



# ALPHA

1/2/3

be  
think  
innovate

GRUNDFOS 



## **DE: Warnung**

Dieses Produkt können Kinder ab acht Jahren und Personen mit eingeschränkten körperlichen, sensorischen oder geistigen Fähigkeiten sowie Personen mit mangelnder Erfahrung bzw. fehlendem Wissen in Bezug auf das Produkt nur dann verwenden, wenn sie dabei

beaufsichtigt werden oder eindeutige Anweisungen über die sichere Verwendung des Produkts erhalten haben. Diese Personen müssen auch die mit der Verwendung des Produkts verbundenen Gefahren verstehen. Erlauben Sie niemals Kindern, mit dem Produkt zu spielen. Die Reinigung

und Wartung darf nicht von Kindern oder Personen mit eingeschränkten körperlichen, sensorischen oder geistigen Fähigkeiten durchgeführt werden, wenn sie dabei nicht entsprechend beaufsichtigt werden.

## **FR: Avertissement**

Ce produit peut être utilisé par des enfants de 8 ans et plus, ainsi que par des personnes présentant des troubles physiques, sensoriels ou mentaux, ou manquant d'expérience et de connaissances sur le produit. Ces personnes doivent cependant l'utiliser sous surveillance ou avoir été



formées à l'utilisation du produit. Elles doivent être en mesure de comprendre les dangers impliqués lors de l'utilisation du produit. Ne jamais laisser les enfants jouer avec le produit. Les enfants ou des personnes présentant des troubles physiques, sensoriels ou mentaux ne peuvent pas s'occuper du nettoyage ou

de la maintenance sans surveillance.

### **IT: Avvertimento**

Questo prodotto può essere utilizzato da bambini di almeno 8 anni e da persone con ridotte capacità fisiche, sensoriali o mentali o con mancanza di esperienza e competenza purché siano sorvegliati o abbiano

ricevuto istruzioni sull'utilizzo sicuro dell'apparecchio. Tali persone devono inoltre comprendere i rischi connessi all'uso del prodotto. Impedire ai bambini di giocare con il prodotto. La pulizia e la manutenzione utente non devono essere effettuate da bambini o persone con ridotte capacità fisiche, sensoriali o mentali senza un'adeguata

sorveglianza. fisiche, sensoriali o mentali ridotte non devono utilizzare questo prodotto a meno che non siano state istruite o siano sotto la supervisione di un responsabile. I bambini non devono utilizzare o giocare con questo prodotto.



Max. 95 % RH  
IPX4D



Min./Max.  
+2 °C / +110 °C



Max. 1.0 MPa  
(10 bar)



Min./Max.  
0 °C / +40 °C

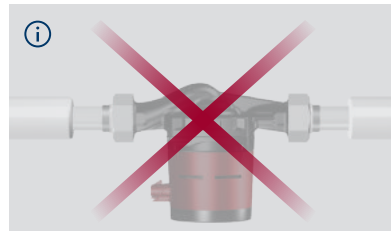
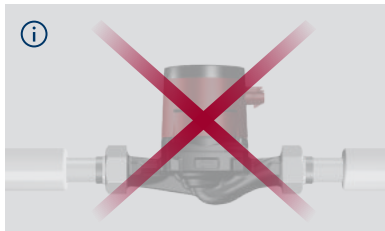
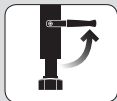


< 43 dB(A)





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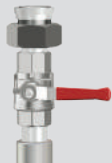
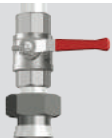




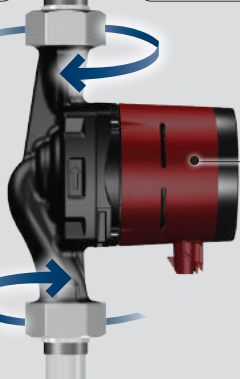
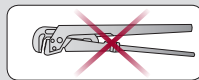
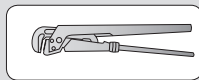
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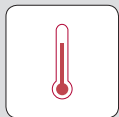


