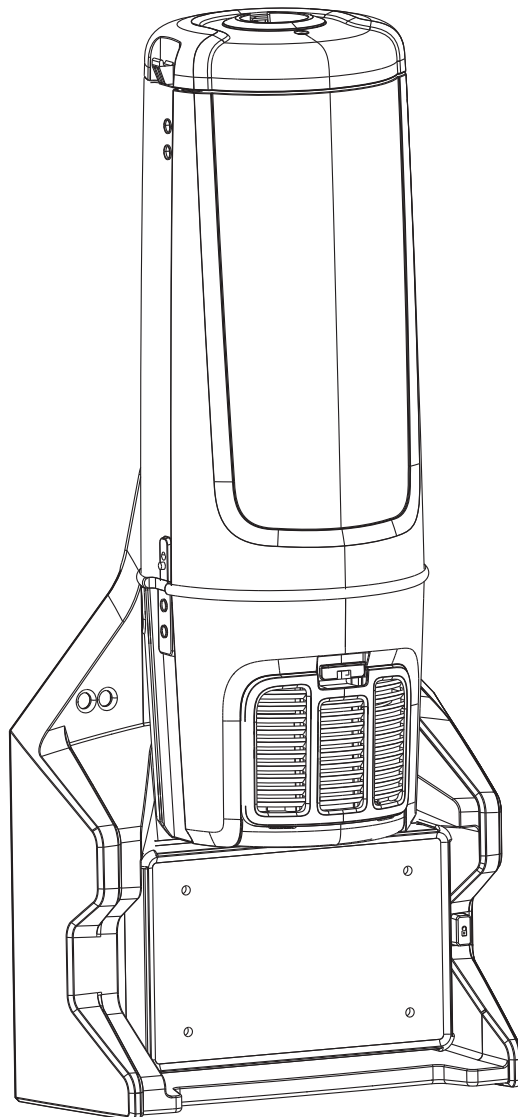


# GD 5 Battery

## Instructions for use



**Hose connection**



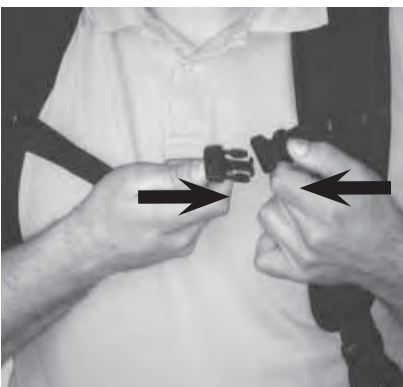
**Adjustment of strap position on support plate**



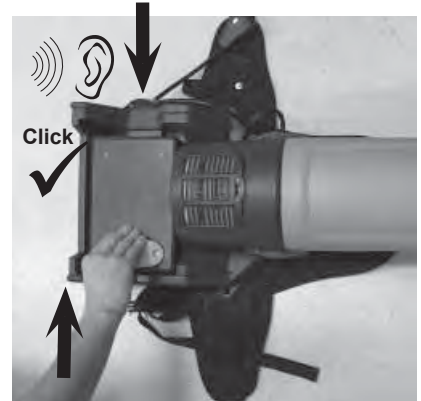
**Adjustment of tension ties on the strap's support plate**



**Adjusting the vacuum cleaner to sit comfortably**



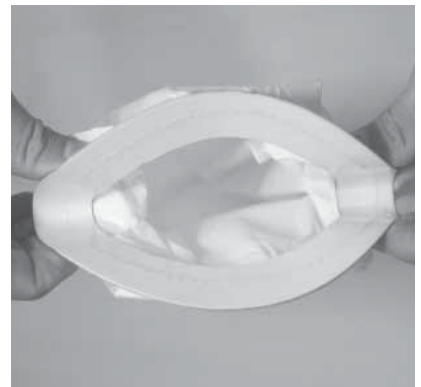
### Battery module change



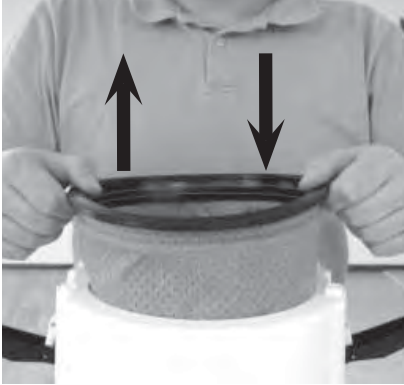
**On/Off: Quick press**  
**Boost/Eco: Long press**



