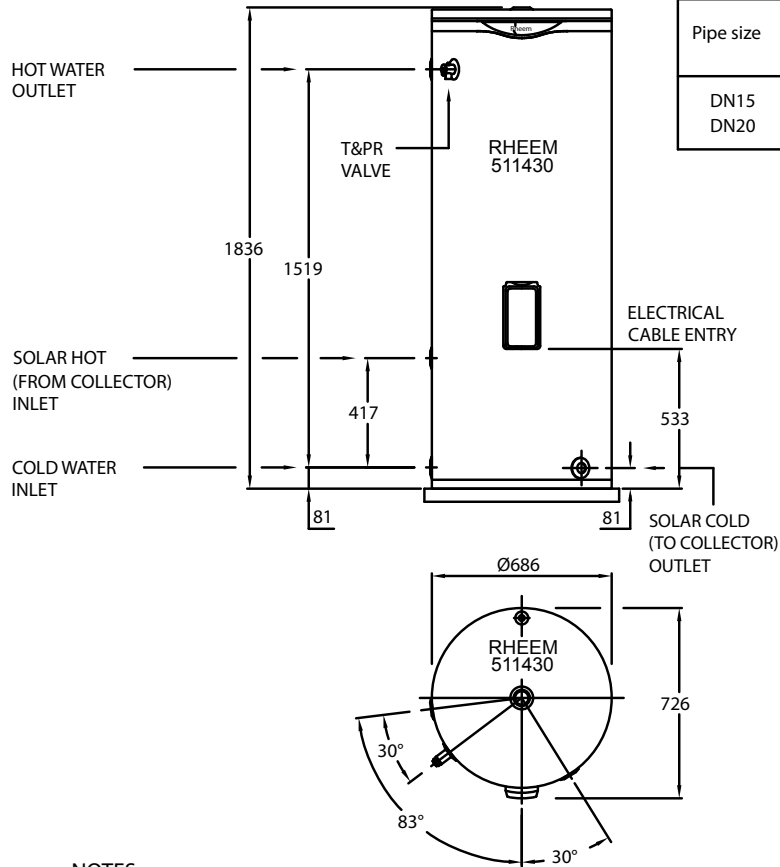


INDOOR AND OUTDOOR MODEL



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 OF THE SOLAR STORAGE TANK FOR ACCESS, SERVICING AND SOLAR STORAGE TANK REMOVAL.

PIPE LENGTHS:

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

Pipe size	Maximum recommended pipe length and number of 90° bends *					
	1 or 2 Collectors		3 Collectors		4 Collectors	
	Pipe Length	90° Bends	Pipe Length	90° Bends	Pipe Length	90° Bends
DN15	40 metres	20	30 metres	20	15 metres	20
DN20	NR	NR	40 metres	20	40 metres	20

- * 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.

LEGEND

- STOP COCK
- NON RETURN VALVE
- DUAL CHECK VALVE
- PRESSURE LIMITING VALVE (IF REQUIRED)
- COLD WATER RELIEF VALVE (IF REQUIRED)
- UNION
- CIRCULATOR
- SOLAR NON RETURN VALVE
- BLEED VALVE
- DIRECTION OF FLOW
- TUNDISH

- HOT WATER CONNECTION:- RP $\frac{3}{4}$ "/20.
- COLD WATER CONNECTION:- RP $\frac{3}{4}$ "/20.
- SOLAR HOT (FROM COLLECTOR) CONNECTION:- DN15 COMPRESSION FITTING. (SOLAR HOT WATER INLET TO TANK: RP $\frac{3}{4}$ "/20).
- SOLAR COLD (TO COLLECTOR) CONNECTION:- DN15 COMPRESSION FITTING. (SOLAR COLD WATER OUTLET FROM TANK: RP $\frac{3}{4}$ "/20).
- T&PR VALVE CONNECTION:- RP $\frac{1}{2}$ "/15.
- STORAGE VOLUME:- 410 LITRES.
- BOOST VOLUME:- 285 LITRES.

**RHEEM WATER HEATERS
SOLAR LOLINE ELECTRIC BOOST 511430
(WITH 2xNPT 200 SOLAR COLLECTORS)**

**Solar Water Heater Aspect
Southern Hemisphere**