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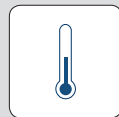




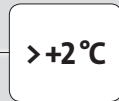
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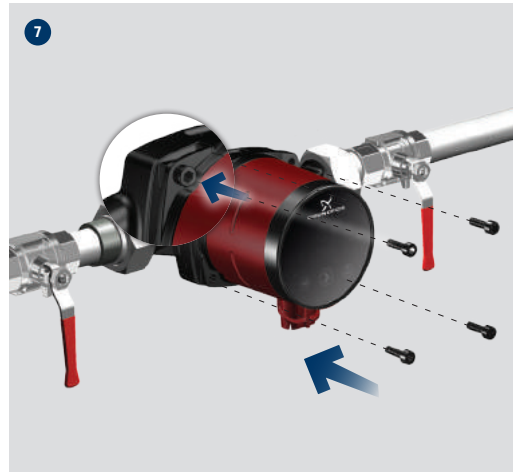
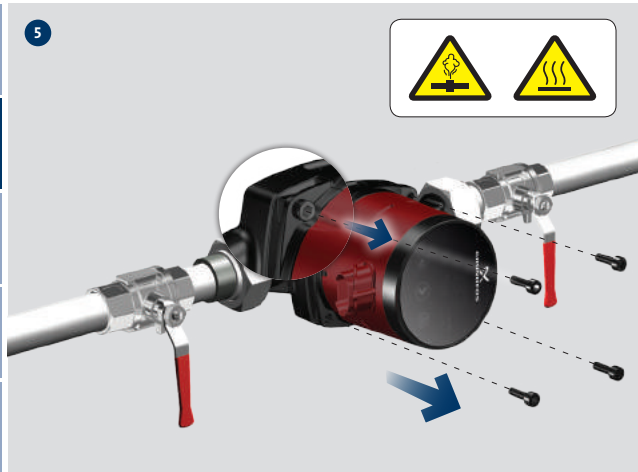


