

Pioneering for You

wilo

Product Brochure

Wilo-HiMulti 5

The beginning of the New Start



Wilo-HiMulti 5, The Beginning of the New Start

Our goal toward Wilo-HiMulti 5 was clear:
To set a new standard for a new challenge.
So we newly designed every single factor to create a better pump beyond
the one that used to funnel water only.

With the Quiet and Design that never existed before,
With the Solidity and Cleanness,
With the protection function and energy saving technology that only Wilo has,
Wilo-HiMulti 5 was created.

Wilo-HiMulti 5 is not the pressure pump you used to know.
It is the beginning of the new start.
It is the beginning of the quiet innovation.



The Quietest

Low noise – 50dB lower than normal conversation noise 60 dB

Energy Saving

High efficiency with inverter technology
Up to 33% Energy savings

New design and red button

Completely new design and easy setup via green button

Rust Free

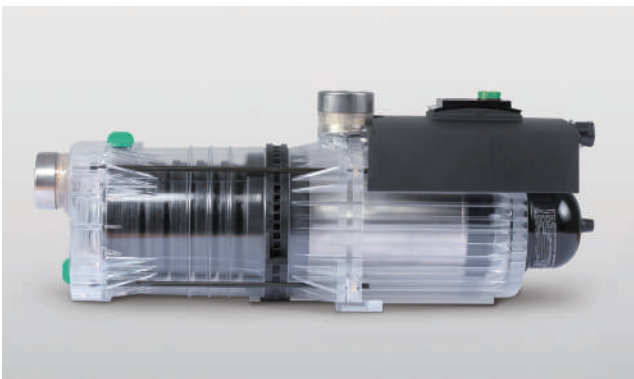
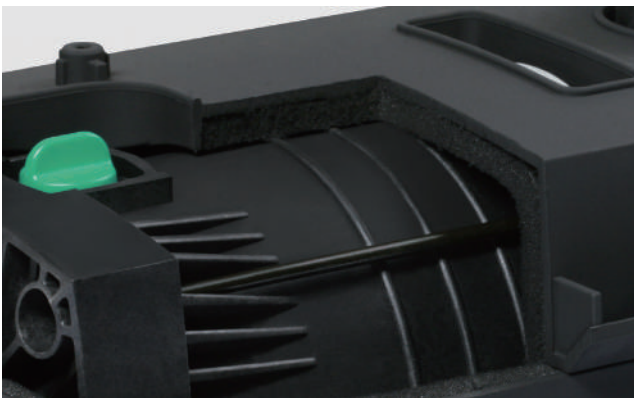
Applied engineering plastic with high corrosion resistance to all parts, contacting water

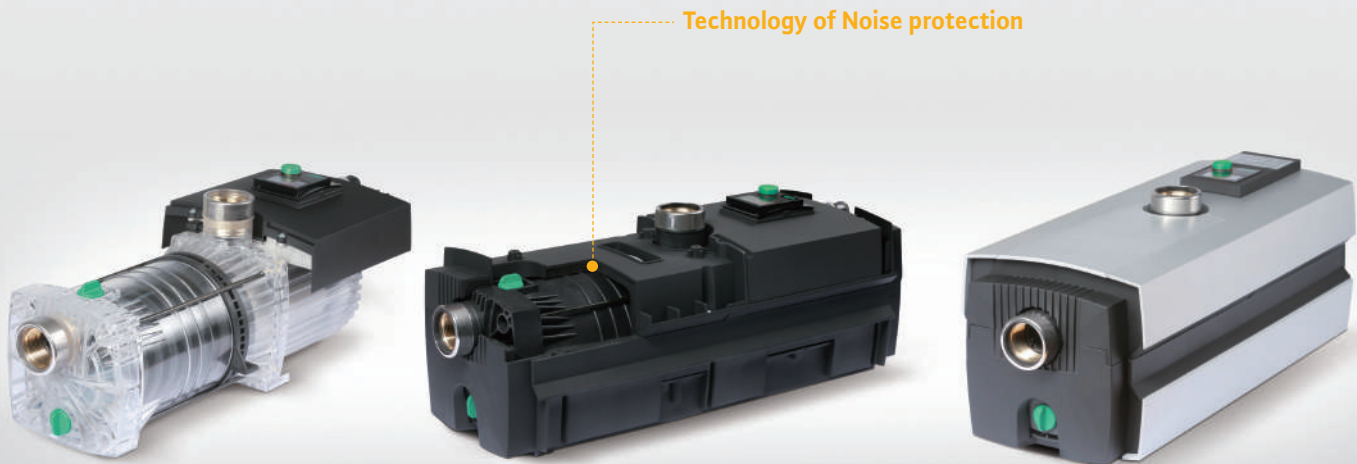
Protection function

Able to use more safely and economically with remarkable protection function

Self-Priming

Suction available up to 8m





Spark the quiet innovation!

