

	<h1 style="text-align: center;">Vessel</h1> <h2 style="text-align: center;">SPECYFIACJA TECHNICZNA / DATASHEET</h2>				Specification No.			
					8540-02.02-538			
					Attachement to PFD/P&ID No.:			
				8540-02.02-532				
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GENERAL				
Item Number	V-4016			
No. required	1			
Service	Plastic Vessel for washing water			
Basic drawing see page				
Orientation	<input type="checkbox"/> Vertical	<input checked="" type="checkbox"/> Horizontal		
Location	<input type="checkbox"/> Indoors	<input checked="" type="checkbox"/> Outdoors	<input type="checkbox"/> Underground	
Heating	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Kind of Heating				

DESIGN DATA				
	Units	Space / Chamber		
		I	II	III
Operating overpressure	[barg]	-0,025 ÷ -0,050 ³⁾		
Temperature	[°C]	30		
Capacity	[m³]	24 ⁷⁾		
Contents		Acid water ²⁾		
Density	[kg/m³]	~1000		

DESIGN DATA				
Design code	<input type="checkbox"/> DT-UC-90/WO	<input checked="" type="checkbox"/> EN 13121-3	<input type="checkbox"/> ASME Sect:	
Acceptance	<input type="checkbox"/> Buyer and Authorized Body		<input type="checkbox"/> Buyer only	
	Jednostki	Space / Chamber		
	miar	I	II	III
Design overpressure	[barg]	-0,2 ÷ 0,49		
Design temperature	[°C]	-20 ÷ 60		
Test pressure	[bar]			
Kind of test		Hydraulic		
Joint efficiency	[%]			
Radiographic exam.	[%]			
Corrosion allowance	[mm]	-		

MISCELLANEOUS DATA				
Insulation	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Insulation thickness [mm]	50
Surface treatment internal				
Surface treatment external				
Empty mass	[kg]	by Vendor		
Emergency mass	[kg]	by Vendor		

MATERIAL				
		Przestrzeń / Komora		
		I	II	III
Shell		PP/PE		
Heads / Covers		PP/PE		
Body	flanges			
	gaskets	PTFE		
	bolts/ nuts			
Nozzle	flanges			
	pipes	PE-HD		
	gaskets	PTFE		
	bolts / nuts			
Internals				
Externals				
Supports				
Pall rings				

*) Vendor to complete

1) It is allowed to change the units in accordance with Appendix G2 (Technical Documentation Standard for PCC Rokita S.A.).

2) Chloroacetic acid solution (MCAA) - maximum concentration ~2%.

3) Working pressure to be confirmed by the Column supplier.

4) Dimensions: diameter 2.7m, length 4.2m - to be confirmed by the supplier.

5) The column (K-4015) with a height of about 10m and a diameter of 1.4m will be installed on the tank.

6) The vessel will be equipped with brackets for insulation. Insulation outside the scope of delivery

7) Volume to be confirmed by scrubber package manufacturer.

8) Provide the vessel (cub) with consideration of loads from the column (scrubber) and design a support system for the horizontal tank carrying all loads from static as well as climatic conditions.

9) To be confirmed by the designer of the vessel (cub) the validity of the use of an expansion joint connecting the column to the cub.

Made by:	Date:	Sign:	No. Rev.	A	B	C				
D.Szerstiuk	26.09.2024		Date	26.09.2024	04.10.2024	22.10.2024				
Checked by:	Date:	Sign:	Sign							
M.Leński	26.09.2024		COMMENTS:							
Approved by:	Date:	Sign:								