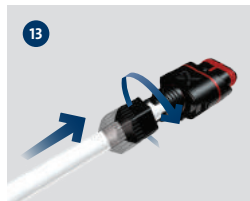
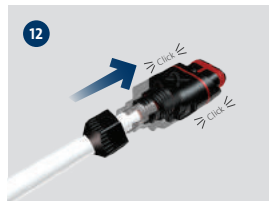
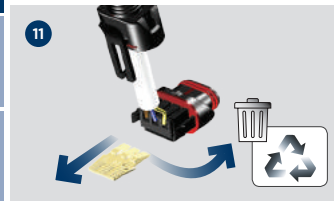
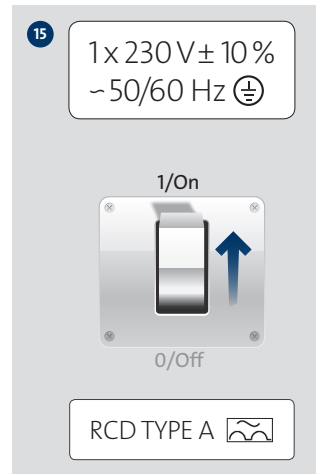
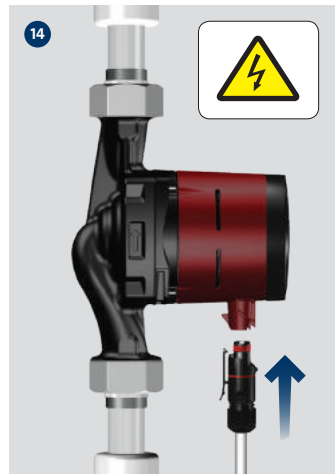
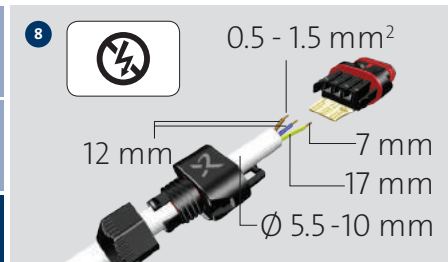
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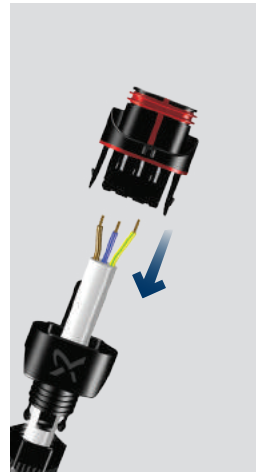
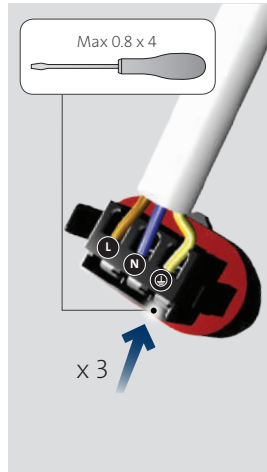
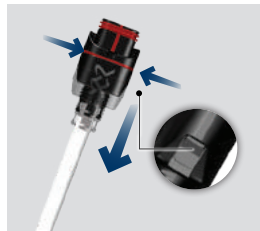
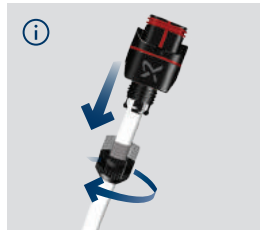
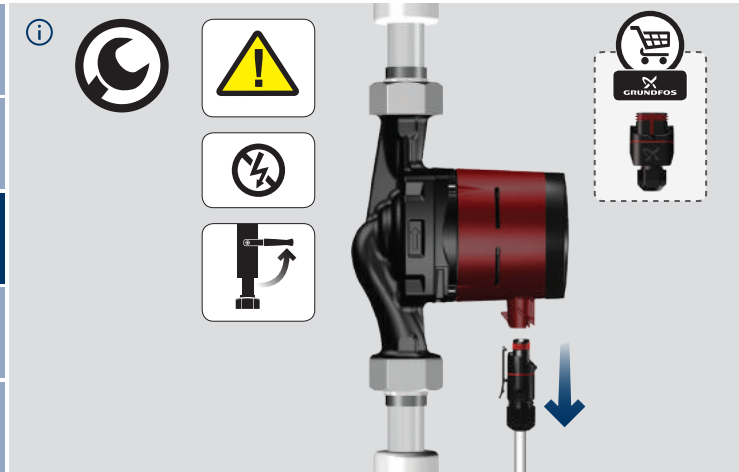


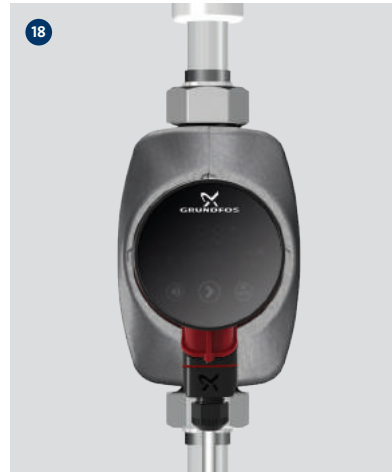
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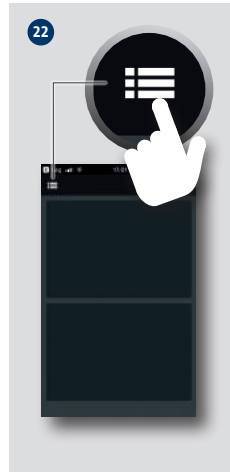
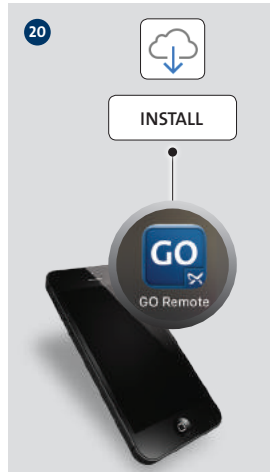
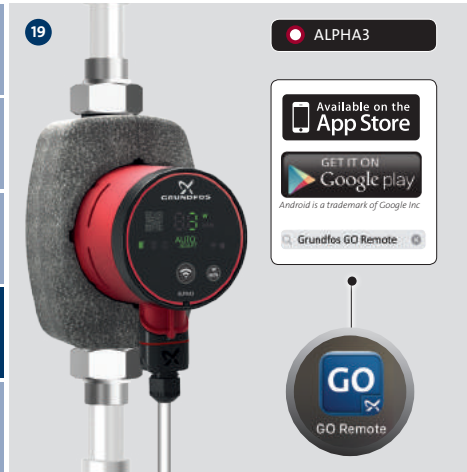






