

DP 50-150 PNEUMATIC DECANTERS

Two (2P) or four-float (4P) pneumatic decanters with a connector pipe for the drain pipe. The appropriate filling of floats with air changes their depth of immersion and actuates wastewater drainage. Output can be regulated by the trough height and the extent to which the valve on the outlet is opened.

The decanter's position on the surface of the tank is established by means of an articulated or roll stabilization system. The four-float decanter can also float freely on the surface of wastewater within the reach of the drain pipe or retaining lines.

Functions:

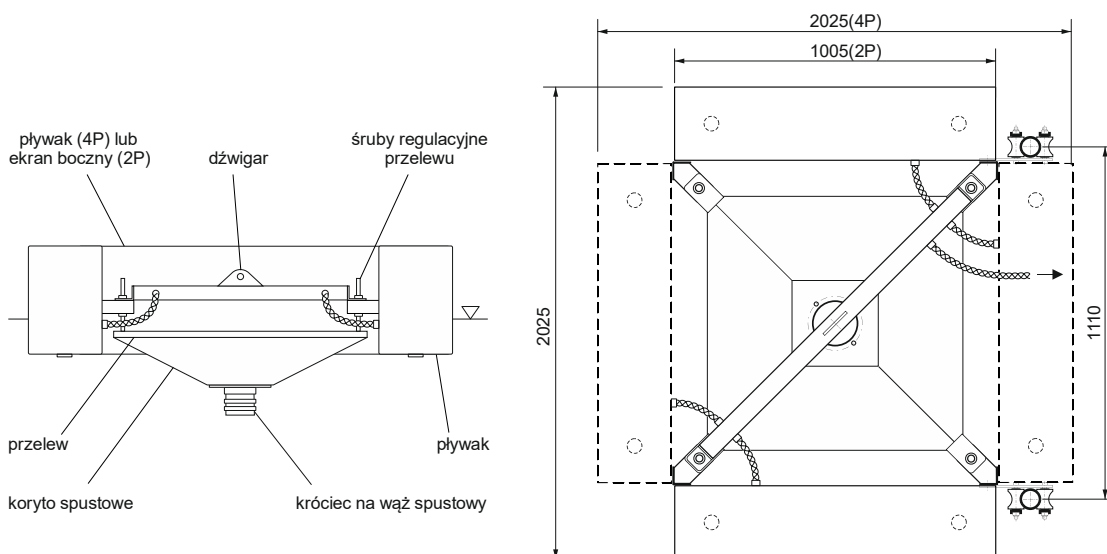
- for drainage of the clarified surface layer of wastewater
- in certain treatment plants, it may replace secondary settling tanks

Parameter	Decanter size								Unit
	50	65	80	90	100	110*	125*	150*	
Interior diameter of rigid drain channel	50	65	80	90	100	110	125	150	mm
Interior diameter of flexible drain hose (PVC)	60	75	90	100	110	125	135	160	mm
	2.5'	3'	3.5'	4'	-	5'	-	-	inches (mm)
(63.5)	(76.2)	(89)	(102)			(127)			
Comparative output**	35	60	90	115	145	175	225	325	m ³ /h
Exterior dimensions of floats	1050 x 2025 (2P)				2025x2025 (4P)				mm
Total decanter weight	145 (2P)				205 (4P)				kg
Float immersion (without hose)	145 (2P)				100 (4P)				mm
Stabilization system	P - articulated				R - roll				-
Spacing of roll guide pipes	1100								mm
Pressure of pneumatic system	0.05 – 1.0								bar

* Decanters made only on special order

** Comparative output for PVC hose, length 3 m, for constant level difference 2 m and free outflow.

For safety of the treatment plant's operation and problem-free decanter operation, a valve should be mounted on the hose's outlet. The data should be given in greater detail and updated based on information on www.biox.pl



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dekantery



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