

Wilo-Atmos PICO

Simple, reliable, efficient!

An entry level, compact, high efficiency circulation pump.



4232693 – 6m

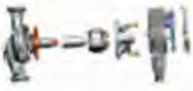
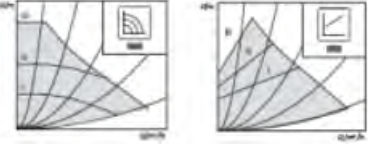

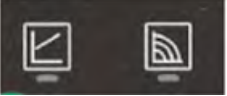
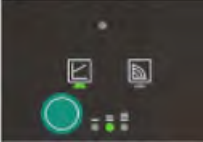





4232696 – 8m

The Wilo Atmos PICO is the ideal entry-level pump with a simple user interface and standard design. 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.

- Entry level small circulator based with renewed aesthetics and construction.
- Variable differential pressure, allowing the pump to modulate to the requirements of the system ensuring efficiency and energy savings.
- High performance range up to 8m.
- Ease of installation with the compact design, Wilo connector at the side and front access to motor screws.
- Proven high efficiency EC motor technology.
- Easy to use settings, with a push button for selection, two operating modes and six curves identified by 5 LEDs.

Standard-equipped with:

- Preselectable control modes for optimum load adjustment:
 - Variable differential pressure ($\Delta p-v$), with 3 pre-defined characteristic curves,
 - Constant speed (3 constant speed stages)
- LED display of selected control mode
- LED 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 case of a fault
- Minimal consumption only 4 W
- Integrated motor protection
- Automatic deblocking function
- High starting torque
- Pump housing made of grey cast iron, impeller made of polypropylene, stainless steel shaft with metal-impregnated carbon friction bearings.

Technical feature	Customer benefit
ENERGY PERFORMANCE	
Standard EEI 	To be in line with the market requirement in terms of energy efficiency.
6 settings available 	Pump can be set easily with preselected curves
SMART SETTINGS	
Green push button for setting 	Settings can be chosen with one button.
Δp-v and n const mode 	Δp -v is needed for radiators and Erp rules ; n constant reminds installer of the old pumps
Simple 6 LED display 	Information is given by 6 LEDs display: operation mode and curve selected are clearly identified
EASIER INSTALLATION & MAINTENANCE	
Smart connector position 	Connector is positioned on the side and not in the middle of the terminal box, with reduced risk of collision with valve gates during installation.
Front access to motor screws 	In case the motorhead needs to be turned to adapt the installation, easier access to screw.
Compact design 	No surprises during replacement due to lack of space and no additional to adapt installation.
Quick connection without tools 	The electrical connections can be done without tools.
Run signal/fault signal LED 	The LED is green when pump is running well and becomes red in case a fault is detected.

Product features



Feature	ATMOS PICO 25/1-6-130 - 4232693	ATMOS PICO 25/1-8-180 - 4232696
Field of application	Heating/floor heating/ air conditioning	Heating/floor heating/ air conditioning
Performance range	6m to 3.5 m ³ /h	8m to 4.3 m ³ /h
Water temp at max ambient temp of +40°C	-10°C/95°C	-10°C/95°C
Protection class	IPX2D	IPX2D
Min/max power consumption	4-40W	4-75W
Display	7 LEDs	7 LEDs
Operation	Push button	Push button
Setting (nb curves)	6 curves	6 curves
Regulation Modes	Δp -v, 3 speeds	Δp -v, 3 speeds
Faults management	LED with blinking code	LED with blinking code
Quick connection	yes	yes
Dejamming	Automatic	Automatic
Compactness (L2 dimension)	94.1	94.1
EEl	≤0.23	≤0.23

Duty chart