Lowest noisy level 50dB with Low Noise Technology



120dB : Painful noise
 80dB : Subway noise
 60dB : Normal Conversation
 ► 50dB : Wilo-HiMulti 5
 40dB : Library, Quiet residential area

Wilo-HiMulti 5 contains low noise technology that helps you comfortably use the pump without any noise.

It absorbs any little noise by two noise blocking covers created by Wilo's 150 year-low noise technology.

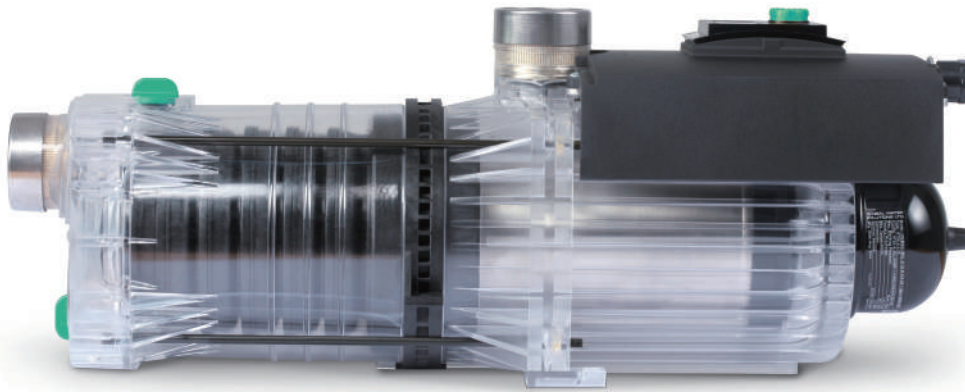
It is silent as well since it has a water cooling jacket, not a cooling fan to heat off of it.

With the perfect design that blocks up all the noises, Wilo-HiMulti 5 boasts the lowest noise 50dB, which is lower than normal conversation noise 60dB.

* 50dB is measured at the rated flow.

Clean and Clear with no rust

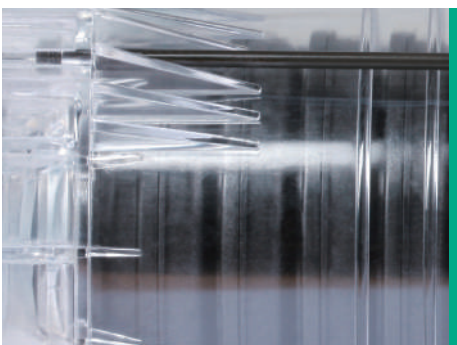
Reliable engineering plastic



Needs of clean and safe water have been increasing more and more. People are strict on drinking water. However, still widely used are old casting pumps that easily rust.

To feel safe while using water, we applied remarkable engineering plastic with high corrosion resistance to any parts contacting water.

With Wilo-HiMulti 5, you can use clean and safe water without any rust from now on.