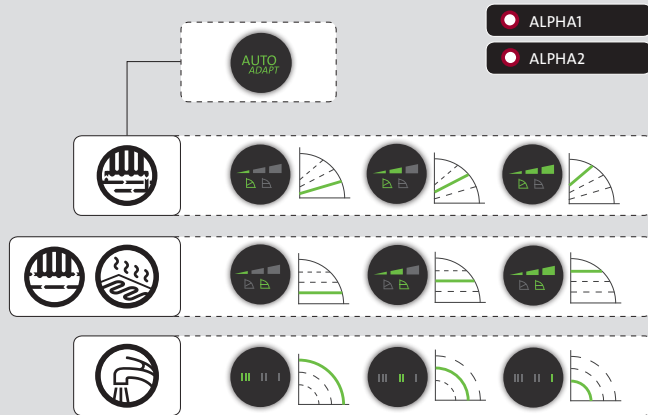


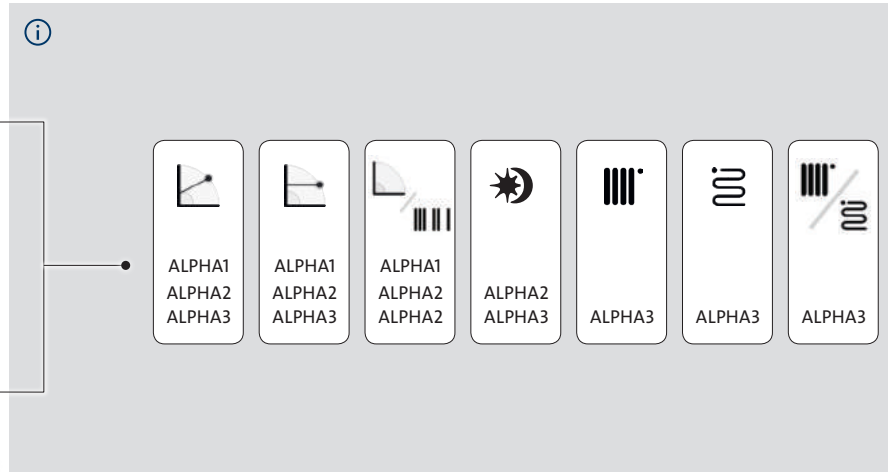






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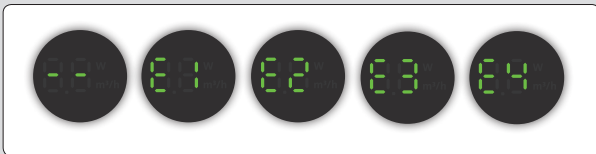






● ALPHA1

● ALPHA2



**ALPHA1**

[net.grundfos.com/qr/i/99352881](https://net.grundfos.com/qr/i/99352881)



**ALPHA2**

[net.grundfos.com/qr/i/98092353](https://net.grundfos.com/qr/i/98092353)



● ALPHA3



**ALPHA3**

[net.grundfos.com/qr/i/99392378](https://net.grundfos.com/qr/i/99392378)





#### DE: EG-/EU-Konformitätserklärung

Wir, Grundfos, erklären in alleiniger Verantwortung, dass die Produkte ALPHA1, ALPHA2, ALPHA3, auf die sich diese Erklärung beziehen, mit den folgenden Richtlinien des Rates zur Angleichung der Rechtsvorschriften der EG-/EU-Mitgliedsstaaten übereinstimmen.

