



Product range	Particle separator systems for closed HVAC loops	Particle separator systems for closed HVAC loops	Control devices
Series	Wilo-SiClean	Wilo-SiClean Comfort	Wilo-CC/CCe-HVAC system Wilo-SC/SC-FC/SCe-HVAC system Wilo-VR-HVAC system
Field of application	Heating, air-conditioning, cooling	Heating, air-conditioning, cooling	Heating, air-conditioning, cooling
Duty chart	no illustration	no illustration	no illustration
Design	Compact particle separator kit, consisting of mechanical and hydraulic components. Manual emptying of the system.	Fully-automatic, compact particle separator, provided as "Plug & Play" version, consisting of mechanical and hydraulic components. The system is drained automatically.	
Application	SiClean removes magnetic and non-magnetic particles from heating systems via natural physical phenomena. Installation in commercial properties and heating/air-conditioning systems for district heating.	SiClean Comfort removes particles from heating systems using natural physical phenomena. For installation in commercial properties and heating/air-conditioning systems for district heating.	Switchgear for controlling 1 to 6 pumps
Volume flow Q max.	4 m ³ /h	47 m ³ /h	–
Delivery head H max.	–	–	–
Technical data	→ Fluid temperature 0 °C to +95 °C → Mains connection: 1~230 V, 50 Hz	→ Fluid temperature 0 °C to +95 °C → Mains connection: 3~400 V, 50 Hz	–
Equipment/function	<ul style="list-style-type: none"> → Anti-corrosive, hydraulic components → Fabric-reinforced hoses connected to inlet and outlet of the particle separator → Pre-assembled venting unit for expulsion of microbubbles → Movable magnetic rods for separation of iron oxide particles → Volume flow limiter → Manual purge valve for draining of collected particles → Switchbox for monitoring the circulation pump 	<ul style="list-style-type: none"> → Corrosion-resistant, hydraulic components → Fabric-reinforced hoses connected to inlet and outlet of the particle separator → Pre-assembled flushing device including electronic drain valve and additional safety valve → Automatic draining of the particle collection chamber → SC switchgear → Separator for removing magnetic and non-magnetic particles 	<p>Wilo-CC-HVAC system</p> <ul style="list-style-type: none"> → Comfort control system for 1 to 6 pumps switched in parallel, with fixed speed <p>Wilo-CCe-HVAC system</p> <ul style="list-style-type: none"> → Comfort control system for 1 to 6 pumps with integrated electronics/speed control or external frequency converter control <p>Wilo-VR-HVAC system</p> <ul style="list-style-type: none"> → Vario controller for 1 to 4 pumps switched in parallel, with integrated speed control <p>Wilo-SC-HVAC system</p> <ul style="list-style-type: none"> → Smart controller for 1 to 4 pumps switched in parallel → SC and SC-FC versions for standard pumps with fixed speed → SCe version for infinitely variable, electronically controlled pumps or pumps with integrated frequency converter
Special features	<ul style="list-style-type: none"> → Removal of magnetic and non-magnetic particles from the medium, venting of micro bubbles → High cleaning efficiency due to physical effects (gravity, filtration...) → Easy to use due to ease of installation, maintenance, and simplified settings → Corrosion-resistant thanks to stainless steel particle separator 	<ul style="list-style-type: none"> → High efficiency via combination of physical effects → fully automated operation → "Plug & Play" design → Fully automated and adjustable disposal of collected particles in the desludging tank → Highly functional thanks to removal of all magnetic and non-magnetic particles, free air and micro bubbles in the fluid and support for the degasification process 	→ Special versions on request
Information	Online catalogue: productfinder.wilo.com	Online catalogue: productfinder.wilo.com	Online catalogue: productfinder.wilo.com Building Services catalogue: Heating, air-conditioning, cooling