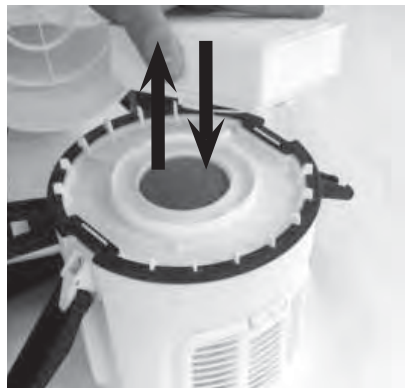
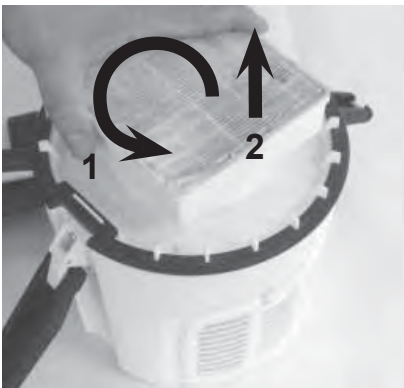
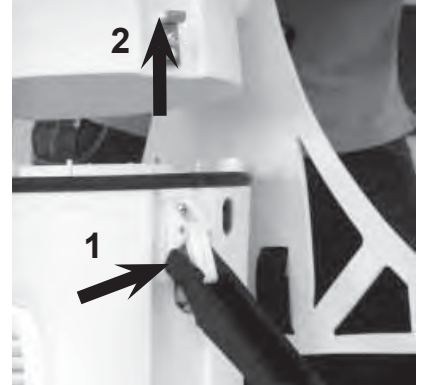
**Dust bag**



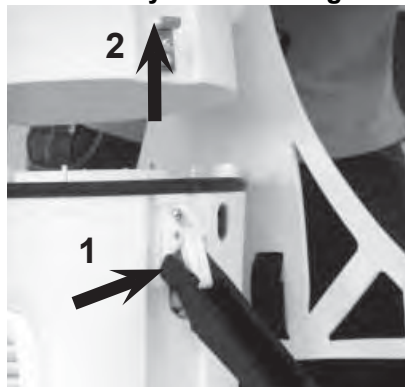
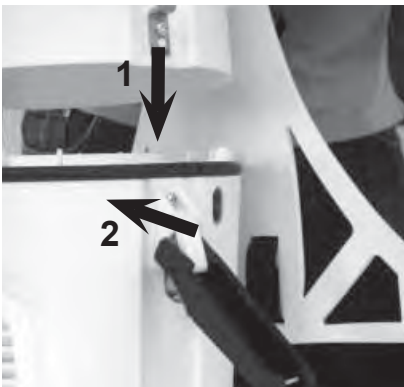
**Bag filter**



**HEPA filter**



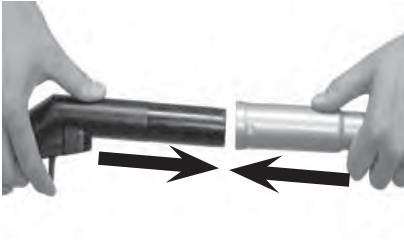
**Pre filter to be replaced by use of every 5-10 dust bags**



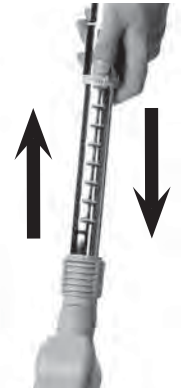
**Exhaust filter to be replaced once/twice per year**



**Connection of bent end and handle grip**



**Extension tube**



**Round brush nozzle**



**Combi nozzle**




**Crevice nozzle**




# 1 IMPORTANT SAFETY INSTRUCTIONS

## 1.1 Symbols used to mark instructions

### DANGER


 Danger that leads directly to serious or irreversible injuries, or even death.

### WARNING

 Danger that can lead to serious injuries or even death.

### CAUTION

 Danger that can lead to minor injuries and damage.

 Before starting up your machine for the first time, this instruction manual must be read through carefully. Save the instructions for later use.

## 1.2 Instructions for use

Besides the operating instructions and the binding accident prevention regulations valid in the country of use, observe recognised regulations for safety and proper use. Read all instructions before using the battery operated machine. Save the instructions for later use.

## 1.3 Purpose and intended use

This machine is for commercial use, for example in hotels, schools, hospitals, factories, shops and offices other than normal residential housekeeping purposes. Accidents due to misuse can only be prevented by those using the machine.