#### FR: Déclaration de conformité CE/UE

Nous, Grundfos, déclarons sous notre seule responsabilité, que les produits ALPHA1, ALPHA2, ALPHA3, auxquels se réfère cette déclaration, sont conformes aux Directives du Conseil concernant le rapprochement des législations des États membres CE/UE relatives aux normes énoncées ci-dessous.

#### IT: Dichiarazione di conformità CE/UE

Grundfos dichiara sotto la sua esclusiva responsabilità che i prodotti ALPHA1, ALPHA2, ALPHA3, ai quale si riferisce questa dichiarazione, sono conformi alle seguenti direttive del Consiglio riguardanti il riavvicinamento delle legislazioni degli Stati membri CE/UE.

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#### ALPHA1 & ALPHA2

Low Voltage Directive (2014/35/EU)

Standards used:

- EN 60335-1:2012/A11:2014 + A12:2017 + A13:2017
- EN 60335-2-51:2003/A1:2008/A2:2012
- EN62233:2008

EMC Directive (2014/30/EU)

Standards used:

- EN 55014-1:2006/A1:2009/A2:2011
- EN61000-3-2:2014
- EN 61000-3-3:2013
- EN 61000-6-2: 2005

Ecodesign Directive (2009/125/EC)

Commission Regulation (EC) No 641/2009

Commission Regulation (EC) No 622/2012

Standards used:

- EN 16297-1:2012
- EN 16297-2:2012

#### ALPHA3

Radio Equipment Directive (2014/53/EU)

Standards used:

- EN 60335-1:2012/A11:2014 + A12:2017 + A13:2017 ;  
EN 60335-2-51:2003/A1:2008/A2:2012 ; EN62233:2008
- EN 303 446-1 & -2 v1.1.0 (draft); EN 55014-1:2006/A1:2009/A2:2011;  
EN61000-3-2:2014 ; EN 61000-3-3:2013 ; EN 55032:2015 ;  
EN 61000-6-2:2005 ;  
EN 301 489-1 V2.2.0 ; EN 301 489-17 V3.2.0
- EN 300 328 V2.1.1

Ecodesign Directive (2009/125/EC)

Commission Regulation (EC) No 641/2009

Commission Regulation (EC) No 622/2012

Standards used:

- EN 16297-1:2012
- EN 16297-2:2012

Bjerringbro, January 20th 2018

Andreas Back-Pedersen

Senior Manager

GRUNDFOS Holding A/S, Poul Due Jensens Vej 7, 8850 Bjerringbro, Denmark

*Person authorised to compile technical file and empowered  
to sign the EC declaration of conformity.*



## Argentina

Bombas GRUNDFOS de Argentina S.A.  
Ruta Panamericana km. 37.500 Centro Industrial Garin 1619 Garin Pcia. de B.A.  
Phone: +54-3327 414 444  
Telefax: +54-3327 45 3190

## Australia

GRUNDFOS Pumps Pty. Ltd.  
PO. Box 2040 Regency Park South Australia 5942  
Phone: +61-8-8461-4611  
Telefax: +61-8-8340 0155

## Austria

GRUNDFOS Pumpen Vertrieb Ges.m.b.H.  
Grundfosstraße 2 A-5082 Grödig/Salzburg  
Tel.: +43-6246-883-0  
Telefax: +43-6246-883-30

## Belgium

NV. GRUNDFOS Bellux S.A.  
Boomsesteenweg 81-83 B-2630 Aartselaar  
Tél.: +32-3-870 7300  
Télécopie: +32-3-870 7301

## Belarus

Представительство ГРУНДФОС в Минске  
220125, Минск ул. Шафарнянская, 11, оф. 56, БЦ «Порт»  
Тел.: +7 (375 17) 286 39 72/73  
Факс: +7 (375 17) 286 39 71  
E-mail: minsk@grundfos.com

