

GIGACORP

the network construction company
tel.514.624.7787, fax.514.620.2093, email:gigacorp@iname.com



TOP MOTOR

MODEL: DH1204SM



SPECIFICATION

1).Rated Voltage	DC12V
2).Operating Voltage	12V \pm 15%
3).Rated Current	0.009A
4).Rated Input	1.08W
5).Maximum Airflow	7.2CFM
6).Maximum Airpressure	0.08inch-H ₂ O
7).Rates Speed	4500RPM
8).Operating Temperature	-10°C~+65°C(65%RH)
9).Storage Temperature	-30°C~+70°C(65%RH)
10).Acoustical Noise	20dBA
11).Weight	73.5gm

(1).SCOPE

This specification defines the electrical and mechanical characteristics of the D.C. brushless axial flow fan, which is carefully designed and manufactured for your special needs by Dynaeon Industrial Co., Ltd.

(2).ELECTRICAL CHARACTERISTICS

1.Rated Voltage	12V D.C.
2.Operating Voltage	10.2V to 13.8V
3.Air Flow	7.2CFM
at rated voltage, zero static pressure (minimal value)	
4.Static Pressure	0.08inch-H ₂ O
at rated voltage, zero air flow (minimal value)	
5.Input Current	0.09A(max)
6.Input Power	1.08W(max)
7.Insulation Resistance	10M ohm
Frame <-----> Terminal	at DC 500V/1min
8.Dielectric Strength	5mA max
Frame <-----> Terminal	at AC 500v
9.Speed	4500RPM \pm 10%

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- 10.Life 20,000Hrs
continuos operating under normal temperature (25°C or 77°F)
- 11.Rotation Clockwise air discharged
- 12.Lead Wires UL 1007, awg 24
+:Red, -:Black
- 13.Acoustical Noise 20dBA

(3).MECHANICAL CHARACTERISTICS

- 1.Frame+Impeler Plastics UL94-VO
- 2.Bearing System Sleeve Bearing
- 3.Weight 73.5gm

(4).ENVIRONMENTAL

- 1.Operating Temperature -10°C~+65°C 65%RH
- 2.Storage Temperature -30°C~+70°C 65%RH
- 3.Vibration Test
Motor withstands 1000cpm vibrating with 2mm amplitude for 30 minutes up and down, right and left and backforth directions.
- 4.Drop Test
Motor withstands one free body drop from 30cm in height onto 10mm thickness of wooden board for each of the three faces in minimum packaging condition.
- 5.Acoustic Noise: 20dBA-Curve(max)

Free Air <-----> Fan <----- 1M -----> (Microphone)

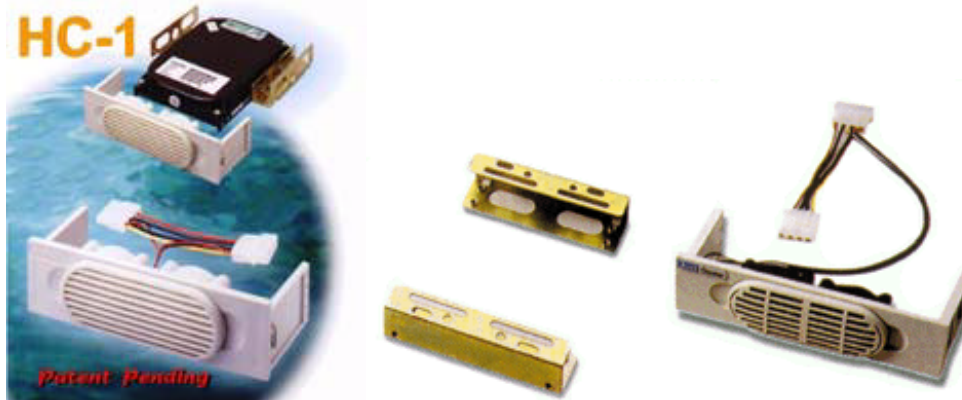
Measuring condition:

Under rated voltage in semi-snechoic chamber equipment sound level meter

(5).PROTECTION

- 1.Polarity Protection
For polarity error connection to power, the circuit withstands reversed connection between positive and negative leads.
- 2.Locked Rotor Protection
Motor winding protects the motor from damage in 72 hours of locked motor condition at rated voltage.
- 3.Plastic housing and impeller material are PC and PBT UL 94V-0

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DH1204SM Hard Disk Drive Cooler Suggested Retail Price \$29,00

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Retail information

The DH1204SM retail kit comes complete with the dual fan cooler unit (as in diagram), two brass mounting brackets to place your 3.5" drive in a 5.25" bay, 8 harddisk drive mounting screws to fasten harddisk to brackets, and brackets to case, and 4 self-tapping screws to fasten the cooler unit to the case. Physical dimensions of the retail box are 153mm x 74mm x 52mm. Exact weight of the retail box with contents are 193g.

