

## THEIRMSAVER'S UNVENTED CYLINDER RANGE

### ACV Range

ACV SmartLine Multi-energy Indirect S/Steel Unvented Cylinder	SLME120	SLME200	SLME300	SLME400	SLME600
<b>Total Capacity (L)</b>	123	203	303	395	606
<b>Primary fluid flow rate (Ltrs/hr)</b>	2100	3000			
<b>Primary pressure drop (mbar)</b>	32	40	42	45	48
<b>Max operating temperature (°C)</b>	90				
<b>Weight empty (kg)</b>	65	68	99	120	180

- Capacities between 120ltrs-600 litres
- Multiple connections and ACVs advanced engineering
- Self-descaling
- Optimal insulation
- Low maintenance
- Anti-legionellae
- Large primary volume allows for greater thermal store \*Can be used as a low loss header for heating circuit
- Resistance to scaling
- Large heat exchanger surface

ACV SmartLine SLE Plus 7	SLE 130	SLE 160	SLE 210	SLE 240	SLE 300
<b>Total Capacity (L)</b>	130	161	203	242	293
<b>Primary flow rate (Ltrs/hr)</b>	2100	2600	3500	4200	5500
<b>Primary pressure drop (mbar)</b>	17	22	37	45	51
<b>Max operating temperature (°C)</b>	85				
<b>Weight empty (kg)</b>	45	54	66	76	87

- Self-descaling – the corrugated walls vibrate in response to pressure variation and prevent lime scale deposits from sticking.
- Optimal insulation – the SmartLine is thermally insulated along its entire surface.
- Anti-legionellae
- Low maintenance
- Indirect stainless steel with Tank-in-Tank cylinder
- Independent control and safety thermostat, incorporated in the heating element

## Thermsaver's Range

<b>Thermsaver Direct S/Steel Unvented Cylinders</b>	<b>80 Ltr</b>	<b>130 Ltr</b>	<b>150 Ltr</b>	<b>175 Ltr</b>	<b>215 Ltr</b>	<b>255 Ltr</b>	<b>305 Ltr</b>
<b>Heating Capacity (kW)</b>	3	6					
<b>Reheat time after 70% draw off (minutes)</b>	-	83	109	131	157	191	228
<b>Time to heat from cold to 65°C (minutes)</b>	-	102	123	148	182	229	261
<b>Dimensions (mm)</b>	W 575 L 665	W 575 L 957	W 575 L 1085	W 575 L 1242	W 575 L 1485	W 575 L 1752	W 575 L 2028

<b>Thermsaver Indirect S/Steel Unvented Cylinders</b>	<b>80 Ltr</b>	<b>130 Ltr</b>	<b>150 Ltr</b>	<b>175 Ltr</b>	<b>215 Ltr</b>	<b>255 Ltr</b>	<b>305 Ltr</b>
<b>Coil Capacity (kW)</b>	14			20			
<b>Reheat time after 70% draw off (minutes)</b>	-	20	22	21	26	29	34
<b>Time to heat from cold to 65°C (minutes)</b>	-	27	31	31	37	42	46
<b>Dimensions (mm)</b>	W 575 L 665	W 575 L 957	W 575 L 1085	W 575 L 1242	W 575 L 1485	W 575 L 1752	W 575 L 2028

- Mains pressure hot water for balanced supply to mixers
- Duplex stainless steel for long life 25 year guarantee
- Patented internal cold water inlet diffuser, minimising mixing of hot and cold water
- 25 year guarantee on cylinder, 5 years on immersion, 2 years on all other parts\*\*
- High flow rates from improved hot water delivery
- Safety and hot water controls (unvented control kit)

## Horizontal models

<b>Thermsaver Horizontal Direct Cylinder with Expansion Vessel</b>	<b>130 Ltr</b>	<b>150 Ltr</b>	<b>175 Ltr</b>	<b>215 Ltr</b>	<b>255 Ltr</b>	<b>305 Ltr</b>
<b>Heating Capacity (kW)</b>	6					
<b>Dimensions (mm)</b>	W 575 L 957	W 575 L 1085	W 575 L 1242	W 575 L 1485	W 575 L 1752	W 575 L 2028

<b>Thermsaver Horizontal Indirect Cylinder with Expansion Vessel</b>	<b>130 Ltr</b>	<b>150 Ltr</b>	<b>175 Ltr</b>	<b>215 Ltr</b>	<b>255 Ltr</b>	<b>305 Ltr</b>
<b>Heating Capacity (kW)</b>	6					
<b>Dimensions (mm)</b>	W 575 L 957	W 575 L 1085	W 575 L 1242	W 575 L 1485	W 575 L 1752	W 575 L 2028

## Thermsaver Solar Model

Thermsaver Solar Direct Cylinder with expansion vessel	130 Ltr	150 Ltr	175 Ltr	215 Ltr	255 Ltr	305 Ltr
Coil Capacity (kW)	20		30			
Reheat time after 70% draw off (minutes)	16	19	14	17	20	24
Time to heat from cold to 65°C (minutes)	20	23	20	24	29	34
Dimensions (mm)	W 575 L 957	W 575 L 1085	W 575 L 1242	W 575 L 1485	W 575 L 1752	W 575 L 2028

Thermsaver Solar Indirect Cylinder with expansion vessel	130 Ltr	150 Ltr	175 Ltr	215 Ltr	255 Ltr	305 Ltr
Coil Capacity (kW)	20		30			
Aux Coil Capacity (kW)	14		20			
Reheat time after 70% draw off (minutes)	-	-	14	17	20	24
Time to heat from cold to 65°C (minutes)	-	-	20	24	29	34
Dimensions (mm)	W 575 L 957	W 575 L 1085	W 575 L 1242	W 575 L 1485	W 575 L 1752	W 575 L 2028

- Duplex stainless steel for long life
- Patented internal cold water inlet diffuser minimising mixing of hot and cold water
- 25 year guarantee on cylinder, 5 years on immersion, 2 years on all other parts
- Lower running costs and reduced energy bills
- High flow rates, improved hot water delivery
- Compatible with a wide range of UK solar systems
- Safety and hot water controls
- External expansion vessel

## THERMSAVER'S BUFFER TANK RANGE

Thermsaver's Buffer Cylinder with External Expansion	80 Ltr	130 Ltr	150 Ltr	175 Ltr	215 Ltr	255 Ltr	305 Ltr
Heating Capacity (kW)	N/A						
Dimensions (mm)	W 575 L 665	W 575 L 957	W 575 L 1085	W 575 L 1242	W 575 L 1485	W 575 L 1752	W 575 L 2028

Here is a general guide on the capacity of tank required. Please do consider that this information is for guidance only. If you require further assistance with this, call us on 01698 300100

Bedrooms	Hot Water Demand	Indirect	Direct
Up to 2 beds	1 Shower	90 Ltr	125 Ltr
	1 Bath, 1 Shower	125 Ltr	150 Ltr
Up to 3 beds	1 Bath, 1 Shower	150 Ltr	170 Ltr
Up to 4 beds	1 Bath, 1 Shower	170 Ltr	200 Ltr
	2 Baths, 1 Shower	200 Ltr	250 Ltr
	2 Baths, 2 Showers	250 Ltr	300 Ltr
Up to 6 beds	2 Baths, 2 Showers	300 Ltr	300 Ltr
	3 Baths	300 Ltr	300 Ltr