## Bosnia and Herzegovina

GRUNDFOS Sarajevo Zmaja od Bosne 7-7A, BH-71000 Sarajevo  
Phone: +387 33 592 480  
Telefax: +387 33 590 465  
www.ba.grundfos.com  
e-mail: grundfos@bih.net.ba

## Brazil

BOMBAS GRUNDFOS DO BRASIL

## Av. Humberto de Alencar Castelo

Branco, 630 CEP 09850 - 300 São Bernardo do Campo - SP  
Phone: +55-11 4393 5533  
Telefax: +55-11 4343 5015

## Bulgaria

Grundfos Bulgaria EOOD Slatina District Iztochna Tangenta street no. 100 BG - 1592 Sofia  
Tel. +359 2 49 22 200  
Fax. +359 2 49 22 201  
email: bulgaria@grundfos.bg

## Canada

GRUNDFOS Canada Inc. 2941 Brighton Road Oakville, Ontario L6H 6C9  
Phone: +1-905 829 9533  
Telefax: +1-905 829 9512

## China

GRUNDFOS Pumps (Shanghai) Co. Ltd.  
10F The Hub, No. 33 Suhong Road Minhang District Shanghai 201106 PRC  
Phone: +86 21 612 252 22  
Telefax: +86 21 612 253 33

## COLOMBIA

GRUNDFOS Colombia S.A.S. Km 1.5 via Siberia-Cota Conj. Potrero Chico, Parque Empresarial Arcos de Cota Bod. 1A.  
Cota, Cundinamarca  
Phone: +57(1)-2913444  
Telefax: +57(1)-8764586

## Croatia

GRUNDFOS CROATIA d.o.o. Buzinski prilaz 38, Buzin HR-10010 Zagreb  
Phone: +385 1 6595 400  
Telefax: +385 1 6595 499  
www.hr.grundfos.com  
GRUNDFOS Sales Czechia and Slovakia s.r.o. Čajkovského 21 779 00 Olomouc  
Phone: +420-585-716 111

## Denmark

GRUNDFOS DK A/S Martin Bachs Vej 3 DK-8850 Bjerringbro  
Tlf.: +45-87 50 50 50  
Telefax: +45-87 50 51 51  
E-mail: info\_GDK@grundfos.com  
www.grundfos.com/DK

## Estonia

GRUNDFOS Pumps Eesti OÜ Peterburi tee 92G 11415 Tallinn  
Tel: + 372 606 1690  
Fax: + 372 606 1691

## Finland

OY GRUNDFOS Pumput AB Trukkikuja 1 FI-01360 Vantaa  
Phone: +358-(0) 207 889 500

## France

Pompes GRUNDFOS Distribution S.A. Parc d'Activités de Chesnes 57, rue de Malacombe F-38290 St. Quentin Fallavier (Lyon)  
Tél.: +33-4 74 82 15 15  
Télécopie: +33-4 74 94 10 51

## Germany

GRUNDFOS GMBH Schlüterstr. 33 40699 Erkrath  
Tel.: +49-(0) 211 929 69-0  
Telefax: +49-(0) 211 929 69-3799  
e-mail: info.service@grundfos.de  
Service in Deutschland: e-mail: kundendienst@grundfos.de

## Greece

GRUNDFOS Hellas A.E.B.E. 20th km. Athinon-Markopoulou Av. P.O. Box 71 GR-19002 Peania  
Phone: +0030-210-66 83 400  
Telefax: +0030-210-66 46 273

## Hong Kong

GRUNDFOS Pumps (Hong Kong) Ltd. Unit 1, Ground floor Siu Wai Industrial Centre 29-33 Wing Hong Street & 68 King Lam Street, Cheung Sha Wan Kowloon  
Phone: +852-27861706 / 27861741  
Telefax: +852-27858664

## Hungary

GRUNDFOS Hungária Kft. Park u. 8

H-2045 Törökbálint, Phone: +36-23 511 110  
Telefax: +36-23 511 111

## India

GRUNDFOS Pumps India Private Limited 118 Old Mahabalipuram Road Thoraipakkam Chennai 600 096  
Phone: +91-44 2496 6800

