

Gaxiola Montoya Rodrigo Alejandro (8) 71MT1

Cálculo de Potencias eléctricas

Tarea

Cálculos

Aparato eléctrico Especificaciones

①



Licuadora

Características
eléctricas

120 V ~ 600 W
60 Hz

$$I = \frac{P}{V} = \frac{600 \text{ W}}{120 \text{ V}} = 5 \text{ Amp.}$$

$$P = (120 \text{ V})(5 \text{ amp.}) = 600 \text{ W}$$

②



Bomba de
Agua

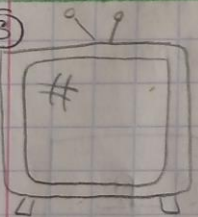
✓ 1/2 HP
✓ 127 V / 60 Hz
✓ 5 Amp

$$P = \frac{1}{2} (746 \text{ watts}) =$$

$$P = \frac{746}{2} = 376 \text{ W}$$

$$P = 376 \text{ W}$$

③



T.V.

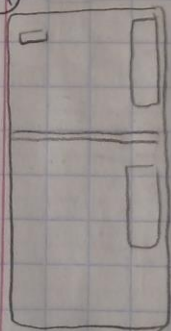
120 V ~ 60 Hz
110 W

$$I = \frac{110 \text{ W}}{120 \text{ V}} = 0.9166 \text{ Amp.}$$

$$P = (120 \text{ V})(0.9166 \text{ Amp.}) =$$

$$P = 109.992 \text{ W}$$

④



Refrigerador.

120 V ~ 60 Hz

Consumo por
año: 560 KWh

$$I = \frac{560,000 \text{ W}}{120 \text{ V}} = 4,666.666 \text{ mA.}$$

$$4.666 \text{ A}$$

$$P = (120 \text{ V})(4.666 \text{ A}) =$$

$$559.999 \text{ W.}$$

$$560 \text{ KW} \left(\frac{1000 \text{ W}}{\text{KW}} \right) = 560,000 \text{ W}$$

Gaxiola Montoya Rodrigo Alejandro
 Cálculo de potencias eléctricas

7IMT1

Tarea.

5



Licuada

Características
 eléctricas

60 Hz 120v

450w

$$I = \frac{450w}{120v} = 3.75 \text{ Amp}$$

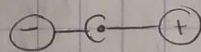
$$P = (120v)(3.75A) = 450w$$

6



Modem Wifi

12v ==, 2.0A



$$P = (12v)(2.0A) = 24w$$

7



LAPTOP

20V ==, 2.25A

$$P = (20v)(2.25A) = 45w$$

8



Impresora

110 - 127 ~AC

50/60Hz

3.5 A

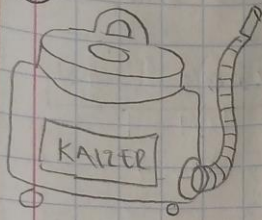
$$P = (127v)(3.5A) = 444.5w$$

$$P = (110v)(3.5A) = 385w$$

Gaxiola Mantoya Rodrigo Alejandro
Cálculo de potencias eléctricas

71MT1
Tarea.

9



Características técnicas

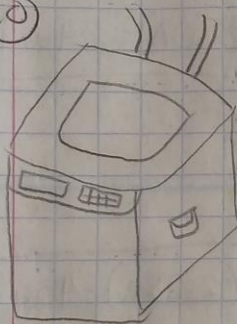
120V ~ 60Hz
7.6A
870Wh

$$P = (120V)(7.6A)$$

$$P = 912W$$

Aspiradora

10



127V ~ 60Hz
700W

$$I = \frac{700W}{127V} = 5.5118110A$$

$$P = (127V)(5.5118110A) =$$

$$P = 700W$$

Lavadora
(Centro de lavado)

11



19V =

3.42A

$$P = (19V)(3.42A) =$$

$$P = 64.98W$$

P.C

Gaxiola Montoya Rodrigo Alejandro
Cálculo de potencias eléctricas

71MT1

Tarea.

