

# WHITE GOODS

hatronic · haflowtic



# Your system partner for all your requirements

Resource efficiency has become a hot topic more than ever before and is also a cost issue deserving special attention. In order to succeed as a manufacturer of washing machines, dishwashers or dryers, you have to set these key factors to precisely suit your target group. HANNING is the right partner in this regard: We will help you to make sure that your products achieve the desired energy efficiency, water consumption and noise emission.

### Water consumption

No matter what consumption class your appliance has to achieve. HANNING has the right pump for you – from our innovative and water saving haflowtic compact DPO 20 to our powerful DPO 40.



### Energy efficiency

With HANNING pumps you'll achieve every desired efficiency rating. And more: At your request we will even exceed the current optimum, for instance, with our haflowtic varicon CPE.

### Noise emission

From our proven cost-optimized CPO series to the super-silent CPE series pump units, HANNING covers the entire price/performance range.

### Good to know

All our haflowtic products fulfill the „RoHS 2.0“ and „Reach“ directives and are available in part as aluminium magnet wire versions.



# moving ideas

Life is movement – something we have been infusing in the products of our customers for more than 70 years. Based on our slogan “moving ideas”, we at HANNING ELEKTRO-WERKE develop drive concepts and manufacture customized solutions that will put you ahead of the competition. As one of the leading manufacturers of electric and electronic drive systems and components in the world, that is our promise to you.

Our strength: We combine decades of experience and technical know-how with comprehensive market expertise. As a result, we understand your requirements and are able to think ahead, going the decisive step further. The result are drive components and systems that meet your requirements without any ifs or buts. Whether for washing mashines, dryers, dishwashers or other specific applications: At HANNING you get the drive solution that matches your requirements to a T.

moving ideas – typical HANNING. See for yourself!



## Ready for installation

A wide selection of powerful solutions from HANNING, that are individually adapted to your application.

## Flexible and forward-looking – HANNING’s modular system

At HANNING you can easily put together customized drives and drive systems on your own – to flexibly suit your requirements and at attractive conditions. This is possible thanks to HANNING’s modular system. Here you have the choice based on a wide variety of proven,

high-performance components that we combine together with you to create an intelligent complete solution.

Be it circulation or drain pumps: At HANNING you’ll find the right solution. What makes us so certain? We individually adapt all pumps for you – with BLDC or synchronous technology, equipped for the desired voltage and delivered ready for installation.

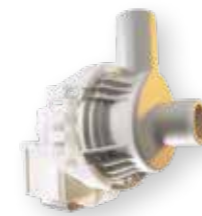
Be it as individual drive or system solution, with or without frequency inverter for possibly controlling another drain pump, with or without a heater: HANNING’s modular system offers you every possibility for individual drive configurations. Just tell us your requirements. We fulfill them and develop in close cooperation with you a drive concept that is

perfectly matched down to the smallest structural element. In turn you get a complete solution, with which you can reliably achieve your technical and financial objectives. To

this end, we incorporate our know-how while looking forward to your challenges.



DPO 20



DPS 25



DPS 35



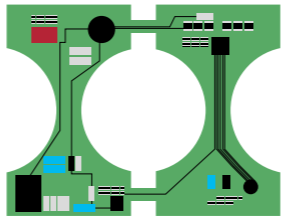
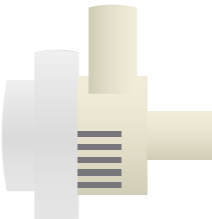





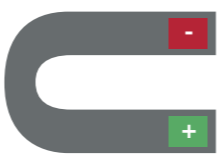

DPO 40

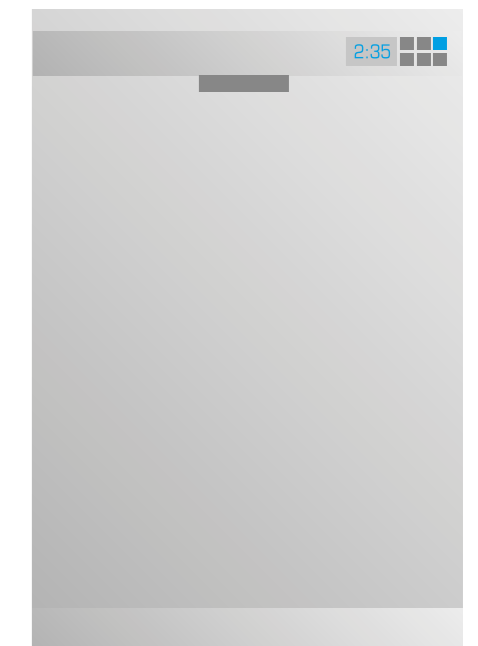


CPO 35



CPO 45

 Frequency inverters	 Drain pumps	 Heaters
 Approvals	 Mounting elements	 Hydraulic housing
 Flexible connecting pieces	 Magnets	 Electrical connections



### Your advantages at a glance

- Future viability due to maximum flexibility
- Everything from a single source
- Quick and simple changes thanks to the modular system



Further information can be found in our **haflowtic** and **hatronic** brochures.



