

NOTES

- N1. Solar collectors must be installed
 - orientated toward the equator
 - with an angle of inclination equal to the local latitude angle, but not less than 10°.
 - in a position free of shade.
- N2. A minimum of 900mm should be left in front and to the left of the solar storage tank for access, servicing and solar storage tank removal.

PIPE LENGTH

The maximum recommended combined length of the solar flow and return pipes between the solar storage tank and solar collectors with bends is:

Maximum recommended total combined pipe length (solar cold + solar hot) and number of 90° bends*				
Pipe size	1 or 2 Collectors		3 Collectors	
	Pipe Length	90° Bends	Pipe Length	90° Bends
DN15	40 metres	20	30 metres	20

- * Solar cold and solar hot pipes to be hard drawn copper, DN15.
- * Minimum fall in pipework 5° or 1 in 10.
- * For each additional 90° bend, reduce the maximum total pipe length by 0.5 metres.
- * For each additional metre of pipe length, reduce the number of 90° bends by two.
- * Note: One 90° elbow is equal to two 90° bends.
- * The top of the collector to be no greater than 9m above base of tank (9m = maximum pump head). For heights between 9m and 18m an auxiliary pump (PN 299914) must be installed.

LEGEND

- STOP COCK
- NON RETURN VALVE
- PRESSURE LIMITING VALVE (IF REQUIRED)
- EXPANSION CONTROL VALVE (IF REQUIRED)
- UNION
- DIRECTION OF FLOW
- TUNDISH
- GATE OR BALL VALVE

HOT WATER CONNECTION:- RP 3/4"/20.

COLD WATER CONNECTION:- RP 3/4"/20.

SOLAR HOT CONNECTION (from collectors):- DN15 COMPRESSION FITTING.

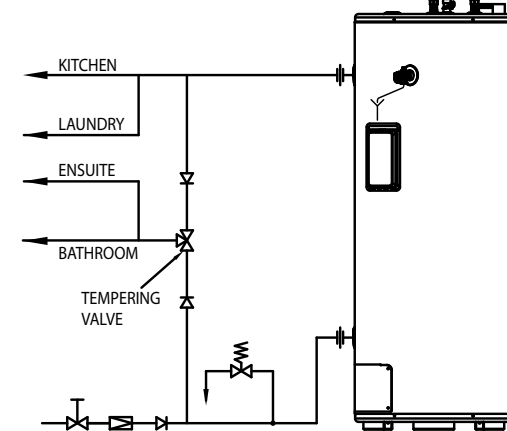
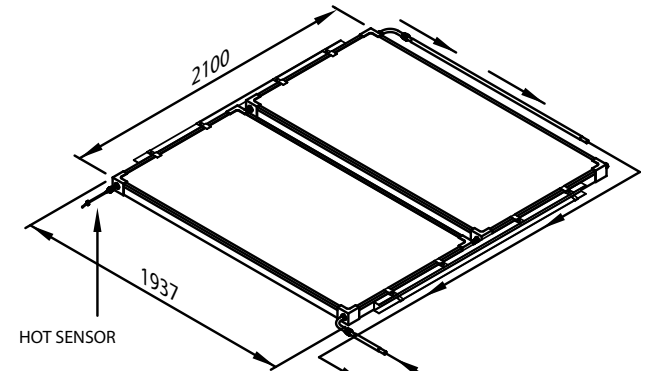
SOLAR COLD CONNECTION (to collectors):- DN15 COMPRESSION FITTING.

TPR VALVE CONNECTION:- RP 1/2"/15.

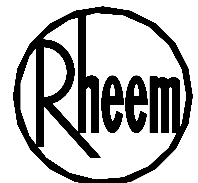
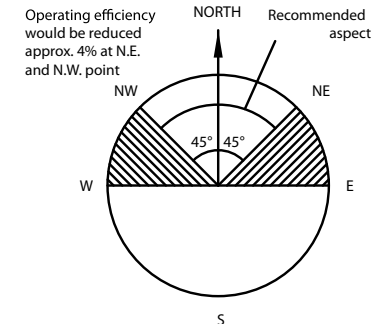
SOLAR CIRCUIT RELIEF VALVE CONNECTION:- R 1/2"/15

STORAGE VOLUME:- 270 LITRES.

**RHEEM PREMIER LOLINE
SOLAR ELECTRIC BOOST
(WITH S200 OR T200 SOLAR COLLECTORS)**



**Solar Water Heater Aspect
Southern Hemisphere**



SK5739-2 10/07
REV-CD A4 1:20