12



Calentador (eléctrico)

Características eléctricas

120 V · 60 Hz

1500 W

AC only

$$I = \frac{1500 \text{ W}}{120 \text{ V}} = 12.5 \text{ A}$$

$$P = (120 \text{ V})(12.5 \text{ A})$$

$$P = 1500 \text{ W}$$

13



Estéreo

$$110 \text{ V} - 127 \text{ V} \sim / 220 \text{ V} - 240 \text{ V} \quad I = \frac{50 \text{ W}}{127 \text{ V}} = 0.3937 \text{ A}$$

50/60 Hz 50 W

$$P = (127 \text{ V})(0.3937 \text{ A})$$

$$P = 50 \text{ W}$$

14



Impresora

40 W Min.

$$+32 \text{ V} \Rightarrow 940 \text{ mA}$$

$$\checkmark +16 \text{ V} \Rightarrow 625 \text{ mA}$$

$$625 \text{ mA} \left(\frac{0.001 \text{ A}}{\text{mA}} \right) = 0.625 \text{ A}$$

$$P = (16 \text{ V})(0.625 \text{ A}) = 10 \text{ W}$$

$$P = 10 \text{ W}$$

15



T.V.

120 V ~ 60 Hz

50 W

$$I = \frac{50 \text{ W}}{120 \text{ V}} = 0.4166 \text{ Amp.}$$

$$P = (120 \text{ V})(0.4166 \text{ Amp.})$$

$$P = 50 \text{ W}$$

Gaxiola Montoya Rodrigo Alejandro
Cálculo de potencias eléctricas

FIMT1

Tarea.

$$\text{Potencia Total } 100\% = \sum \text{Todas las potencias de los 15 electrodomésticos.}$$

- | | | |
|-----|---|--------|
| 1. | → | 600 w |
| 2. | → | 376 w |
| 3. | → | 110 w |
| 4. | → | 560 w |
| 5. | → | 450 w |
| 6. | → | 24 w |
| 7. | → | 48 w |
| 8. | → | 385 w |
| 9. | → | 912 w |
| 10. | → | 700 w |
| 11. | → | 65 w |
| 12. | → | 1500 w |
| 13. | → | 50 w |
| 14. | → | 10 w |
| 15. | → | 50 w |

+ { 5837 w

En total se consumen
5837 watts

Hisense LED LCD TV

FCC ID: 3A9LECC668

Contains FCC ID: PFG-WGBM511R12

The device and enclosed comply with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



DECLARATION OF CONFORMITY
I, the undersigned, declare that the
above equipment complies with the
FCC Rules, Part 15, Subpart B, and
that the equipment does not
contain any prohibited substances.

NOM



Serial NO.
(Número de serie)

Manufactured
Date (Fecha de
Fabricación)

HISENSE ELECTRIC CO., LTD.
218 QIANWANGANG RD ECONOMIC &
DEVELOPMENT ZONE QINGDAO CHINA

S/N: 43G16532BH00997



MAR 01 2017

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
DANGER DE CHOC ELECTRIQUE - NE PAS OUVRIR

Authorized in Mexico
(Autorizado en México)

DAEWOO
ELECTRONICS

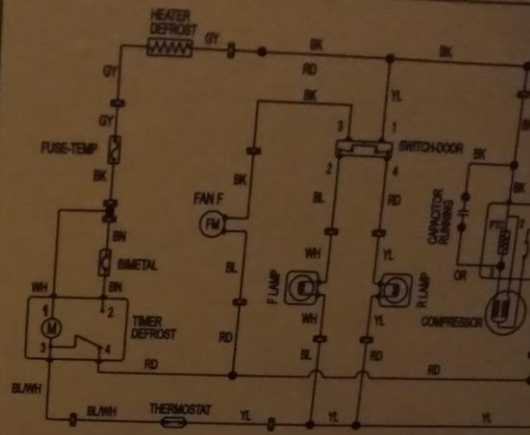


Refrigerator/Refrigerador

MODELS MODELOS	DFR-N141D	DFR-N161D
	DFR-N142D	DFR-N162D
	DFR-N143D	DFR-N163D
	DFR-1470D	DFR-1670D
	DFR-1420D	DFR-1620D
VOLTAGE/TENSION	127V~	127V~
FREQUENCY/FRECUENCIA	60 Hz	60 Hz
REFRIGERANT/REFRIGERANTE	R-134a	R-134a
GAS CHARGE/GAS CARGADO	100g	100g
WEIGHT/PESO NETO	71 kg	77,4 kg
CURRENT/CORRIENTE	1,2 A	1,2 A
NOM-1176-ANCE MR		

HECHO EN MEXICO

WIRING DIAGRAM/DIAGRAMA

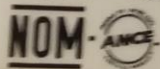


1.-BK=BLACK (NEGRO)
2.-BL=BLUE (AZUL)
3.-OR=ORANGE (NARANJA)

4.-WH=WHITE (BLANCO)
5.-RD=RED (ROJO)
6.-GY=GRAY (GRIS)

IMPORTADOR:
SUNBEAM MEXICANA, S.A. DE C.V.
LICUADORA OSTER®
MODELO: BLSTMG-K15-013
CARACTERÍSTICAS ELÉCTRICAS
60 Hz 120 V~ 450 W

Hecho en México



PN:116126-065

CAUTION: READ INSTRUCTIONS BEFORE
USING FOR HOUSEHOLD USE ONLY.
ATTENTION: LIRE LES INSTRUCTIONS AVANT L'UTILISATION
POUR L'USAGE DOMESTIQUE SEULEMENT.