This machine is suitable to clean (vacuuming) smooth and solid floors, in civil or industrial environment, under safe operation conditions by a qualified operator.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

## 1.4 Warnings

### WARNING

- Carefully read all the instructions before performing any maintenance/repair procedure.
- To reduce the risk of fire, electric shock, or injury, take the battery out of the machine before performing any maintenance procedure.
- Do not smoke while charging the battery.
- Always protect the machine against the sun, rain and bad weather, both under operation and inactivity conditions.
- This machine must be used indoors in dry conditions, it must not be used or kept outdoors in wet conditions.
- Before using the machine, close all covers as shown in the Instructions for Use Manual.
- Do not use without dust bag and filters in place.
- Prevent unintentional starting. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.

- This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the machine by a person responsible for the safety.
- Children should be supervised to ensure that they do not play with the machine.
- Close attention is necessary when used near children. Use only as shown in this Manual. Use only Nilfisk's recommended accessories.
- Check the machine carefully before each use, always check that all the components have been properly assembled before use. If the machine is not perfectly assembled it can cause damages to people and properties.
- Take all necessary precautions to prevent hair, jewels and loose clothes from being caught by the machine moving parts.
- Do not put any object into openings. Do not use with any opening blocked. Keep free of dust, lint, hair and anything that may reduce the flow.
- Use the machine only where a proper lighting is provided.
- While using this machine, take care not to cause damage to people or objects.
- Use extra care when cleaning on stairs.
- The humidity must be between 30 % and 95 %.
- In case of fire, use a powder fire extinguisher, not a water one.
- Do not tamper with the machine safety guards and follow the ordinary maintenance instructions scrupulously.
- Do not remove or modify the plates affixed to the machine.
- In case of machine malfunctions, ensure that these are not due to lack of maintenance. If necessary, request assistance from the authorised personnel or from an authorised Service Center.
- If parts must be replaced, require ORIGINAL spare parts from an Authorised Dealer or Retailer.
- To ensure machine proper and safe operation, the scheduled maintenance shown in the relevant chapter of this Manual, must be performed by the authorised personnel or by an authorised Service Center.
- Do not wash the machine with direct or pressurised water jets, or with corrosive substances.
- The machine must be disposed of properly, because of the pres-

ence of toxic-harmful materials (batteries, etc.), which are subject to standards that require disposal in special centres (see Scrapping chapter).

- Before performing any maintenance, repair, cleaning or replacement procedure disconnect the battery.
- This machine must be used by properly trained operators only.
- Do not wear jewels when working near electrical components.
- Do not operate the machine near toxic, dangerous, flammable and/or explosive powders, liquids or vapours.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- This machine is not suitable for collecting dangerous powders.
- The machine working temperature must be between 0 °C and +40 °C. Due to battery requirements.
- The machine storage temperature must be between -20 °C and +40 °C. Due to battery requirements.

## 1.5 Warnings

### BATTERY AND CHARGER

- This machine use a Lithium-ion battery.
- If the appliance is to be stored unused for a long period, the batteries are removed.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Never use other batteries than that one supplied with machine or original replacement.
- Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Before every use check for any sign of damage.
- Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.



- Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- If the battery is leaking return it to a Nilfisk Service Center.
- The battery must be removed from the machine before the machine is scrapped.
- Protect the charger against moisture and store it in a dry place.
- Do not use the charger if it or its cord are wet.
- Before using the battery charger, ensure that frequency and voltage values, indicated on its rating plate, match the electrical mains voltage.
- Do not use the charger in an explosive environment.
- Do not carry the charger by holding the main cord.
- Do not pull or carry the machine by the battery charger cord and never use the battery charger cord as a handle. Do not close a door on the battery charger cord, or pull the battery charger cord around sharp edges or corners. Do not run the machine on the battery charger cord.
- Keep the battery charger cord away from heated surfaces.
- Do not charge the battery if the battery charger cord or the plug are damaged.
- Do not cover the charger.
- Do not recharge with other chargers than that one provided with the machine or original replacement or accessories.

## 1.6 Approved batteri and chargers

Battery pack: 10S4P-UR18650RX.

Chargers: FW8060/48, BC500.

## 1.7 Maintenance

All necessary operating, maintenance and repair procedures must be performed by qualified personnel or by Nilfisk Service Centers. Only original spare parts and accessories must be used.

