

# STREAMLINE GAS BOOSTED

## Description

The Solahart Streamline is a split open circuit solar water heater with roof mounted slimline collector panels and a discreet ground mounted tank.

It is suitable for use in low to high solar gain areas.

The Streamline uses copper risers in its collector panels, which transfer the solar energy directly to the water as it is circulated through the panels by an electric pump. The heated water is stored in the ground mounted tank.

The Streamline SBT models with their high efficiency, blue sputtered copper collectors and unique tapered risers are suitable for use in frost prone areas below 800m altitude, but they are not recommended in areas with a harsh water supply.

The Streamline gas boosted models are equipped with a booster to ensure a continuous supply of hot water.



## Key Features

- Stylish slimline design
- Minimum visual impact
- Gas boosting
- SBT model's unique tapered risers make it suitable for frost prone areas
- Ceramic lined tank for long life
- Toughened, hail resistant collector glass
- Choice of collectors to suit most locations

## Key Benefits

- Save 50% to 75% of your water heating energy consumption\*
- Hot water regardless of the weather
- Can qualify for valuable government environmental incentives\*
- Reduced energy use saves on CO<sub>2</sub> emissions every year\*
- Peace of mind with Solahart's 5/3/1<sup>†</sup> year warranty

\*Savings of 50% - 75% shown are based on Australian Government approved TRNSYS simulation modelling. Savings and incentives will vary depending upon your location, type of Solahart system installed, orientation and inclination of the solar collectors, type of water heater being replaced, hot water consumption and fuel tariff. Maximum financial savings off your hot water bill are achievable when replacing an electric water heater on continuous tariff.

<sup>†</sup>Warranty Details: 5/3/1, 5 year cylinder and collectors, 3 year labour on cylinder, 1 year parts including labour, 1 year labour on collectors; applies to a single family domestic dwelling only. All other applications have a 3/1/1/1, 3 years cylinder, 1 year collectors, 1 year parts, 1 year labour.

# Streamline SBV and SLV - Gas Boosted Open Circuit Systems

These systems are suitable for multiple installations. The SLV systems are not suitable for frost or harsh water regions. The SBV systems are suitable for frost areas below 800 metres altitude, but are not suitable for harsh water regions.

## SBV & SLV Systems

Model	261	262	263
Tank Model	SLV260	SLV260	SLV260
Collector SBV Series	SBT	SBT	SBT
Collector SLV Series	L	L	L
No. of collectors	1	2	3

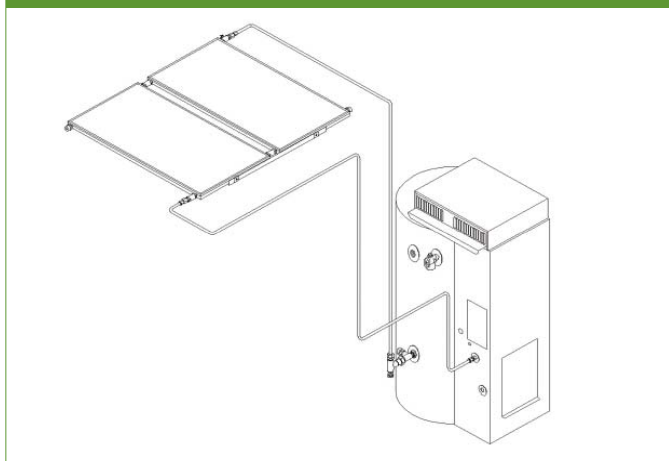
## Solar Storage Tank

Tank Model	SLV260	
Storage capacity	litres	260
	US gal	69
Delivery capacity (solar)	litres	195
	US gal	51
Boost capacity (gas)	litres	260
	US gal	69
Solar controller	included	
Weight empty	kg	110
	lbs	243
Weight full	kg	370
	lbs	816
Height	m	1.640
	in	64.6
Width	m	0.593
	in	23.3
Depth	m	0.680
	in	26.8

## Collector Installation

Roof area dimensions		1	2	3
Length	m	2.0	2.0	2.0
	in	78.8	78.8	78.8
Width	m	1.2	2.3	3.4
	in	47.2	90.6	133.9
<b>Solar Kits - SBT Collector</b>				
Collector kit	PN 299123	1	1	1
Collector add on kit	PN 299125	0	0	1
<b>Solar kits - L collector</b>				
Collector kit	PN 12104297	1	1	1
Collector add on kit	PN 12104405	0	0	1

## Streamline Gas Boosted



## Water Supply

TPR valve setting	kPa	1000	psi	145
ECV* setting	kPa	850	psi	125
Max. supply pressure with ECV without ECV	kPa	680	psi	100
	kPa	800	psi	115
Water Connections	cold	DN20 compression fitting (cold inlet to tank RP3/4/20)		
	hot	RP3/4/20		
	solar	DN15 compression fitting		

\*Expansion Control Valve (ECV) is not supplied.

## Gas Boost Specifications

Booster type	timer controlled gas burner			
Supply voltage	220 V – 250 V			
Recovery rate @ temperature rise of:				
Gas type	input	40°C	50°C	60°C
	MJ	litres	litres	litres
Natural	26	124	99	83
Propane	25	119	95	80
Butane	25	119	95	80

## SBT200 Collector

Aperture (heating) area	m <sup>2</sup>	1.87	ft <sup>2</sup>	20
Dimensions	length	mm	in	76.3
	width	mm	in	40.3
	height	mm	in	3.0
Capacity	litres	2.5	US gal	0.7
Weight	empty	kg	lbs	79
	full	kg	lbs	86
Working pressure	kPa	1000	psi	145
Absorber surface	blue tinnox sputtered			
Absorber material	copper			
Riser material	copper sequential tapered tube			
Number of risers	6			
Tray material	0.55 mm Zinalume			
Insulation material	25 mm polyester blanket			
Glass	3.2 mm tempered low iron			

## L Collector

Aperture (heating) area	m <sup>2</sup>	1.87	ft <sup>2</sup>	20
Dimensions	length	mm	in	76.3
	width	mm	in	40.3
	height	mm	in	3.0
Capacity	litres	3	US gal	0.8
Weight	empty	kg	lbs	73
	full	kg	lbs	79
Working pressure	kPa	1000	psi	145
Absorber surface	Black polyester powder coat			
Absorber material	aluminium			
Riser material	copper tube			
Number of risers	6			
Tray material	0.6 mm aluminium			
Insulation material	55 mm polyester blanket			
Glass	3.2 mm tempered low iron			