Assembled in Mexico
Assemblé au Mexique

MODEL

Oster

IMPORTADOR:

NOM 004 ANCE

SUNBEAM MEXICANA, S.A. DE C.V.
LICUADORA REVERSIBLE OSTER®

MODELOS BRLY07-Z00-013

CARACTERÍSTICAS ELÉCTRICAS

120 V ~ 600 W 60 Hz P.N. 116126-112



SC2552A 3450
1 27-220
15-3/4" 0 60
90 56
17 0 9 0 F92

ARRIS®

Model: TG2482A

P/N: TG02DA724824MP2

12V $\overline{\text{---}}$ 2.0A --- --- ---

This class B device complies with Part 15 of the FCC rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference,
(2) this device must accept any interference received, including
interference that may cause undesired operation.

E214476



RCPARTG18-0047

FCC ID: UNDSBG7400

US Pat. info at www.arris.com/legal. Other patents pending.
©ARRIS 2018-2019. All rights reserved. Made in China.

Network Name(SSID)

2.4GHz:ARRIS-B3C4

5GHz:ARRIS-B3C4-5G

Preshared Key:948FCFE3B3C4

Security Mode:WPA2-PSK (AES)

WPS PIN:52541858



SN: 99G2NL554300648



CMAC: 948FCFE3B3C4

Lenovo

Lenovo ideapad 330S-15IKB

便携式计算机 筆記型電腦

Lenovo ideapad 330S-15IKB

Model Name(型號): 81F5

INPUT(電壓/電流): 20V 2.25A

Mfg Date: 18/07/23

Factory ID: GXSC

MO: YDN0B8723001

MTM: 81F500BFLM

S/N: YD053KPC

Manufactured for Lenovo PC HK Limited Made in China 中國製造

EU contact: Lenovo, Einsteinova 21, 851 01 Bratislava, Slovakia





HEWLETT PACKARD
11311 CHINDEN BLVD
BOISE, IDAHO 83714
USA

產品名稱：雷射印表機

產品號碼

Numéro du produit

Product No. Q5911A



Numéro de Série

Serial No.

CNB2713270



Product of China

Produit de Chine

中國製造

Numéro réglementaire du modèle

Regulatory Model Number:

規格型號

BOISB-0207-00

110-127V ~ AC

50/60 Hz, 3.5A (3,5A)

製造日期

Manufactured:

Fabriqué le

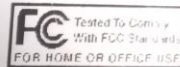
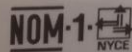
September, 2005



I.T.E.
5370



R33001

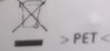


This product conforms with CDRH
radiation performance standard 21
CFR chapter 1, sub-chapter J.

Complies with the Canadian
EMC Class B requirements.

Conforme à la Classe B des
normes Canadiennes de
compatibilité électromagnétiques
<<CEM>>

Site: ZS1





WARNING TO AVOID
ELECTRIC SHOCK DO NOT EXPOSE TO RAIN
STORE AND/OR READ USER MANUAL AND SAFETY
INSTRUCTIONS BEFORE OPERATING THIS UNIT.
ADVERTENCIA PARA EVITAR DESCARGA
ELECTRICA NO
EXPONGA A LA LLUVIA.
LEA EL MANUAL DEL
USUARIO Y LAS
INSTRUCCIONES DE
SEGURIDAD ANTES
DE PONER EN
ESTA UNIDAD.
A WARNING TO AVOID
ELECTRIC SHOCK DO NOT EXPOSE TO RAIN
STORE AND/OR READ USER MANUAL AND SAFETY
INSTRUCTIONS BEFORE OPERATING THIS UNIT.
ADVERTENCIA PARA EVITAR DESCARGA
ELECTRICA NO
EXPONGA A LA LLUVIA.
LEA EL MANUAL DEL
USUARIO Y LAS
INSTRUCCIONES DE
SEGURIDAD ANTES
DE PONER EN
ESTA UNIDAD.