Contact Nilfisk for service or to order spare parts and accessories, specifying the machine model, product code and serial number.

## 1.8 Charging of the battery pack

The battery pack is delivered approx. 30 % charged because this gives a long storage time and a safe transportation.

Connect the charger directly to the battery pack or mount the battery pack in the charger depending on the application. (See the User guide for the charger or for the appliance).

The battery pack should be charged in a dry environment and within an ambient temperature range of 0°C to +40°. (32°F to +104°F)

The battery pack has an integrated Battery Management System, which protects the cells against abusive charging and discharging. The system also maximizes the battery life by balancing the cells during charge.

## 1.9 Storage of the battery pack

A fully discharged battery pack should not be stored uncharged for more than 4-weeks maximum.

A 30 % charged battery pack (2 Green LED's) can be stored for up to 24 month in a temperature range from -20 to +40°C. (-4°F to +104°F)

Failure to observe the guide line for storage, might lead to a defect battery pack, which must be disposed of. (See section Disposal of Battery pack).

For details of after sales service contact Nilfisk directly.

## 2.0 Warranty

Our general conditions of business are applicable with regard to the guarantee.

Unauthorised modifications to the appliance, the use of incorrect brushes in addition to using the appliance in a way other than for the intended purpose exempt the manufacturer from any liability for the resulting damage.



As specified in European Directive 2012/19/EU on old electrical and electronic appliances, used electrical goods must be collected separately and recycled ecologically. Contact your local authorities or your nearest dealer for further information.

**Specifications**

		<b>GD 5 Battery 36V eco/boost</b>
Voltage	V	36
Rated power	W	650
Power consumption	W	190/465
Battery capacity	A <sub>h</sub> / Wh	7,8/280,8
Battery type		Lithium Ion
Run time	min	60/30
Protection grade (moist., dust)		II/IP 20
Protection class (electrical)		II □
Airflow with hose and tube	litres/sec	21.7/26.7
Suction power with hose and tube	W	45/116
Vacuum at nozzle	mBar	86/129
Sound pressure level L <sub>PA</sub> (ISO 11203)	dB(A)	60/65
Sound power level L <sub>WA</sub> (EN/ISO 9614-2)	dB(A)	73/78
Vibration ISO 5349 a <sub>h</sub>	m/s <sup>2</sup>	≤ 2,5
Sack filter, surface area	cm <sup>2</sup>	1397
Dust bag capacity litres	L	5
Width	mm	330
Depth	mm	240
Height	mm	755
Weight incl. battery	kg	8
Number of filters		2
Charge time	min	≤ 40

Specifications and details are subject to change without prior notice.

**EC/EU Declaration of Conformity**

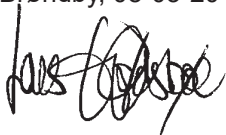
We, Nilfisk A/S  
Kornmarksvej 1  
DK-2605 Brøndby, DENMARK

Hereby declare under our sole responsibility that the:  
Product: VAC - Commercial - Battery  
Description: 36V DC, IPX0  
Type: GD 5 Battery

Are in compliance with the following standards:  
EN 60335-1:2012+A11:2014  
EN 60335-2-69:2012  
EN 61000-6-1:2007  
EN 61000-6-3:2007+A1:2011  
EN 50581:2012  
EN 60950-1:2006+A1:2010+A2:2013+A11:2009+A12:2011

Following the provisions of:  
2006/42/EC  
2014/30/EU  
2011/65/EU  
2014/30/EU (Power Supply)

Brøndby, 08-03-2018



Lars Gjødsbøl  
Executive Vice President Global Products & Services



## HEAD QUARTER

### DENMARK

Nilfisk A/S  
Kornmarksvej 1  
DK-2605 Brøndby  
Tel.: (+45) 4323 8100  
www.nilfisk.com

## SALES COMPANIES

### ARGENTINA

Nilfisk Argentina  
Herrera 1855 Piso 4° B Ofic 405  
Ciudad de Buenos Aires  
Tel.: (+54) 11 6091 1576  
www.nilfisk.com.ar

### AUSTRALIA

Nilfisk Pty Ltd  
Unit 1/13 Bessemer Street  
Blacktown NSW 2148  
Tel.: (+61) 2 98348100  
www.nilfisk.com.au

### AUSTRIA

Nilfisk GmbH  
Metzgerstrasse 68  
5101 Bergheim bei Salzburg  
Tel.: (+43) 662 456 400 90  
www.nilfisk.at

