



Product range	Glandless premium high-efficiency pumps	Glandless standard high-efficiency pumps	Glandless standard high-efficiency pumps
Series	Wilo-Stratos PICO	Wilo-Yonos PICO Wilo-Yonos PICO-D	Wilo-Yonos ECO...-BMS
Field of application	Heating, air-conditioning, cooling	Heating, air-conditioning, cooling	Heating, air-conditioning, cooling
Duty chart			
Design	Glandless circulation pump with screwed connection, EC motor and automatic power adjustment	Glandless circulation pump with screwed connection, EC motor and automatic power adjustment	Glandless circulation pump with screwed connection, EC motor and automatic power adjustment
Application	Hot-water heating systems of all kinds, air-conditioning applications, industrial circulation systems	Hot-water heating systems of all kinds, air-conditioning applications, industrial circulation systems	Hot-water heating systems of all kinds, air-conditioning systems, closed cooling circuits, industrial circulation systems
Volume flow Q max.	4 m ³ /h	5.5 m ³ /h	3 m ³ /h
Delivery head H max.	6 m	8 m	5 m
Technical data	<ul style="list-style-type: none"> → Fluid temperature +2 °C to +110 °C → Mains connection 1~230 V, 50 Hz → Energy Efficiency Index (EEI) ≤ 0.20 (see also rating plate) → Protection class IP X4D → Screwed connection Rp ½, Rp 1 and Rp 1¼ → Max. operating pressure 10 bar 	<ul style="list-style-type: none"> → Fluid temperature -10 °C to +95 °C → Mains connection 1~230 V, 50 Hz → Energy Efficiency Index (EEI) ≤ 0.20 (see also rating plate) → Protection class IP X2D → Screwed connection Rp ½, Rp 1 and Rp 1¼ → Max. operating pressure 6 bar 	<ul style="list-style-type: none"> → Fluid temperature -10 °C to +110 °C → Mains connection 1~230 V, 50 Hz → Energy Efficiency Index (EEI) ≤ 0.20 (see also rating plate) → Protection class IP X4D → Screwed connection Rp 1 and Rp 1¼ → Max. operating pressure 10 bar
Equipment/function	<ul style="list-style-type: none"> → Control mode: Δp-c and Δp-v (Dynamic Adapt) → Automatic setback operation → Automatic venting routine → Automatic deblocking function → Display of the current power consumption or current flow and cumulative kWh → Reset function for the electricity meter or to factory settings → Hold function (Key lock) → Blocking-current proof motor → Particle filter → Quick electrical connection with Wilo-Connector → Options: version with red brass pump housing; version with short port-to-port length 130 mm 	<ul style="list-style-type: none"> → Control mode: Δp-c and Δp-v → Setting of pump output (delivery head) → Automatic venting function → Automatic deblocking function → LED display for setting the setpoint and displaying actual consumption in watts → Blocking-current proof motor → Particle filter → Quick electrical connection with Wilo-Connector → Options: <ul style="list-style-type: none"> - Versions with short port-to-port length 130 mm 	<ul style="list-style-type: none"> → Control modes: Δp-c, Δp-v and manual control mode (n = constant) → Control input "Analog In 0 - 10 V" (remote speed control) → Collective fault signal (potential-free NC contact) → Control cable (4-core, 1.5 m) for connecting SSM and 0-10 V → Quick electrical connection with Wilo-Connector → Blocking-current proof motor → Deblocking function → Standard thermal insulation for heating applications
Special features	<ul style="list-style-type: none"> → Use in heating and air-conditioning system from +2 °C to +110 °C → Only 3 watts min. power consumption → Display for showing the current power consumption or current flow and the cumulative kWh → Wilo-Connector → Additional functions: Dynamic Adapt, venting routine, night setback function, key lock and reset function 	<ul style="list-style-type: none"> → LED display for setting the setpoint in 0.1 m steps and for showing the current consumption → Electrical connection with the Wilo-Connector - no tools needed → Unique pump venting function → Easy set-up when replacing an uncontrolled standard pump with pre-selectable speed stages, e.g. Wilo-Star-RS → Very high starting torque for safe start-up 	<ul style="list-style-type: none"> → Potential-free collective fault signal (SSM) for connection to external monitoring unit (e.g. building automation) and control input 0-10 V → Control cable (4-core, 1.5 m) for connecting SSM and 0-10 V → Wilo-Connector → Thermal insulation as standard → Pump housing with cathaporetic coating protects against corrosion due to condensation formation
Information	Online catalogue: productfinder.wilo.com Building Services catalogue: Heating, air-conditioning, cooling	Online catalogue: productfinder.wilo.com Building Services catalogue: Heating, air-conditioning, cooling	Online catalogue: productfinder.wilo.com Building Services catalogue: Heating, air-conditioning, cooling