Mod. MCA14-200M
120 V- 60 Hz 7.6 A 870 Wh
Wet/Dry Vacuum
Aspiradora para Líquidos y Sólidos
Shop-Vac Corporation, Williamsport, PA 17701

Hecho en China
IPX4
UL LISTED 684B
NOM 52752-44

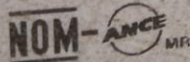


LAVADORA DE ROPA AUTOMÁTICA

MODELO(S):

DWF-DG361ASW1, DWF-DG361AWW3,
DWF-DG361BWW2, DWF-DG362ASW1,
DWF-DG362ARR1, DWF-DG362ASE1

ALIMENTACIÓN 127V~
FRECUENCIA 60Hz
POTENCIA 700W
CAPACIDAD DE LAVADO 18Kg



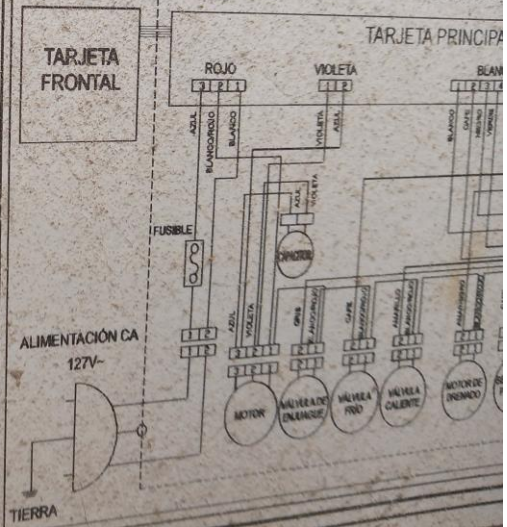
HECHO EN
MEXICO

FABRICADO POR:
DONGBU DAEWOO ELECTRONICS HOME APPLIANCE DE
MEXICO S.A. DE C.V.
AV. PASEO DE LOS ARCOS No. 7 PARQUE IND. BERNARDO
QUINTANA, EL MARQUES, QUERÉTARO, C.P. 76246

No. DE SERIE

DWF-DG362ASE1

DIAGRAMA ELECT



DECOMEX

This device contains WLAN+Bluetooth module QCWB335

Contains FCC ID: PPD-QCWB335
 Contains IC ID: 4104A-QCWB335
 STA: 2023/2012/WRLD
 COP/ETEL: RCPATOC12-0624
 CMIT ID: 2012DJ3837
 CNC: C-11128
 NTC: ESD-1206296C
 UAE: ER0089128112

25186/SDPPI/2012

Complies with
 IDA Standards
 DA104328

Bluetooth
 KCC-CRM-ATH-QCWB335

D120156003
 003-120200 N1953

IC: SA TA-2012/799
 APPROVED

2.4GHz
 技術基準認証済み
 の無線装置内蔵
 CCAI12LP1160T2

2084-12-6534

ANATEL

(01)07898931331057

Gateway

CM-5

便携式计算机/筆記型電腦

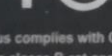
MODEL No (型号/型號): MS2370

DC RATING (直流額定/直流額定): 19V=3.42A (3.42A)

Made in China/Buatan China (中国製造/中國製造)



CONFORMS TO
 ANSI/UL STD. 60950-1
 CERTIFIED TO
 CAN/CSA STD
 C22.2 NO. 60950-1



This class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two

Conditions: (1) this device may not cause harmful interference, and

(2) this device must accept any interference received,

including interference that may cause undesired operation.

宏碁股份有限公司

Acer Italy s.r.l Via Lepetit, 40, 20020 Lainate (MI) Italy

NE52204m

MFG Date: 2013/07/12



S/N : NXY2ZAL00332811ABB6600



SNID: 32807237966

MARCA : LASKO MODELO : 5568M
CALEFACTOR DE AMBIENTE CON CONTROL REMOTO
HECHO EN CHINA
ESPECIFICACIONES ELECTRICAS:
120V ~ 60Hz 1500W TIPO Y
IMPORTADOR : COMERCIALIZADORA MEXICO AMERICANA,
S. DE R.L. DE C.V.
NEXTENGO NO. 78 COL. SANTA CRUZ ACAYUCAN
DEL. AZCAPOTZALICO, MÉXICO D.F. C.P. 02770



MODEL : 5568M
MADE IN CHINA
CERAMIC
AIR HEATER

7225
120 V 60 Hz 1500 Watts
AC Only

CONFORMS
TO UL STD. 1278
CERTIFIED TO
CSA STD. C22.2 NO.46



3102823

COVERED BY PATENT
NO. : D510, 989 ;
CHINA: ZL200530007567. 3 ;
6, 760, 543 AND OTHER
PATENTS. PENDING

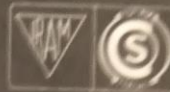
PHILIPS

Model No.: MCM302/55

110V-127V ~ / 220V- 240V ~

50/60Hz 50W

NOM



Model No.: MCM302/55

MADE IN CHINA



Serial No.: AJ1A1039036488



Microsistema de audio MCM302/55

Origin / Origen: China

Exportador: Philips Electronics Hong Kong Ltda

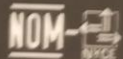
110V-127V/220V - 240V - 50-60 Hz 50W

En México importado por: Philips Mexicana, S.A. de C.V.