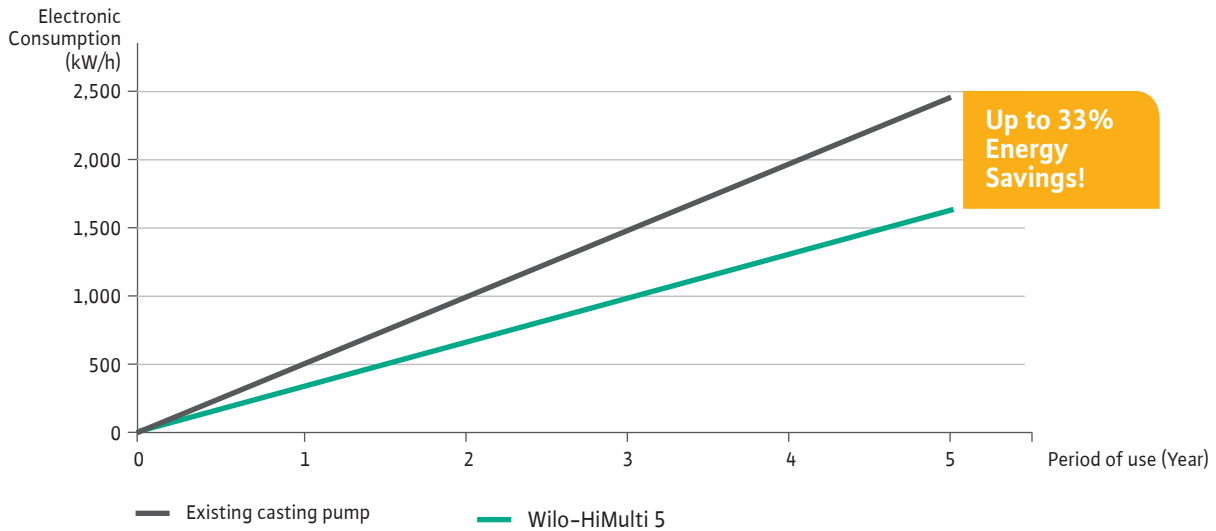
Applied new material,
approved by FDA

KC in Korea
DWA certificate(ACS,WRAS, KTW) in Europe



The more efficiently

Up to 33% energy savings with the inverter technology



Old pumps had only focused on water supply.

So, they were inefficient since taps were operated at the same speed regardless of the amount of water.

With the inverter technology, Wilo-HiMulti 5 automatically changes the speed based on the amount of water used. It helps Wilo-HiMulti 5 to effectively use the energy as needed.

Experience Wilo's remarkable energy-saving technology that saves energy up to 33% compared to existing pumps!

Wilo-HiMulti 5 implements superior energy-savings with high efficiency and the inverter technology





New design, New use

Completely new design and green button

Wilo-HiMulti 5 has a form of a smoothly finished rectangular, which former pumps never had before. Its silver color makes it look fancy. Wilo-HiMulti 5 has a beautiful design adopting a strong engineering plastic for hydraulic parts and casing.



We know that many people can't handle the pumps with an ease. When needed, however, you should change the speed of the pumps on your own, and be ready for any problems.

So, we implemented easy setup via LDC displays and a green button, Wilo's representative user interface.

You can control the speed, rotating the red button. You can also get an alarm when any problems occur.

Safety and High-Efficiency

Various protection functions

Water pumps play an important role, dealing with 'Water' which we need most in our lives. So, functions that forestall problems and protect pumps are directly connected to a comfortable life.

Wilo-HiMulti 5 will be used more safely and economically, with various protection functions that existing casting pumps don't have.



Over pressure protection

Pump stops when it find the abnormal pressure increment. It will restart automatically after removing risk things.



Dry running protection

Auto-stop to protect a pump when water supply is not available due to suction parts



Over current protection

Auto-Stop to protect a motor when contamination caused.



Over/Low voltage protection

Auto-stop to protect a pump when abnormal voltage flows, for the inverter type.



Blocked rotor protection

Auto-stop after a period of time to protect pump when frequent starting occur due to leak or when it's driven with a valve almost closed on manual



Anti-freezing & Excessive temperature protection

Auto-stop after a period of time to protect pump when frequent starting occur due to leak or when it's driven with a valve almost closed on manual.

Wilo-HiMulti 5

Technical Data



Model code identification

Wilo-HiMulti 5-4 5 i P Q

① ② ③ ④ ⑤

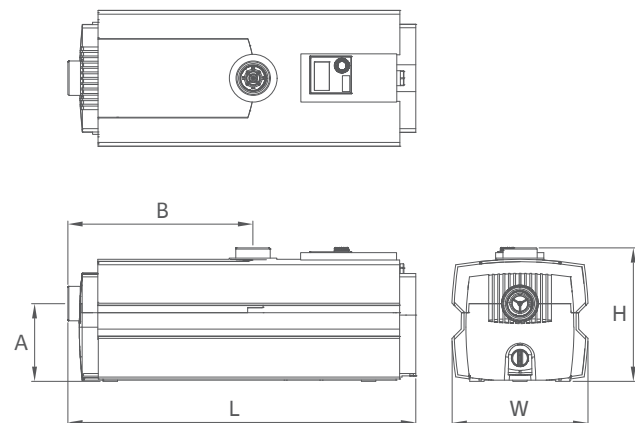
① 4	Rated flow (m ³ /h)
② 5	Impeller stages
③ i	Inverter
④ P	P: Self-Priming
⑤ Q	Low noise

