



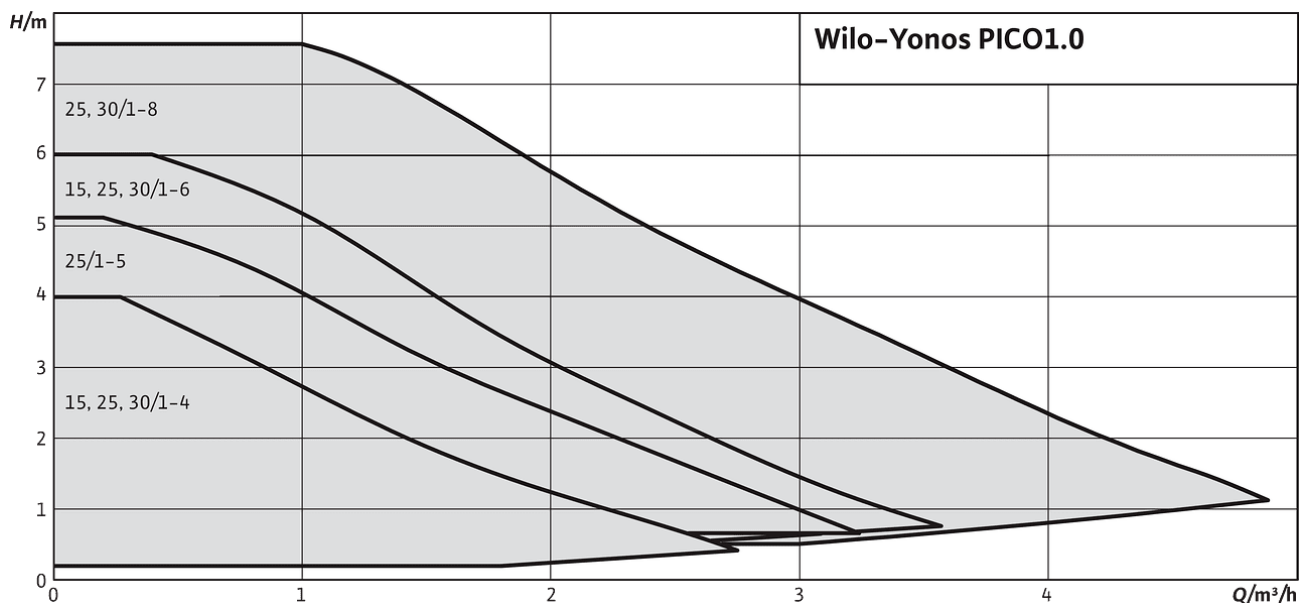
### Even more convenience, even less power consumption.

A visible symbol of the new generation of high-efficiency pumps for heating and air-conditioning systems in residential dwellings is the green operating button, which provides maximum convenience in commissioning and maintenance. Default settings for radiators or underfloor heating – symbolised by pictograms – save time during commissioning. The energy efficiency was improved once more and the power consumption is thus even lower and shown on the LED display. And thanks to the more compact construction, pump replacement is now even easier.



### Your advantages

- > Maximum operating convenience owing to the Green Button Technology with intuitive user interface
- > Optimised energy efficiency owing to EC motor technology, settings with an accuracy of 0.1 m and display of current power consumption
- > Quick and easy installation and smooth replacement owing to the new, optimised design
- > Easy maintenance and high degree of operational reliability due to protective functions such as automatic restart or manual air venting function
- > Maximum operational reliability based on proven technology



### Design

Glandless circulator with screwed connection, blocking-current proof EC motor and integrated electronic power control.

### Application

All hot-water heating systems, air-conditioning applications, industrial circulation systems.

## Equipment/function

### Control modes

- >  $\Delta p$ -c for constant differential pressure
- >  $\Delta p$ -v for variable differential pressure

### Manual functions

- > Setting the control mode
- > Setting of pump output (delivery head)
- > Pump venting function

### Automatic functions

- > Continuous power adjustment depending on the control mode
- > Automatic deblocking function

### Signal and display functions

- > Display of power consumption in W
- > Display of the current delivery head for setting
- > Display of fault messages (error codes)
- > Display of the activated pump venting function

### Equipment

- > Wrench attachment point on pump body
- > Quick electrical connection with Wilo-Connector
- > Blocking-current proof motor
- > Particle filter

## Typekey

Example:	Wilo-Yonos PICO1.0 25/1-4-130
Yonos	High-efficiency pump (screw-end pump), electronically controlled
PICO1.0	
25/	Nominal connection diameter
<b>1-4</b>	Nominal delivery head range [m]
<b>130</b>	Port-to-port length

## Technical data

- > Fluid temperature -10 °C to +95 °C
- > Mains connection 1~230 V, 50 Hz
- > Protection class IPX4D
- > Screwed connection Rp ½, Rp 1 and Rp 1¼
- > Max. operating pressure 10 bar

## Materials

- > Pump housing: Grey cast iron (EN-GJL-200)
- > Impeller: Plastic (PP - 40% GF)
- > Pump shaft: Stainless steel
- > Bearing: carbon, metal impregnated

## Delivery state

- > Pump
- > Wilo-Connector
- > Seals
- > Installation and operating instructions

## Product list

Product description	Pump connection	Energy efficiency index (EEI)	Port-to-port length <i>L<sub>0</sub></i>	Maximum operating pressure <i>P<sub>N</sub></i>	Mains connection	Gross weight, approx. <i>m</i>	Pieces per pallet	Article number
Yonos PICO1.0 15/1-4	G 1	0.18	130 mm	10 bar	1~230 V, 50/60 Hz	1.8 kg	198	4248080
Yonos PICO1.0 15/1-6	G 1	0.20	130 mm	10 bar	1~230 V, 50/60 Hz	1.8 kg	198	4248081
Yonos PICO1.0 25/1-4	G 1½	0.18	180 mm	10 bar	1~230 V, 50/60 Hz	2 kg	198	4248082
Yonos PICO1.0 25/1-4-130	G 1½	0.18	130 mm	10 bar	1~230 V, 50/60 Hz	1.9 kg	198	4248083
Yonos PICO1.0 25/1-6	G 1½	0.20	180 mm	10 bar	1~230 V, 50/60 Hz	2 kg	198	4248084
Yonos PICO1.0 25/1-6-130	G 1½	0.20	130 mm	10 bar	1~230 V, 50/60 Hz	1.9 kg	198	4248085
Yonos PICO1.0 25/1-8	G 1½	0.23	180 mm	10 bar	1~230 V, 50/60 Hz	2.3 kg	198	4248086
Yonos PICO1.0 25/1-8-130	G 1½	0.23	130 mm	10 bar	1~230 V, 50/60 Hz	2.1 kg	198	4248087
Yonos PICO1.0 30/1-4	G 2	0.18	180 mm	10 bar	1~230 V, 50/60 Hz	2.2 kg	198	4248088
Yonos PICO1.0 30/1-6	G 2	0.20	180 mm	10 bar	1~230 V, 50/60 Hz	2.2 kg	198	4248089
Yonos PICO1.0 30/1-8	G 2	0.23	180 mm	10 bar	1~230 V, 50/60 Hz	2.4 kg	198	4248091
Yonos PICO1.0 25/1-5-130	G 1½	0.20	130 mm	10 bar	1~230 V, 50/60 Hz	1.9 kg	198	4248092