### BELGIUM

Nilfisk n.v.-s.a.  
Riverside Business Park  
Boulevard Internationaalelaan 55  
Bâtiment C3/C4 Gebouw  
Bruxelles 1070  
Tel.: (+32) 24 67 60 50  
www.nilfisk.be

### BRAZIL

Nilfisk do Brasil  
Av. Eng. Luis Carlos Berrini, 550  
40 Andar, Sala 03  
SP - 04571-000 Sao Paulo  
Tel.: (+11) 3959-0300 / 3945-4744  
www.nilfisk.com.br

### CANADA

Nilfisk Canada Company  
240 Superior Boulevard  
Mississauga, Ontario L5T 2L2  
Tel.: (+1) 800-668-8400  
www.nilfisk.ca

### CHILE

Nilfisk S.A. (Comercial KCS Ltda)  
Salar de Lamara 822  
8320000 Santiago  
Tel.: (+56) 2684 5000  
www.nilfisk.cl

### CHINA

Nilfisk  
4189 Yindu Road  
Xinzhuang Industrial Park  
201108 Shanghai  
Tel.: (+86) 21 3323 2000  
www.nilfisk.cn

### CZECH REPUBLIC

Nilfisk s.r.o.  
VGP Park Horní Počernice  
Do Čertous 1/2658  
193 00 Praha 9  
Tel.: (+420) 244 090 912  
www.nilfisk.cz

### DENMARK

Nilfisk Danmark A/S  
Industrivej 1  
Hadsund, DK-9560  
Tel.: 72 18 21 20  
www.nilfisk.dk

### FINLAND

Nilfisk Oy Ab  
Koskelontie 23 E  
02920 Espoo  
Tel.: (+358) 207 890 600  
www.nilfisk.fi

### FRANCE

Nilfisk SAS  
26 Avenue de la Baltique  
Villebon sur Yvette  
91978 Courtabouef Cedex  
Tel.: (+33) 169 59 87 00  
www.nilfisk.fr

### GERMANY

Nilfisk GmbH  
Guido-Oberdorfer-Straße 2-10  
89287 Bellenberg  
Tel.: (+49) (0)7306/72-444  
www.nilfisk.de

### GREECE

Nilfisk A.E.  
Αναπαύσεως 29  
Κορωπί T.K. 194 00  
Tel.: (30) 210 9119 600  
www.nilfisk.gr

### HOLLAND

Nilfisk B.V.  
Versterkerstraat 5  
1322 AN Almere  
Tel.: (+31) 036 5460760  
www.nilfisk.nl

### HONG KONG

Nilfisk Ltd.  
2001 HK Worsted Mills  
Industrial Building  
31-39, Wo Tong Tsui St.  
Kwai Chung, N.T.  
Tel.: (+852) 2427 5951  
www.nilfisk.com

### HUNGARY

Nilfisk Kft.  
II. Rákóczi Ferenc út 10  
2310 Szigetszentmiklós-Lakihegy  
Tel.: (+36) 24 475 550  
www.nilfisk.hu

### INDIA

Nilfisk India Limited  
Pramukh Plaza, 'B' Wing, 4th floor, Unit  
No. 403  
Cardinal Gracious Road, Chakala  
Andheri (East) Mumbai 400 099  
Tel.: (+91) 22 6118 8188  
www.nilfisk.in

### IRELAND

Nilfisk  
1 Stokes Place  
St. Stephen's Green  
Dublin 2  
Tel.: (+35) 3 12 94 38 38  
www.nilfisk.ie

### ITALY

Nilfisk SpA  
Strada Comunale della Braglia, 18  
26862 Guardamiglio (LO)  
Tel.: (+39) (0) 377 414021  
www.nilfisk.it

### JAPAN

Nilfisk Inc.  
1-6-6 Kita-shinyokohama, Kouhoku-ku  
Yokohama, 223-0059  
Tel.: (+81) 45548 2571  
www.nilfisk.com

### MALAYSIA

Nilfisk Sdn Bhd  
Sd 33, Jalan KIP 10  
Taman Perindustrian KIP  
Sri Damansara  
52200 Kuala Lumpur  
Tel.: (60) 3603 627 43 120  
www.nilfisk.com

### MEXICO

Nilfisk de Mexico, S. de R.L. de C.V.  
Pirineos #515 Int.  
60-70 Microparque  
Industrial WSantiago  
76120 Queretaro  
Tel.: (+52) (442) 427 77 00  
www.nilfisk.com