Pricing in Canadian funds (U.S. funds underneath). Shipping has not been included:

DH1204SM	[1]	[2..9]	[10..19]	[20..49]	[50..99]	[100..]
Each Unit	CDN\$29.00	CDN\$27.00	CDN\$25.00	CDN\$23.00	CDN\$22.00	
Each Unit	US\$23.20	US\$21.60	US\$20.00	US\$18.40	US\$17.60	

Number of Kits and Shipping Totals

If you are ordering from Canada:

DH1204SM Units	[1]	[2]	[3]	[4]	[5]
XpressPost Canada	CDN\$34.00	CDN\$59.00	CDN\$90.00	CDN\$118.00	CDN\$140.00
XpressPost Canada COD	CDN\$39.00	CDN\$64.00	CDN\$95.00	CDN\$123.00	CDN\$145.00

Shipping examples include 2day XpressPost shipping with the quantity of DH1204SM kits. Payment can be made by cash, certified cheque, or Canada Post Money Order. *Personal cheques not acceptable.* You can also choose COD to save time.

If you are ordering from USA:

DH1204SM Units	[1]	[2]	[3]	[4]	[5]
First Class Air Mail USA	US\$29.00	US\$50.00	US\$72.00	US\$94.00	US\$115.00

Shipping examples include First Class Air Mail shipping with the quantity of DH1204SM kits. Payment can be made by cash, certified check, cashier's check, or USPS Money Order. *Personal checks not acceptable.* Sorry, we cannot ship COD.

If you are ordering from outside Canada and USA:

DH1204SM Units	[1]	[2]	[3]	[4]	[5]
Air Mail International	CDN\$39.00	CDN\$65.00	CDN\$100.00	CDN\$130.00	CDN\$160.00

Shipping examples include International Air Mail shipping with the quantity of DH1204SM kits. Payment can be made by cash, your country's foreign cash (ask for an authorized conversion amount), or Canadian Money Order (Eurocheque, etc.). *Personal checks not acceptable.* Sorry, we cannot ship COD.

Contact

Send prepaid orders to: GigaCorp, 190 Chapleau Ave., Dollard des Ormeaux, Qc H9G 1C4, Canada.
tel.514.990.7787, fax 514.620.2093, email:gigacorp@iname.com
<http://anime.net/~gigagon/products/frame/cooler.htm>

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Reseller information

The DH1204SM retail kit comes complete with the dual fan cooler unit (as in diagram), two brass mounting brackets to place your 3.5" drive in a 5.25" bay, 8 harddisk drive mounting screws to fasten harddisk to brackets, and brackets to case, and 4 self-tapping screws to fasten the cooler unit to the case. Physical dimensions of the retail box are 153mm x 74mm x 52mm. Exact weight of the retail box with contents are 193g.

Pricing in Canadian funds (U.S. funds underneath). Shipping has not been included:

DH1204SM	[1]	[2..9]	[10..19]	[20..49]	[50..99]	[100..]
Each Unit	CDN\$25.00	CDN\$23.00	CDN\$21.00	CDN\$20.00	CDN\$19.00	
Each Unit	US\$23.20	US\$21.60	US\$20.00	US\$18.40	US\$16.80	

Number of Kits and Shipping Totals

If you are ordering from Canada:

DH1204SM Units	[1]	[2]	[3]	[4]	[5]
XpressPost Canada					
XpressPost Canada COD					

Shipping examples include 2day XpressPost shipping with the quantity of DH1204SM kits. Payment can be made by cash, certified cheque, or Canada Post Money Order. *Personal cheques not acceptable.* You can also choose COD to save time.

If you are ordering from USA:

DH1204SM Units	[1]	[2]	[3]	[4]	[5]
First Class Air Mail USA					

Shipping examples include First Class Air Mail shipping with the quantity of DH1204SM kits. Payment can be made by cash, certified check, cashier's check, or USPS Money Order. *Personal checks not acceptable.* Sorry, we cannot ship COD.

If you are ordering from outside Canada and USA:

DH1204SM Units	[1]	[2]	[3]	[4]	[5]
Air Mail International	CDN\$32.00	CDN\$58.00	CDN\$88.00	CDN\$112.00	

Shipping examples include International Air Mail shipping with the quantity of DH1204SM kits. Payment can be made by cash, your country's foreign cash (ask for an authorized conversion amount), or Canadian Money Order (Eurocheque, etc.). *Personal checks not acceptable.* Sorry, we cannot ship COD.

Contact

Send prepaid orders to: YOU MUST HAVE A PURCHASE ORDER QUOTE PRIOR TO ORDERING
tel.514.624.7787, fax 514.620.2093, email:gigacorp@iname.com
<http://anime.net/~gigagon/products/frame/cooler.htm>