

Technical Specification Sheet

SeptiTech HDPE Plastic Residential Models

SeptiTech Residential Models STAAR 0.5, STAAR 0.75 & STAAR 1.0 (HDPE Plastic)

Standard Model	Models with Ultraviolet Disinfection	Models with Denitrification	Treatment Capacity	Tank Material	Tank Volume	Tank Dimension	Number of Access Ports	Weight	Inlet Invert	Discharge Head (Standard)
STAAR 0.5 / 500 GPD	STAAR 0.5UV	STAAR 0.5D ¹	Up to 4 bedrooms / 500 gpd	HDPE Plastic	1,000-gallons	11'-1" (l) x 5'-2" (w) x 4'-3" (h) ²	2	540 lbs.	43"	14-feet ³
STAAR 0.75 / 750 GPD	STAAR 0.75UV	STAAR 0.75D ¹	Up to 6 bedrooms / 750 gpd	HDPE Plastic	1,500-gallons	14'-9" (l) x 5'-2" (w) x 4'-3" (h) ²	2	761 lbs.	43"	14-feet ³
STAAR 1.0 / 1000 GPD	STAAR 1.0UV	STAAR 1.0D ¹	Up to 8 bedrooms / 1000gpd	HDPE Plastic	1,500-gallons	14'-9" (l) x 5'-2" (w) x 4'-3" (h) ²	2	811 lbs.	43"	14-feet ³

¹ Residential denitrification units require a special denite septic tank sized according to local specifications

² Height does not include 12" risers, which are standard unless specified otherwise

³ Higher head pump available upon request

Recommended Septic Tanks (HDPE Plastic)

Tank Volume	Baffle	Effluent Filter	Access Ports	Tank Dimension	Tank Material	Weight	Inlet Invert	Outlet Invert
1000-gallons	2-Chambered	Zabel or Equivalent	24" Diameter 2 each	11'-1" (l) x 5'-2" (w) x 4'-3" (h)	HDPE Plastic	460 lbs.	43"	40"
1500-gallons	2-Chambered	Zabel or Equivalent	24" Diameter 2 each	14'-9" (l) x 5'-2" (w) x 4'-3" (h)	HDPE Plastic	586 lbs.	43"	40"

