

SBR FLOATING DECANter

PRODUCT INTRODUCTION

EUROFIL is an ISO 9001:2015 certified manufacturer (IQWATER) and distributor of world-class filtration, purification, adsorption, and separation solutions. With Innovation at the core, we develop next-gen filtration products and systems to solve all process-related challenges that the customers face. Our extensive product range includes but is not limited to an assortment of finest Decanter systems for industrial applications. We have established a global client base and nurtured every client by consistently delivering uncompromised quality of products, attention to customer requirements and excellent after-sales support.

APPLICATIONS

- SBR WWTP up to 10m³/hr
- Sludge settling tanks
- Continuous surface water extraction
- General decanting purposes

FEATURES AND BENEFITS

- Avoids discharge of floatables
- Adaptable to variations of the water level
- Simple and fast installation
- Separate units of Motorized Valve and float
- Easy handling
- Low maintenance
- Particularly cost-effective design
- Low weight



WORKING PRINCIPLE

In this decanter design the square shaped floating unit moves up and down along the frame mounted on the tank edge following the changing water level. The frame and the floating body are made of welded steel. Decanted treated water is removed through a plastic hose connected to the floating body. The floating body has two positions in relation to the water surface. “park” position is achieved by delivering and keeping pressurised air under the decanter. The other, decanting position is achieved by releasing the trapped pressurised air. The upper end position of the floating body is determined by detent pins while the lower is determined by the length of two link chains. When reaching the upper position the decanter acts as an emergency overflow.

SPECIFICATIONS

Materials	Float	Stainless steel (SS 304) or FRP
	Fastening material and guiding chains	Stainless steel (SS 304)
	Immersion tube	SS Reinforced Rubber Tube
Design Code	ASME Section VIII Division-1, GEP (Good Engineering Practice)	
Connections	Outlet	BSP, NPT, DIN Flange, ASA 150# Flange, BS-10 Table 'D' / 'E' / 'F' Flange , Tri-clover (1/2", 3/4", 1", 1 1/2", 2", 2 1/2", 3", 4", 5", 6", 8", 10", 12")*
Dimension	Total height	400 mm
	Diameter float	500 mm
	Total weight	15 Kgs Approx
Motorized Valve data		
Maximum Operating Temperature	50°C	
Power Rating	240V , Single Phase , 50 Hz	
Note	Preliminary specifications and features are subject to change.	