## Indonesia

PT. GRUNDFOS POMPA Graha Intirub Lt. 2 & 3 Jln. Cililitan Besar No.454. Makasar, Jakarta Timur ID-Jakarta 13650  
Phone: +62 21-469-51900  
Telefax: +62 21-460 6910 / 460 6901

## Ireland

GRUNDFOS (Ireland) Ltd. Unit A, Merrywell Business Park Ballymount Road Lower Dublin 12  
Phone: +353-1-4089 800  
Telefax: +353-1-4089 830

## Italy

GRUNDFOS Pompe Italia S.r.l. Via Gran Sasso 4 I-20060 Truccazzano (Milano)  
Tel.: +39-02-95838112  
Telefax: +39-02-95309290 / 95838461

## Japan

GRUNDFOS Pumps K.K. 1-2-3, Shin-Miyakoda, Kita-ku, Hamamatsu 431-2103 Japan  
Phone: +81 53 428 4760  
Telefax: +81 53 428 5005

## Korea

GRUNDFOS Pumps Korea Ltd. 6th Floor, Aju Building 679-5 Yeoksam-dong, Kangnam-ku, 135-916 Seoul, Korea  
Phone: +82-2-5317 600  
Telefax: +82-2-5633 725

## Latvia

SIA GRUNDFOS Pumps Latvia Deglava biznesa centrs Augusta Deglava ielā 60, LV-1035, Rīga, Tālr.: + 371 714 9640, 7 149 641  
Fakss: + 371 914 9646

## Lithuania

GRUNDFOS Pumps UAB Smolensko g. 6 LT-03201 Vilnius  
Tel: + 370 52 395 430  
Fax: + 370 52 395 431  
Grundfos-selskaber

## Malaysia

GRUNDFOS Pumps Sdn. Bhd. 7 Jalan Peguam U1/25 Glenmarie Industrial Park 40150 Shah Alam Selangor  
Phone: +60-3-5569 2922  
Telefax: +60-3-5569 2866

## Mexico

Bombas GRUNDFOS de México S.A. de C.V. Boulevard TLC No. 15 Parque Industrial Stiva Aeropuerto Apodaca, N.L. 66600  
Phone: +52-81-8144 4000  
Telefax: +52-81-8144 4010

## Netherlands

GRUNDFOS Netherlands Veluwezoom 35 1326 AE Almere

Postbus 22015 1302 CA ALMERE  
Tel.: +31-88-478 6336  
Telefax: +31-88-478 6332  
E-mail: info\_gnl@grundfos.com

## New Zealand

GRUNDFOS Pumps NZ Ltd. 17 Beatrice Tinsley Crescent North Harbour Industrial Estate Albany, Auckland  
Phone: +64-9-415 3240  
Telefax: +64-9-415 3250

## Norway

GRUNDFOS Pumper A/S Strømsveien 344 Postboks 235, Leirdal N-1011 Oslo  
Tlf.: +47-22 90 47 00  
Telefax: +47-22 32 21 50

## Poland

GRUNDFOS Pompy Sp. z o.o. ul. Klonowa 23 Baranowo k. Poznań PL-62-081 Przeźmierowo  
Tel.: (+48-61) 650 13 00  
Fax: (+48-61) 650 13 50

## Portugal

Bombas GRUNDFOS Portugal, S.A. Rua Calvet de Magalhães, 241 Apartado 1079 P-2770-153 Paço de Arcos  
Tel.: +351-21-440 76 00  
Telefax: +351-21-440 76 90

## Romania

GRUNDFOS Pompe România SRL Bd. Biruintei, nr 103 Pantelimon county Ilfov  
Phone: +40 21 200 4100  
Telefax: +40 21 200 4101  
E-mail: romania@grundfos.ro

