



## HDPE Water Tank-600 USG

PRODUCT TECHNICAL DATA SHEET  
Rev. OP/20/010

### General Information

#### Product Description:

These specifications define the minimum requisites adopted by Oman Polycon LLC in the design, manufacturing, inspection, checking, testing and preparation for shipping of Tanks in High-Density Polyethylene (HDPE) Vertical Water Tank.

We supply HDPE Tanks designed as per the local regulatory requirements. Our water tanks are easy to carry. Especially since we are really very careful with each type of tank that we are using throughout the process. It is manufactured with fine raw material substances, made from high-quality UV-stabilized virgin polyethylene material, and a carefully engineered design that ensures complete watertightness. This prevents any leakage of stored liquids into the surrounding soil, protecting the environment and maintaining the integrity of the stored substances.

Oman Polycon operates per internal procedures, conforming to the EN ISO 9001:2015 norm.



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Ruwi, Sultanate of Oman.



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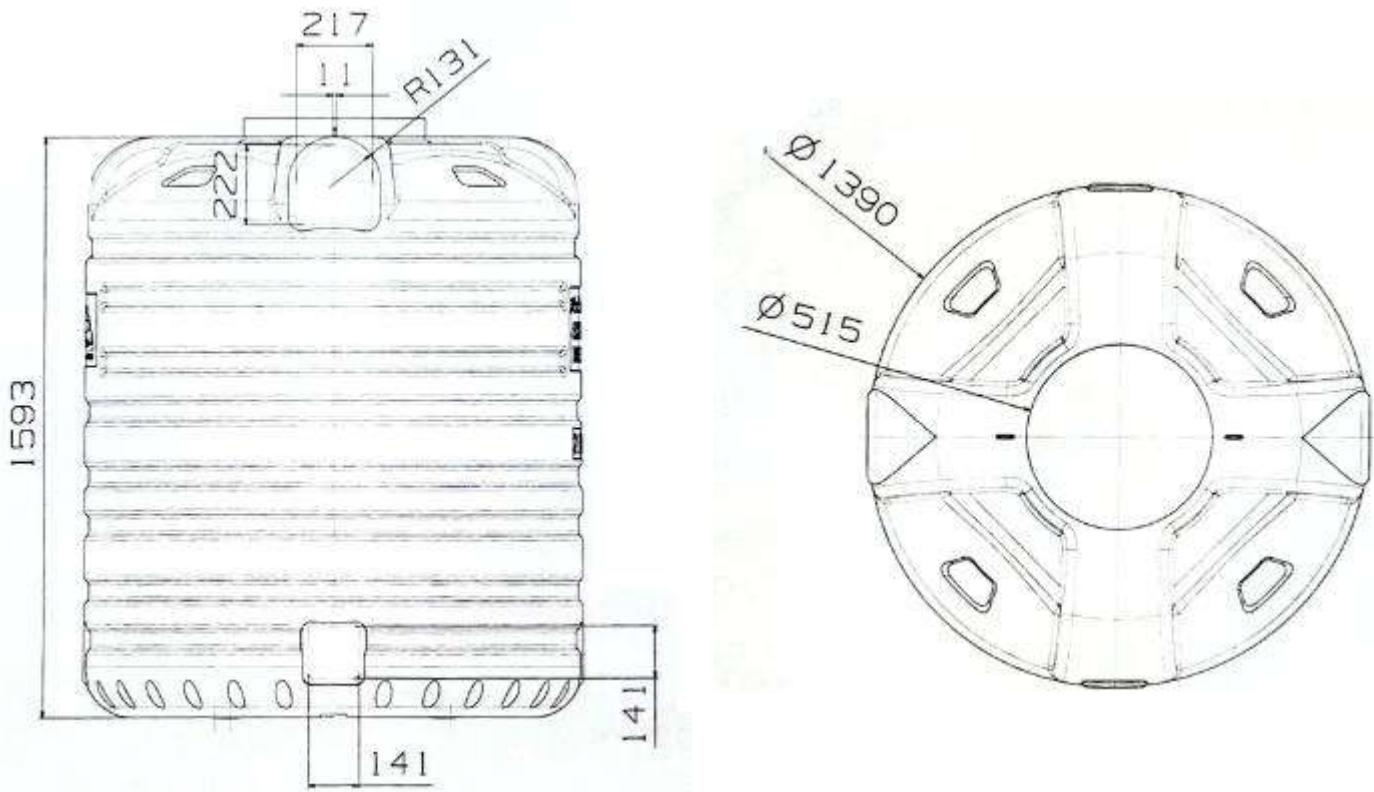


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## Product Design:



## Product Features:

Product Name:	High-Density Polyethylene (HDPE) Vertical Water Tank
Carrier Resin:	WRAS Approved Raw Material-HDPE
Application:	Storage of portable water
Capacity:	600 USG
Size:	Ø1.39 m, 1.6 m in Height (Cylindrical)
Product Design Compliance:	GSO 1831-2007
Gross Weight:	47.22 Kg
Foundation Type Required:	Strong flat and horizontal surface
Tank Fittings:	Compliance with BS6920
Design:	GSO 1831-2007
Construction Details:	3 Layers



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## Technical Data:

Tensile Strength:	23 N/mm <sup>2</sup>
Tensile Modulus:	63 N/mm <sup>2</sup>
Stress at Yield:	21 N/mm <sup>2</sup>
Flexural Strength:	42 N/mm <sup>2</sup>
Impact Resistance:	IK10
Heat fastness:	Max upto 300°C
Moisture Content:	<0.14 %

## Warranty Terms:

Oman Polycon LLC guarantees that its products are manufactured to meet the specified requirements and standards outlined in our official publications.



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