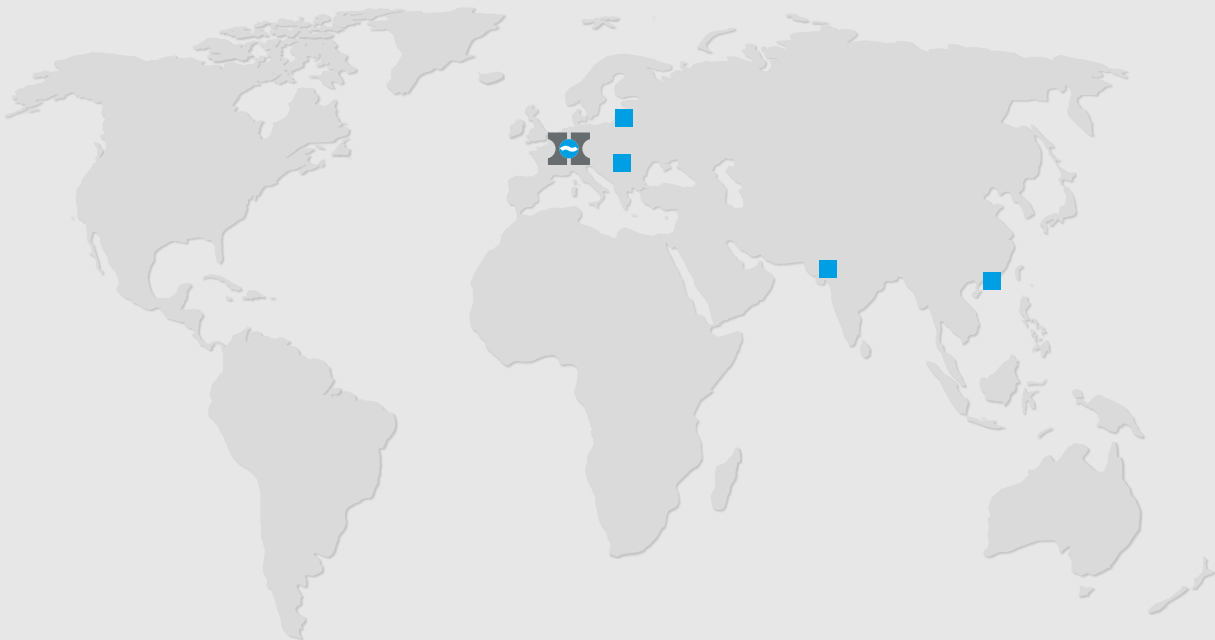


# HANNING

moving ■■■ ideas

HANNING ELEKTRO-WERKE GmbH & Co. KG  
Holter Straße 90, D-33813 Oerlinghausen  
Postbox 1361, D-33806 Oerlinghausen  
Germany

Tel +49 (5202) 707-0 · Fax +49 (5202) 707-301  
info@hanning-hew.com · [www.hanning-hew.com](http://www.hanning-hew.com)



**HANNING ELEKTRO-WERKE GmbH & Co. KG**  
Binning 5, D-17367 Eggesin, Germany

**UAB HANNING VILNIUS**  
Vytenio 50, LT-03229 Vilnius, Lithuania  
info@hanning-hv.com

**HANNING MOTORS ROMANIA SRL**  
Strada Petre Carp Nr. 19, Judetul Bihor  
410603 Oradea, Romania  
info@hanning-hmr.com

**HANNING (HONG KONG) Ltd.**  
Flat J, 20/F, Gold King Industrial Building  
35-41 Tai Lin Pai Road, Kwai Chung, N.T., Hong Kong  
info@hanning-hk.com

**HANNING MOTORS INDIA Pvt. Ltd.**  
Plot No. 80, Alindra-Manjusar GIDC, Tal.: Savli  
Dist.: Vadodara 391775, Gujarat, India  
info@hanning-hmi.com