

# Smart Multi Energy Tank

The Cutting Edge of Renewable Energy Technology

The SME "Hybrid Tank" is ideal for Solar and Ground Source Heat Pump Applications

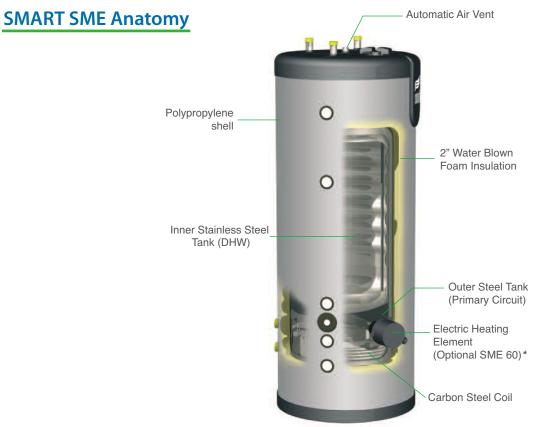
Triangle Tube's Smart Multi-Energy Tank (SME) is the only one of its kind. The SME features a corrugated stainless steel storage tank/heat exchanger suspended within a carbon steel tank. There is also a secondary heat exchanger coil located in the primary water at the bottom of the unit. The large heating surface area and large volume of primary water (stored energy) in the SME tank not only ensures high domestic hot water performance, but also ensures that all energy from your renewable source is absorbed in the tank, reducing fuel bills and carbon emissions.

The SME features 2" of water blown foam insulation with a standby heat loss of less than 1° per hour.

"Tank-in-Tank" Technology



Featuring a 10 year non prorated residential warranty



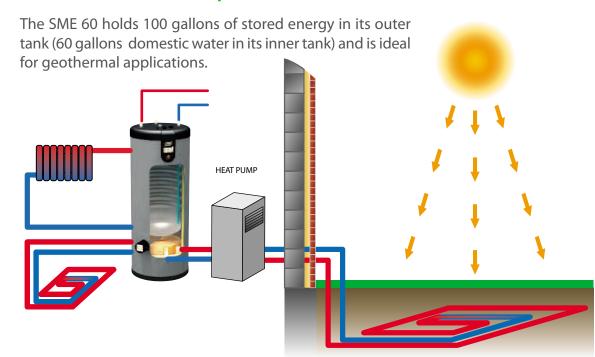
<sup>\*</sup>The electric element should be used for supplementary heat only and should never be considered as a sole source of energy.

#### **SME with Prestige Excellence Boiler and Domestic Water Heater**



# **Typical Applications**

#### **Geothermal Heat Pump**





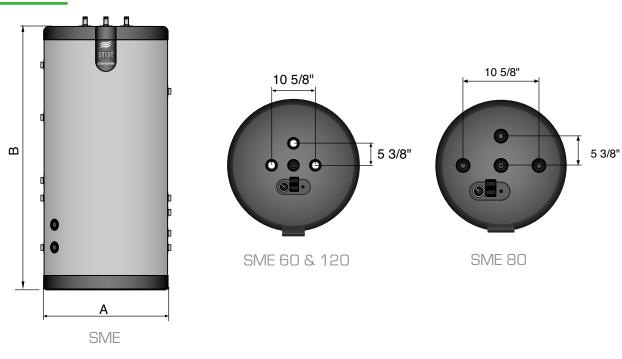
### **Solar with Prestige Boiler Back Up**

Back up your solar system with a 95% efficient Prestige Condensing Boiler.





## **Dimensions**



# **Specifications**

Model		SME 60		SME 80		SME 120	
Capacity Domestic (inner tank) Primary (outer tank) Coil	Gal.	60 100 4		70 33 3		105 66 4	
Coil Heating Surface Inner Tank Surface Area	Sq. ft.	27 24		20 29		27 37	
Connections Domestic Primary	Inches	3/4" 1"		1 1/2" 1"		1 1/2" 1"	
Performance				Rise - 50° DHW I			
1st Hour		90°	70°	90°	70°	90°	70°
Heating Source: (180° supply) Tank Coil	GPH	149 106	241 181	202 99	310 156	220 174	333 246
Electric Element 6 kW Capacity	kW	N/A 66		N/A		N/A	
Dimensions Diameter - (A) Height - (B)	Inches Ø	32" 73"		26" 75"		32" 77"	
Primary Pressure Drop Coil Pressure Drop	Ft/Hr	5 3		3 7		2 3	
Empty Weight	Lbs	430		295		500	