Av. La Palma No. 8 Col. San Fernando La Herradura, Mexquihuitan

Edo. de México, C.P. 52754 Tel. 52 55 95 95 95

Garantía incluida en el instructivo de uso



En Perú importado por: Philips Peruana S.A.

Av. Larco 1201 Piso 4 Lima - Perú

RUC 20160102090

En Chile importado por: Philips Chilena S.A.

Av. Sta. María, 0760 - Providencia - Santiago, RUT 90.761.000-4

En Panamá importado por: Philips Caribbean Panama

Edificio Evergreen (Piso 9), Av. STA B Sur y Calle 78 Este

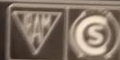
P.O. BOX 87-3841, Panama 7, Rep. de Panama

En Argentina importado y distribuido por:

Philips Argentina S.A.

Veda 2892 (C1430 DAL)

Ciudad de Buenos Aires



No Brasil importado por: Philips do Brasil Ltda.

Av. Engenheiro Tasso Pinheiro, 1.111 - Galpão 1

Jundiaí - SP CEP: 6106536/0021-57

Fones: 11 2121 0203 (São Paulo) 08007010203 (Brasil)

Evite o uso prolongado do aparelho com volume superior a

95 decibéis pois isto poderá prejudicar a sua audição.

Potência de saída total de 2x 25W RMS

ADVERTENCIA - PRECAUCION

NO ABRIR, RIESGO DE CHOQUE ELÉCTRICO.
NO ABRIR, RIESGO DE CHOQUE ELECTRICO

ATENÇÃO - ATENCION


VERIFIQUE SE A VOLTAGEM DE ALIMENTAÇÃO ESTA
CORRETA PARA SEU APARELHO.
VERIFIQUE QUE EL VOLTAJE DE ALIMENTACION
SEA EL REQUERIDO PARA SU APARATO.

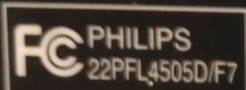
PARA EVITAR RIESGO DE CHOQUE ELÉCTRICO NO ABRA A TAPA.
CASO PRECISE DE QUALQUER SERVIÇO, PROCURE A REDE AUTORIZADA PHILIPS.
PARA EVITAR EL RIESGO DE CHOQUE ELECTRICO, NO quite LA TAPA.
EN CASO DE REQUERIR SERVICIO, DIRÍJASE AL PERSONAL AUTORIZADO.



PARA EVITAR EL RIESGO DE CHOQUE ELECTRICO NO quite LA TAPA. EN
DE REQUERIR SERVICIO, DIRIJASE AL PERSONAL AUTORIZADO DE PHILIPS.

P&F USA Inc.
PO Box 430 Daleville, IN 47334-0430 U.S.A.
MODEL NO.: 22PFL4505D/F7 120V~ 60Hz 50W

TruSurround HD, SRS and the  symbol
are trademarks of SRS Labs, Inc.

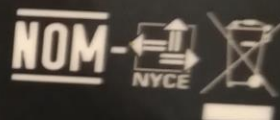


MODEL NO. : 22PFL4505D/F7



S PL10:10
A0177UH

A0177UH SEPTEMBER 2011 J
Serial No. DS1B1136200152



MADE IN CHINA
PAIS DE ORIGEN: CHINA
FABRIQUE EN CHINE

TELEVISOR A COLOR DE CRISTAL LIQUIDO(LCD) 22"(55.88cm) IMAGEN VISIBLE : (54,77cm)
Comercializado por: P&F MEXICANA, S.A. de C.V.
IMPORTADOR : SOJITZ MEXICANA, S.A. de C.V.
Av. Paseo de las Palmas No. 239-302 Col. Lomas de Chapultepec, C.P. 11000 México, D.F Tel. 52 (55) 5202-7222
EXPORTADOR : FUNAI ELECTRIC CO. L.T.D.
GARANTIA INCLUIDA EN EL INSTRUCTIVO DE USO