

AQUAVENT 5000/6000

5000 / 5000S / 6000C / 6000SC



The high-performance circulation pump solution

High efficiency, compact construction and reliability are the core requirements for modern circulation pumps. The Spheros Aquavent range combines proven cutting-edge technology in a compact format and in modern lightweight construction. Last but not least, the optimized mounting possibilities are extremely application-friendly.

HIGHLIGHTS



Low life-cycle costs

Aquavent 5000 / 5000S

- Extended working lifetime through improved motor efficiency
- No maintenance

Aquavent 5000S

- Magnetic coupling (seal-free; basic Aquavent 5000 with mechanical seal)
- Watertight throughout entire lifetime
- Improved resistance to dry running and foreign bodies
- No steam leakage

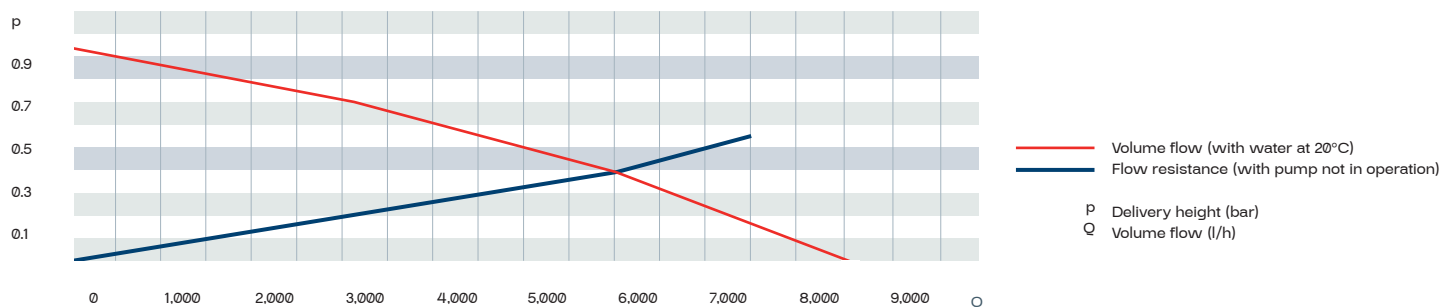
Aquavent 6000C / 6000SC

- Brushless EC motor with higher durability
- 14% lighter construction than the predecessor pump results in less fuel/energy consumption of vehicle
- Self-protection:
 - Reduced loading thanks to smooth start-up control
 - Overload protection by integrated blocking and dry running protection
- No maintenance

Aquavent 6000SC

- Magnetic coupling (seal-free; basic Aquavent 6000C with mechanical seal)
- Watertight throughout entire lifetime
- Long lifetime (comparable with motor)
- No steam leakage

Static head and pressure loss characteristics



TECHNICAL DATA

Circulation pump	Volume flow (l/h)	Nominal voltage (V)	Working voltage range (V)	Nominal power requirement (W)	Dimensions (L x W x H)	Weight kg
Aquavent 5000	5,000 (against 0.2 bar)	24	20-28	104	229 x 100 x 105	2.1
Aquavent 5000S	5,000 (against 0.2 bar)	24	20-28	104	249 x 100 x 105	2.2
Aquavent 6000C (U4855)	6,000 (against 0.4 bar)	24	20-28	210	225 x 110 x 115	2.4
Aquavent 6000SC (U4856)	6,000 (against 0.4 bar)	24	20-28	210	229 x 110 x 115	2.5