## Russia

ООО Грундфос Россия Shkolnaya, 39-41 Москва, RU-109544, Russia  
Тел. (+7) 495 564-88-00 (495) 737-30-00  
Факс (+7) 495 564 88 11  
E-mail: grundfos.moscow@grundfos.com

## Serbia

Grundfos Srbija d.o.o. Omladinskih brigada 90b 11070 Novi Beograd  
Phone: +381 11 2258 740  
Telefax: +381 11 2281 769  
www.rs.grundfos.com

## Singapore

GRUNDFOS (Singapore) Pte. Ltd. 25 Jalan Tukang Singapore 619264  
Phone: +65-6681 9688  
Telefax: +65-6681 9689

## Slovakia

GRUNDFOS s.r.o. Prievozská 4D 821 09 BRATISLAVA  
Phone: +421 2 5020 1426  
sk.grundfos.com

## Slovenia

GRUNDFOS LJUBLJANA, d.o.o. Leskova 9e, 1122 Ljubljana  
Phone: +386 (0) 1 568 06 10  
Telefax: +386 (0) 1 568 06 19  
E-mail: tehnika-si@grundfos.com

## South Africa

GRUNDFOS (PTY) LTD Corner Mountjoy and George Allen Roads Wilbart Ext. 2 Bedfordview 2008  
Phone: (+27) 11 579 4800

Fax: (+27) 11 455 6066  
E-mail: lsmart@grundfos.com

## Spain

Bombas GRUNDFOS España S.A. Camino de la Fuentequilla, s/n E-28110 Algete (Madrid)  
Tel.: +34-91-848 8800  
Telefax: +34-91-628 0465

## Sweden

GRUNDFOS AB Box 333 (Lunnagårdsgatan 6) 431 24 Mölndal  
Tel.: +46 31 332 23 000  
Telefax: +46 31 331 94 60

## Switzerland

GRUNDFOS Pumpen AG Bruggacherstrasse 10 CH-8117 Fällanden/ZH  
Tel.: +41-44-806 8111  
Telefax: +41-44-806 8115

## Taiwan

GRUNDFOS Pumps (Taiwan) Ltd. 7 Floor, 219 Min-Chuan Road Taichung, Taiwan, R.O.C.  
Phone: +886-4-2305 0868  
Phone: +886-4-2305 0878

## Thailand

GRUNDFOS (Thailand) Ltd. 92 Chaloeam Phrakiat Rama 9 Road, Dokmai, Pravej, Bangkok 10250  
Phone: +66-2-725 8999  
Telefax: +66-2-725 8998

## Turkey

GRUNDFOS POMPA San. ve Tic. Ltd. Sti. Gebze Organize Sanayi Bölgesi İhsan dede Caddesi, 2. yol 200. Sokak No. 204 41490 Gebze/ Kocaeli  
Phone: +90 - 262-679 7979

Telefax: +90 - 262-679 7905  
E-mail: satis@grundfos.com

## Ukraine

Бізнес Центр Європа Столичне шосе, 103 м. Київ, 03131, Україна  
Телефон: (+38 044) 237 04 00  
Факс: (+38 044) 237 04 01  
E-mail: ukraine@grundfos.com

## United Arab Emirates

GRUNDFOS Gulf Distribution P.O. Box 16768 Jebel Ali Free Zone Dubai  
Phone: +971 4 8815 166  
Telefax: +971 4 8815 136  
United Kingdom GRUNDFOS Pumps Ltd. Grovebury Road Leighton Buzzard/Beds. LU7 4TL  
Phone: +44-1525-850000  
Telefax: +44-1525-850011

## U.S.A.

GRUNDFOS Pumps Corporation 17100 West 118th Terrace Olathe, Kansas 66061  
Phone: +1-913-227-3400  
Telefax: +1-913-227-3500

## Uzbekistan

Grundfos Tashkent, Uzbekistan The Representative Office of Grundfos Kazakhstan in Uzbekistan 38a, Oybek street, Tashkent  
Телефон: (+998) 71 150 3290 / 71 1503291  
Факс: (+998) 71 150 3292

## Addresses Revised 07.06.2017