Applications

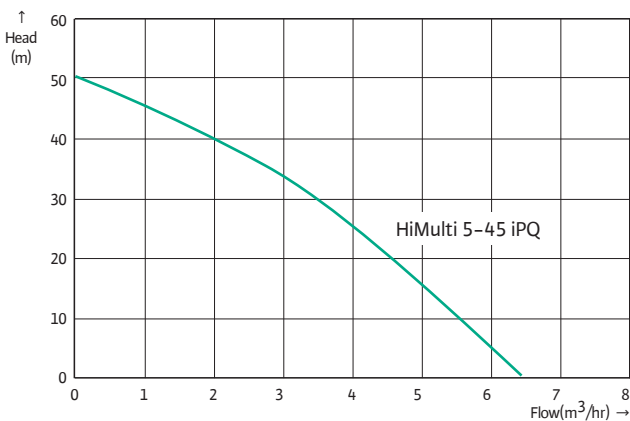
- Pumps designed for pumping and pressure boosting of clean water* in the residential sectors.
- Pressure boosting of water from roof tank, break tank, ground tank, other static water supply etc.
- Water supply from shallow well. This pump is for indoor installation.

*clean water : pH6~8, no foreign matter (can occur decrease in abrasion resistance of product and nstable automatic operation due to foreign matters)

Dimension Drawing



Performance Curve



Unit : mm

Model	H	W	L	A	B
HiMulti 5-45 iPQ	222	228	584	131	311

Wilo-HiMulti 5						
Model	Power Source	Input (W)	Head (m)	Flow (m ³ /hr)	Connection Dia. (mm,inch)	
HiMulti 5-45 iPQ	1ph 220~230V 50Hz/60Hz	750	50	6.6	32mm(1 1/4")	

Wilo-HiMulti 5 Replacement Guide

PW-600SMA → Wilo-HiMulti 5 (Diameter 32mm / Stainless Steel Pipe)

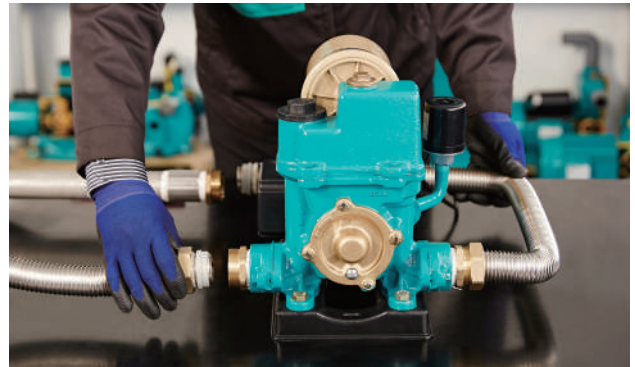


← Tools and Spare parts

- Teflon Tape
- Monkey Spanner
- Pipe Wrench
- Screwdriver
- *Additional piping when necessary

! Make sure to begin after disassembly of pumps

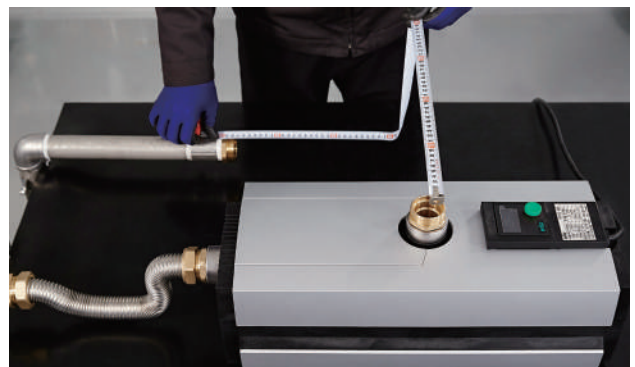
1 Dismantle valve socket and PW-600SMA suction parts **2** Remove the existing product from a wrinkling pipe



3 Prepare Wilo-HiMulti 5



4 Measure the length of the required wrinkling pipe



5 Preparing the suitable size of wrinkling pipe to connect the pump.



6 Connecting the wrinkling pipes right after the assembling a valve socket at Suction & Discharge parts



7 Put priming water

* Fill it up until it overflows



8 Wilo-HiMulti 5 replacement done!



9 Connect to power and set Operating condition



For more videos for replacement guide,
Please visit Wilo Korea YouTube channel.



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