

# *Kelvinator*

## **SOLARKNIGHT EVACUATED TUBES HOT WATER SYSTEMS**



KSN34026E3A shown

### **Why you should install a Kelvinator SolarKnight evacuated tube system:**

- Receive hot water compliments of the sun
- Leading edge evacuated tube technology
- Suitable for cold areas (down to -15°C)
- Electric and gas-boosted variants
- Government incentives available\*

\* To review the latest about STCs and government incentives in general, visit [www.orer.gov.au](http://www.orer.gov.au)

### **Installation overview**

- The Kelvinator SolarKnight evacuated tube systems provide better efficiency in frost-prone or Alpine areas
- Panels should be installed on a north-facing roof for optimum efficiency, however the direction the panels are facing is not as critical as for flat panels
- Roof inclination should be between 10° and 30°
- You'll need an area on your roof of at least 4m<sup>2</sup> for 2 panels
- Tank is suitable for internal and external installation
- Must be installed by an authorised installer

### **Warranty**

Electrolux Home Products warrants that the Kelvinator models featured in this flyer are free from defects in materials and workmanship for periods listed in the table below:

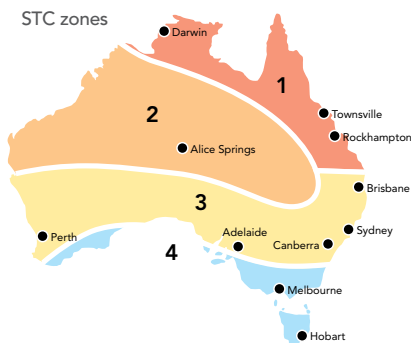
Kelvinator hot water system components Warranty	Gas booster		Storage tanks		Solar evacuated tubes collectors	
	Heat exchanger	All other components	Tank	All other components	Evacuated tubes	All other components
Component	10 years	3 years	5 years	1 year	5 years	1 year
Labour	3 years	3 years	3 years	1 year	3 years	1 year

## Kelvinator SolarKnight electric boosted evacuated tubes specifications

Product code	KSE270E2A	KSE270E3A	KSE340E2A	KSE340E3A	KSE450E3A
Number of people	2 - 4	2 - 4	3 - 5	3 - 5	4 - 6
Tank location	indoor or outdoor	indoor or outdoor	indoor or outdoor	indoor or outdoor	indoor or outdoor
Number of panels / tubes	2 / 24	3 / 36	2 / 24	3 / 36	3 / 36
Booster type / element heating capacity	electric / 3.6kW	electric / 3.6kW	electric / 3.6kW	electric / 3.6kW	electric / 3.6kW
Capacity (L)	270	270	340	340	450
PTR valve operating pressure (kPa)	850	850	850	850	850
PTR Valve Temperature Limit (°C)	99	99	99	99	99

## Kelvinator SolarKnight gas boosted evacuated tubes specifications

Product code	KSN27026E2A / KSL27026E2A	KSN27026E3A / KSL27026E3A	KSN34026E2A / KSL34026E2A	KSN34026E3A / KSL34026E3A
Number of people	2 - 4	2 - 4	3 - 5	3 - 5
Tank location	indoor or outdoor	indoor or outdoor	indoor or outdoor	indoor or outdoor
Gas booster location	outdoor	outdoor	outdoor	outdoor
Number of panels/tubes	2 / 24	3 / 36	2 / 24	3 / 36
Booster type	gas	gas	gas	gas
Type of gas	natural gas / LPG	natural gas / LPG	natural gas / LPG	natural gas / LPG
Flow rate capacity (L/min)	26	26	26	26
Capacity (L)	270	270	340	340
Gas energy star rating	5.3	5.3	5.3	5.3
Nominal gas consumption (MJ/h)	195	195	195	195
Maximum temperature (°C)	70	70	70	70
Gas inlet supply pressure min-max (kPa) - NG / LPG	1.13 - 2.75 / 2.61 - 2.89	1.13 - 2.75 / 2.61 - 2.89	1.13 - 2.75 / 2.61 - 2.89	1.13 - 2.75 / 2.61 - 2.89
Water Supply Pressure min - max (kPa)*	150 - 1200	150 - 1200	150 - 1200	150 - 1200
PTR valve operating pressure (kPa)	850	850	850	850
PTR valve temperature limit (°C)	99	99	99	99



## Kelvinator SolarKnight electric boosted evacuated tubes STCs\*

Product code	KSE270E2A	KSE270E3A	KSE340E2A	KSE340E3A	KSE450E3A
Zone 1	39	42	40	44	45
Zone 2	42	44	42	45	46
Zone 3	37	44	38	46	47
Zone 4	33	40	33	41	41

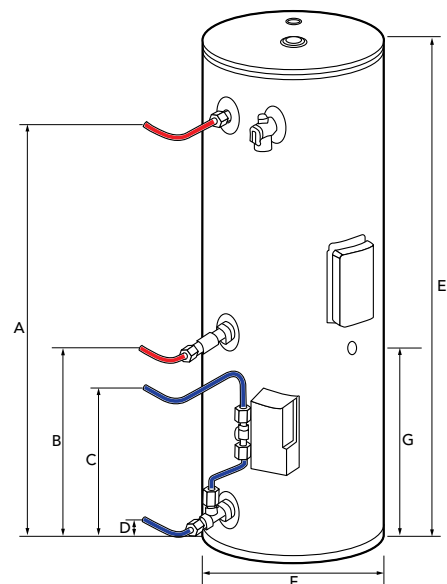
\*In Off Peak 2 configuration

## Kelvinator SolarKnight gas boosted evacuated tubes STCs

Product code	KSN27026E2A / KSL27026E2A	KSN27026E3A / KSL27026E3A	KSN34026E2A / KSL34026E2A	KSN34026E3A / KSL34026E3A
Zone 1	39	44	39	45
Zone 2	42	45	42	45
Zone 3	37	47	37	47
Zone 4	32	40	32	41

## Dimensions (refer to diagram on right)

Tank capacity	270L	340L	450L
A Hot Outlet / Relief Valve (mm)	1165	1475	1475
B Return (mm)	580	580	580
C Solar Controller Flow (mm)	~630	~630	~630
D Cold Inlet (mm)	80	80	80
E Tank Height (mm)	1390	1690	1715
F Cylinder Diameter ø	650	650	740
G Electrical Connection (mm)	680	680	605



### Product information

The descriptors and illustrations in this publication apply to the specific products and models described as at the date of issue. Under our policy of continuous product development, product specifications may change without notice. Prospective purchasers should therefore check with their retailer to ensure this publication correctly describes the products that are being offered for sale. All information supplied is to be used for general reference purposes only and is on the understanding that Electrolux Home Products Pty Ltd will not be liable for any loss, liability or damage of whatever kind arising as a result of reliance on such information. Colours of products illustrated are as close as printing limitations allow. Electrolux will at all times comply with its obligation pursuant to law including Trade Practices (Australian Consumer Law) Act and Regulations.

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