

Product description

- Designed for flow rates of 25 m³/h resp. 50 m³/h
- Has to be used in case the discharge under gravity is not possible
- Two-part float with clear water extraction pump
- Guiding in the basin by 2 vertical stainless steel chains

Applications

- SBR WWTP up to 1,500 PT
- Sludge settling tanks
- Continuous surface water extraction
- General decanting purposes

Advantages

- Avoids discharge of floatables
- Adaptable to variations of the water level
- Simple and fast installation
- Two-part float for installation in basins with 600 mm-opening
- Separate units of engine and float
- Easy handling
- Low maintenance
- Particularly cost-effective design
- Low weight

Materials

- Pump made of stainless steel
- Float made of PE
- Immersion tube, guiding chains and fastening material made of stainless steel
- Pump hose made of fully flexible PVC

Working principle

The CWE-025-P & CWE-050-P are designed to discharge the clear water layer under the surface and block bulking sludge and floatables. The discharge pump is placed below the float and can be removed from the tank for maintenance. The pump is protected by a stable immersion tube, so that no floating or bulking sludge can enter the discharge system during the clear water extraction. The stainless steel immersion tube also prevents complete emptying of the tank and prevents damage to the pump at maximum emptying. A chain guiding system ensures that the decanter is guided accurately in the basin.



CWE-Type	025-P	050-P
Dimensions		
Total height:	1050 mm	
Depth:	900 mm	
Diameter float:	800 mm	
Total weight:	55 kg	60 kg
Motor data		
Total input power (P ₁):	1.86 kW	3.0 kW
Shaft power (P ₂):	1.20 kW	2.2 kW
Engine speed:	2800 min ⁻¹	
Operating voltage:	400 V, 3 ~	
Frequency:	50 Hz	
Rated current:	3.44 A	5.00 A
Protection class:	IP 68	
Isolation class	F	
Cable length	10 m	
Pump Data		
Free passage:	50 mm	
Maximal flow rate:	32 m³/h	54 m³/h
Maximal pumping height:	14 m	21,8 m
Pressure connection:	2 “	
Diameter pressure hose:	50 mm	
Length pressure hose:	10 m	
Weight:	21 kg	26 kg

