

Wilo-Yonos PICO





Save valuable time during installation and commissioning.

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, together with new functions, 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 is shown alternating with the flow. And thanks to the more compact construction, pump replacement is now even easier.



Recommended services



System Optimisation



Energy Solutions

Your advantages

- > Maximum operating convenience owing to the Green Button Technology with new, intelligent settings, intuitive user interface and new functions
- > 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 exchange owing to the new, optimised construction
- > Easy maintenance and high degree of operational reliability due to automatically and manually triggered restart or pump venting function
- > Maximum operational reliability owing to proven technology



Product features

- 1 Green Button Technology
- 2 Intuitive user interface assisted by standard symbols
- 3 Compact, standardised design
- 4 EC motor technology
- 5 Direct access to the Wilo-Connector
- 6 Direct access to motor screws
- 7 Display of fault messages
- 8 Manual restart function
- 9 Venting routine

Eco-friendly features

- > High-efficiency pump with automatic power adjustment ($EEI \leq 0.20$)
- > Sustainable and carbon-neutral production and processes in our European factories



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

Operating modes

- > Constant differential pressure
- > Variable differential pressure
- > Constant speed (3 control pump curves)

Manual functions

- > Setting the operating mode in accordance with the application
- > Setting of pump output (delivery head)
- > Setting the constant speed
- > Pump venting function
- > Manual restart

Automatic functions

- > Infinitely variable power adjustment according to the operating mode
- > Automatic restart

Signal and display functions

- > Display of power consumption in W
- > Display of delivery head for setting
- > Indication of fault signals (error codes)
- > Display of manually activated restart or pump venting function

Equipment

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

Typekey

Example: **Wilo-Yonos PICO 30/1-4**
Yonos High-efficiency pump (screw-end pump),
PICO electronically controlled
30/ Nominal connection diameter
1-4 Nominal delivery head range [m]

Technical data

- > Fluid temperature -10 °C to +95 °C
- > Mains connection 1~230 V, 50 Hz
- > Protection class IPX4D
- > Screwed connection G1, G1½, G2
- > 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

Scope of delivery

- > Pump
- > Wilo-Connector
- > Gaskets for threaded connection
- > Installation and operating instructions

Options

- > Yonos PICO ...-130 version with short port-to-port length of 130 mm

Accessories

- > Screwed connections
- > Adapter fittings
- > Thermal insulation

Product list

Product description	Pump connection	EEI	Port-to-port length L0	Maximum operating pressure PN	Mains connection	Gross weight, approx. m	Pieces per pallet	Article number
Yonos PICO 15/1-4	G 1	≤0.18	130 mm	10 bar	1~230 V, 50/60 Hz	1.8 kg	198	4215511
Yonos PICO 15/1-6	G 1	≤0.20	130 mm	10 bar	1~230 V, 50/60 Hz	1.8 kg	198	4215512
Yonos PICO 25/1-4	G 1½	≤0.18	180 mm	10 bar	1~230 V, 50/60 Hz	2 kg	198	4215513
Yonos PICO 25/1-4-130	G 1½	≤0.18	130 mm	10 bar	1~230 V, 50/60 Hz	1.9 kg	198	4215514
Yonos PICO 25/1-5-130	G 1½	≤0.20	130 mm	10 bar	1~230 V, 50/60 Hz	1.9 kg	198	4215522
Yonos PICO 25/1-6	G 1½	≤0.20	180 mm	10 bar	1~230 V, 50/60 Hz	2 kg	198	4215515
Yonos PICO 25/1-6-130	G 1½	≤0.20	130 mm	10 bar	1~230 V, 50/60 Hz	1.9 kg	198	4215516
Yonos PICO 25/1-8	G 1½	≤0.23	180 mm	10 bar	1~230 V, 50/60 Hz	2.3 kg	198	4215517
Yonos PICO 25/1-8-130	G 1½	≤0.23	130 mm	10 bar	1~230 V, 50/60 Hz	2.1 kg	198	4215518
Yonos PICO 30/1-4	G 2	≤0.18	180 mm	10 bar	1~230 V, 50/60 Hz	2.2 kg	198	4215519
Yonos PICO 30/1-6	G 2	≤0.20	180 mm	10 bar	1~230 V, 50/60 Hz	2.2 kg	198	4215520
Yonos PICO 30/1-8	G 2	≤0.23	180 mm	10 bar	1~230 V, 50/60 Hz	2.4 kg	198	4215521

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