model 4	Model 5
1	Type of AC Unit (Window / Split / Other)					
2	Nominal Cooling Capacity (Ton)					
3	Tested Cooling Capacity in (BTU/hr.)					
4	Tested Input Power (Watt)					
5	Tested current (Amp.)					
6	EER (Energy Efficiency Ratio) - {(Tested BTU/hr.)/ (Tested Input Watt)}					
7	Test Conditions (T1 or T3)					
8	Mode of Operation (Cooling only / Heating & Cooling)					
9	Brand					
10	Model details (Window Unit / Indoor Unit)					
11	Model details (Outdoor Unit)					
12	Manufacturer Name					
13	Country of Manufacture					
14	Year of Manufacture					
15	Refrigerant used					
16	Expected quantity of import per year					
17	Estimated annual energy consumption at rated power (Refer Clause 3.7 of regulations)					
18	Nominal Heating Capacity in Watt					
19	Coefficient of Performance (COP in W/W, applicable to heating unit only.)					
20	Nominal Power for Heating in Watt					
21	Test voltage / voltage range					
22	Test frequency					
23	Mass of refrigerant					
24	Compressor Type					
25	Compressor Model No.					
26	Manufacturer Name (Compr.)					
27	Country of Origin (Compr.)					
28	Confirm meeting MEPS (EER) the AC unit as per regulation.					
29	Approved label on AC unit (yes/No.)					
30	Test certificate attached (Yes/No.)					
31	Test Laboratory					
32	Test laboratory accreditation authority					