### NEW ZEALAND

Nilfisk Limited  
Suite F, Building E  
42 Tawa Drive  
0632 Albany Auckland  
Tel.: (+64) 9 414 1996  
Website: www.nilfisk.com

### NORWAY

Nilfisk AS  
Bjørnerudveien 24  
1266 Oslo  
Tel.: (+47) 22 75 17 80  
www.nilfisk.no

### PERU

Nilfisk S.A.C.  
Calle Boulevard 162, Of. 703, Lima 33-  
Perú  
Lima  
Tel.: (511) 435-6840  
www.nilfisk.com

### POLAND

Nilfisk Sp. Z.O.O.  
Millenium Logistic Park  
ul. 3 Maja 8, Bud. B4  
05-800 Pruszków  
Tel.: (+48) 22 738 3750  
www.nilfisk.pl

### PORTUGAL

Nilfisk Lda.  
Sintra Business Park  
Zona Industrial Da Abrunheira  
Edificio 1, 1° A  
P2710-089 Sintra  
Tel.: (+351) 21 911 2670  
www.nilfisk.pt

### RUSSIA

Nilfisk LLC  
Vyatskaya str. 27, bld. 7/1st  
127015 Moscow  
Tel.: (+7) 495 783 9602  
www.nilfisk.ru

### SINGAPORE

Den-Sin  
22 Tuas Avenue 2  
639453 Singapore  
Tel.: (+65) 6268 1006  
www.densin.com

### SLOVAKIA

Nilfisk s.r.o.  
Bancíkovej 1/A  
SK-821 03 Bratislava  
Tel.: (+421) 910 222 928  
www.nilfisk.sk

### SOUTH AFRICA

Nilfisk (Pty) Ltd  
Kimbult Office Park  
9 Zeiss Road  
Laser Park  
Honeydew  
Johannesburg  
Tel: +27118014600  
www.nilfisk.co.za

### SOUTH KOREA

Nilfisk Korea  
3F Duksoo B/D, 317-15  
Sungsoo-Dong 2Ga  
Sungdong-Gu, Seoul  
Tel.: (+82) 2497 8636  
www.nilfisk.co.kr

### SPAIN

Nilfisk S.A.  
Torre d'Ara,  
Passeig del Rengle, 5 Plta. 10ª  
08302 Mataró  
Tel.: (34) 93 741 2400  
www.nilfisk.es

### SWEDEN

Nilfisk AB  
Taljegårdsgatan 4  
431 53 Mölndal  
Tel.: (+46) 31 706 73 00  
www.nilfisk.se

### SWITZERLAND

Nilfisk AG  
Ringstrasse 19  
Kircheberg/Industri Stelz  
9500 Wil  
Tel.: (+41) 71 92 38 444  
www.nilfisk.ch

### TAIWAN

Nilfisk Ltd  
Taiwan Branch (H.K)  
No. 5, Wan Fang Road  
Taipei  
Tel.: (+88) 6227 00 22 68  
www.nilfisk.tw

### THAILAND

Nilfisk Co. Ltd.  
89 Soi Chokechai-Ruammitr  
Viphavadee-Rangsit Road  
Ladyao, Jatuchak, Bangkok 10900  
Tel.: (+66) 2275 5630  
www.nilfisk.co.th

### TURKEY

Nilfisk A.S.  
Serifali Mh. Bayraktar Bulv. Sehit Sk. No:7  
Ümraniye, 34775 Istanbul  
Tel.: +90 216 466 94 94  
www.nilfisk.com.tr

### UNITED ARAB EMIRATES

Nilfisk Middle East Branch  
SAIF-Zone  
P.O. Box 122298  
Sharjah  
Tel.: (+971) (0) 655-78813  
www.nilfisk.com

### UNITED KINGDOM

Nilfisk Ltd.  
Nilfisk House, Bowerbank Way  
Gilwilly Industrial Estate, Penrith  
Cumbria CA11 9BQ  
Tel.: (+44) (0) 1768 868995  
www.nilfisk.co.uk

### UNITED STATES

Nilfisk, Inc.  
9435 Winnetka Ave N,  
Brooklyn Park  
MN- 55445  
www.nilfisk.com

### VIETNAM

Nilfisk Vietnam  
No. 51 Doc Ngu Str.  
P. Vinh Phuc, Q.Ba Dinh  
Hanoi  
Tel.: (+84) 761 5642  
www.nilfisk.com