

## Wilo-Atmos PICO





### Quickly upgrade to an energy-saving heating pump.

The green button, a simple user interface and the standard design make the Wilo-Atmos PICO a high-efficiency pump and the ideal entry-level product for detached and semi-detached houses. Equipped with the most essential settings and functions, it can be put into operation for heating, air conditioning and cooling applications extremely quickly and easily. Recommended for use above all as a replacement of old, uncontrolled pumps with asynchronous motors.



### Recommended services



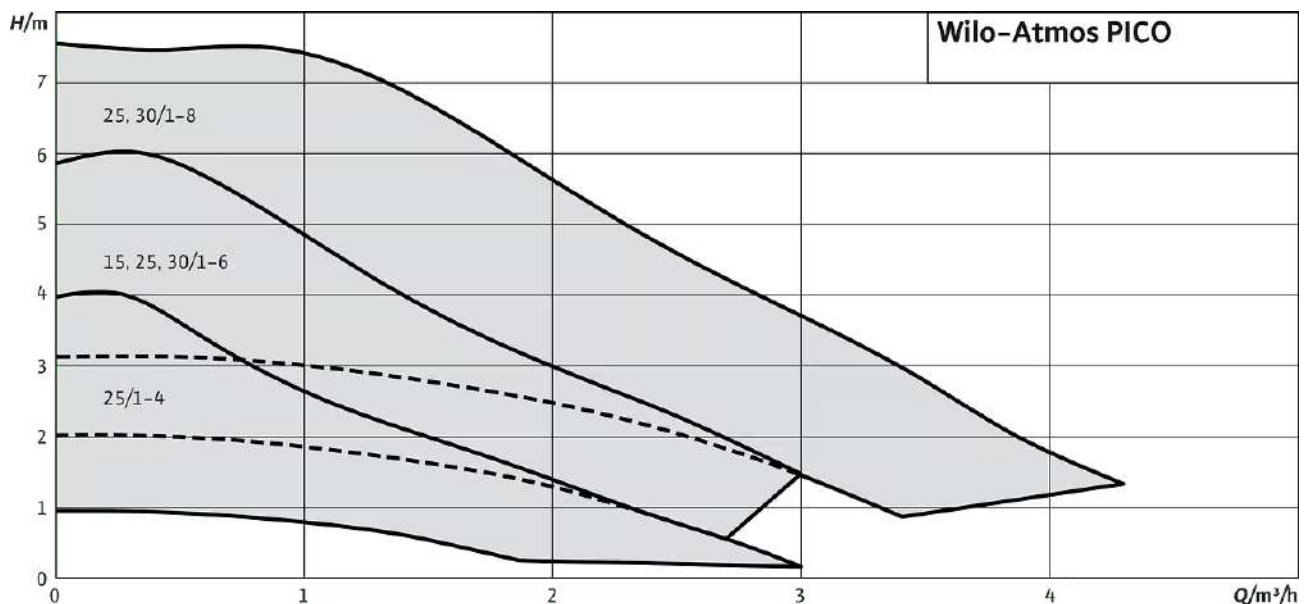
Supervision



Commissioning

### Your advantages

- > Energy-efficient EC motor technology with two control modes and three characteristic curves each
- > Green operating button and simple user interface for basic setting ensure comfortable operation
- > Compact design for quick and easy installation in case of replacement
- > Proven technology and protective features ensure reliable operation.



### 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

- > Variable differential pressure (3 pre-defined characteristic curves)
- > Constant speed (3 speed stages)

### Manual functions

- > Setting the operating mode
- > Setting of pump output (characteristic curve)
- > Setting the constant speed

### Automatic functions

- > Automatic restart

### Signal and display functions

- > Display of selected control mode
- > Display of selected characteristic curve in the control mode
- > Signal display
  - > LED is lit up in green in normal operation
  - > LED lights up/flashes in the case of a fault

### Equipment

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

### Typekey

Example: Wilo-Atmos PICO 25/1-6-130  
 Atmos High-efficiency pump (screw-end pump),  
 PICO electronically controlled  
 25/ Nominal connection diameter

## Technical data

- > Fluid temperature -10 °C to +95 °C
- > Mains connection 1~230 V, 50 Hz
- > Protection class IPX2D
- > 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
- > Seals
- > Installation and operating instructions

## Options

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

## Accessories

- > Screwed connections
- > Adapter fittings
- > Thermal insulation
- > Wilo-Connector with 2 m connection cable and shockproof plug
- > Angle plug with 2 m connection cable

## Product list

Product description	Pump connection	EEI	Port-to-port length LO	Maximum operating pressure PN	Mains connection	Gross weight, approx. m	Pieces per pallet	Article number
Atmos PICO 25/1-6-130	G 1½	≤0.20	130 mm	10 bar	1~230 V, 50/60 Hz	1.9 kg	198	4232693
Atmos PICO 25/1-8	G 1½	≤0.23	180 mm	10 bar	1~230 V, 50/60 Hz	2.3 kg	198	4232696

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