

Specification Sheet

Description ***Fuelchief SuperVault Cylindrical Aviation Range***



Aviation fuel tanks are high-specification tanks due to the increased emphasis on safety. We offer several tank options suitable for aviation fuel, which are all bonded (double-skinned).

Fuelchief take the hassle out of this by engineering a compliant customised fuel tank called the SuperVault.

This engineered fuel tank is 4-hour fire-rated and is recommended due to its fire protective safety for commercial sectors. The SuperVault tank offers elite fire-rated, bullet-proof, impact-resistant technology which makes it the safest and most durable tank in the world.

Summary of Benefits & Features

- 🔥 **Environmentally protective:** due to the secondary contained primary tank
- 🔥 **Compliant:** with international aviation tank approvals
- 🔥 **Multi Hazard Tested:** 4-hour fire exposure resistant, hose-stream resistant, ballistics tested, heavy vehicle impact tested (240|240|240 rating)
- 🔥 **Ventilation:** emergency venting for primary and secondary containments
- 🔥 **Clean fuel:** superior thermal efficiency minimising evaporation and degradation of fuel quality
- 🔥 **Interstitial monitoring:** capability
- 🔥 **Maximum protection:** a 3-coat industrial painting system for longevity
- 🔥 **Stores many liquids:** compatible with gasoline, diesel, fuel oil, ethanol, methanol and other chemicals
- 🔥 **Internal tank lining:** for special applications, such as jet fuel or potable water storage
- 🔥 **Diversified material options:** material of construction may be carbon or stainless steel
- 🔥 **Easily transportable:** relatively light-weight and can be shipped anywhere in the world (empty). Some model sizing allows for shipping in containers reducing global freight costs
- 🔥 **Dispensers mounted:** approval given for dispensers to be mounted directly onto the SuperVault® fuel tank

Model	Description	Capacity (litres)	Diameter (mm)	Length (mm)	Weight (empty in kg)
SV4-20000AV	Aviation SV 4 hour fire rated, on incline	20,000	2875	4630	13950
SV4-40000AV	Aviation SV 4 hour fire rated, on incline	40,000	2875	8577	25839
SV4-45000AV	Aviation SV 4 hour fire rated, on incline	45,000	2875	9250	21043
SV4 -50000AV	Aviation SV 4 hour fire rated, on incline	50,000	2875	10344	26217
SV4-55000AV	Aviation SV 4 hour fire rated, on incline	55,000	2875	11250	24852
SV4-60000AV	Aviation SV 4 hour fire rated, on incline	60,000	2875	12488	29500
SV5-60000AV	Aviation SV 4 hour fire rated, on incline	60,000	3650	7395	25150
SV5-75000AV	Aviation SV 4 hour fire rated, on incline	75,000	3650	9394	30435
SV5-100000AV	Aviation SV 4 hour fire rated, on incline	100,000	3650	12085	38176
Tank Design Standard					
SwRI 95-03, SwRI 93-01, AS1940, AS1692, UL2085, UL142					
Optional Extras in SV Cylindrical Range					
SVAV-FS	Aviation fuel floating suction				
SVAV-MW	Upgrading and insulating aviation manway to 750mm				
SVAV-SC	Aviation sampling cabinet				
SVAV-SSF	Standard stainless-steel aviation fitting layout				
SVC-MW	Addition of 610mm manway				
SVC-SF	Additional 50mm stub fitting				
SVC-DF	Additional 50mm dropper fitting				

