

SPP HydroFlex Atmospheric Solar Tanks



- Durable & Lightweight*
- Easy, Simple Installation*
- Wide Range of Sizes & Customizable Options*
- Large Variety of Tank Applications*

The SPP-HydroFlex tanks are designed for solar thermal applications. They are extremely lightweight and durable, and feature simple and easy installation.

These tanks range in size from 100 to 5,000 gallons, and are crated to fit through a standard door opening.

A wide selection of ports and heat exchangers are also available to fit every type of solar application.

- **Materials:** These tanks are made of light-weight, durable, and flexible aluminum with a variety of pliable, no-seam liners. Tanks arrive on-site fully manufactured, and ready for installation – meaning a faster, simpler, and easier installation process.
- **Durability:** The materials and craftsmanship make these solar tanks exceptionally durable. While under a full 10-year warranty, many of these solar tanks have been in operation for decades.
- **Simple & Easy Installation:** The flexible materials that these tanks are constructed of make installation simple and straightforward – and make shipping costs much less expensive than other tanks.
- **Insulation:** Tanks are manufactured with two layers of 1" polyisocyanurate foil faced insulation, embossed aluminum, and an EPDM liner. XR tanks are also available for extra insulation, to ensure you store hotter temperatures longer for your customer's solar thermal system.

SPP-HydroFlex Specifications

Tank Structure Specifications	
Outer Skin	Embossed Aluminum – 0.032" Thickness
Insulation: Wall	2-Layer 1" Iscoyanurate, foil faced
Insulation: Lid	2" Iscoyanurate
Insulation: Bottom	1-Layer 1" Iscoyanurate; 1-Layer 1" DOW Foam
EPDM Rubber Liner	Thickness: 0.045mm



Tank Port Specifications	
Pipe Passage Material	Threaded Sch 40 PVC Pipe Nipple
Pipe Passage Sizes Available	1"; 1 ¼"; 2"; 2 ½"
Connection Material	Stainless Steel MPT (Male Pipe Thread)
Connection Sizes Available	1"; 1 ¼"; 2"; 2 ½"
Sensor Wells	3; Located on Side of Tank
Cap Vent (On Lid) Material	PVC
Cap Vent (On Lid) Sizes	1 ½" Pass Through; 1 ½" Cap
Cap Vent (On Lid) Support	Copper Bar and/or Copper Cross



Tank Warranty
Tank is warrantied for (10) years from purchase date. Tank warranty up to 175F. Tank to be installed indoors.

Tank Operation	
Max Temp	175F
Stored Water PH	8.2 ~ 8.6

