

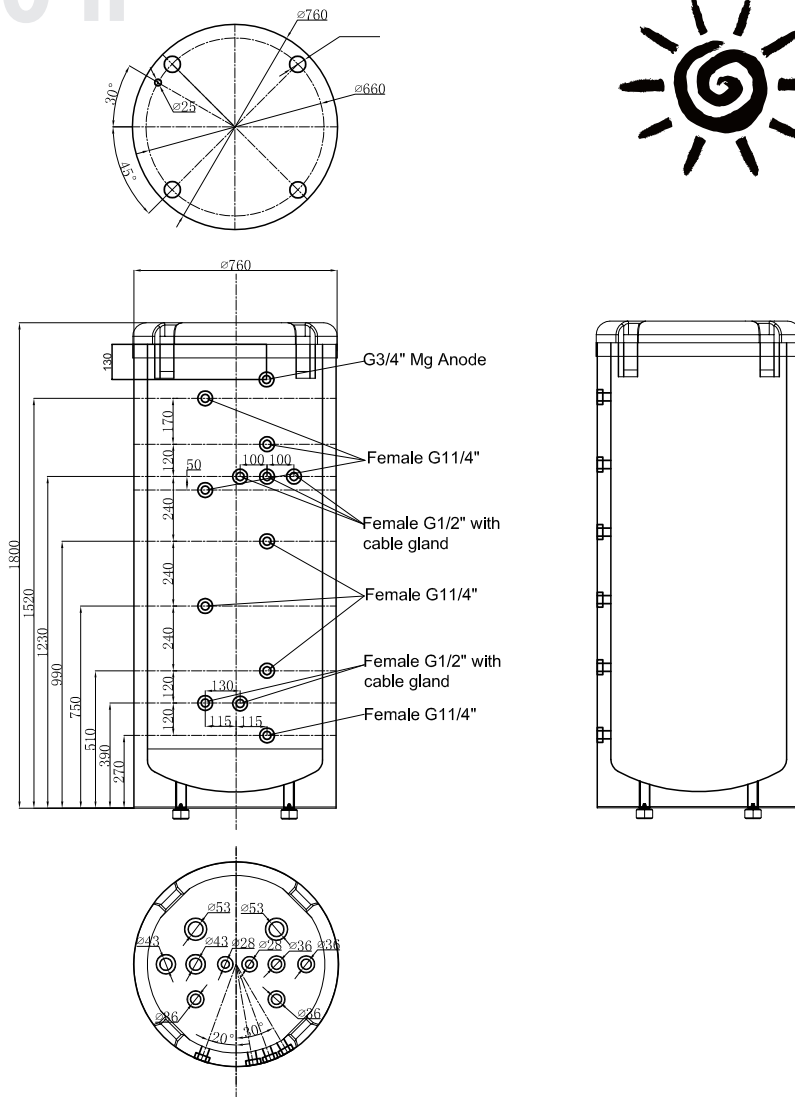
SH-500 II

THERMAL HEAT
EXCHANGER
STORAGE TANK

SPECIFICATIONS



SH-500 II



SH-500 II THERMAL HEAT EXCHANGER STORAGE TANK SPECIFICATIONS

CAPACITY:	460 Litres
MATERIAL:	Internal 2.0mm
INNER TANK: Stainless Steel	304
COIL TYPE: Helical Corrugated	ANSI 316L
HEIGHT:	1817mm
DIAMETER:	760mm
WEIGHT: Empty	90 kg
WEIGHT APPROX: Full	590 kg
TANK INSULATION: Polyurethane Insulation	80mm
OUTER TANK: Normal Steel Painted White	0.5mm

Applications: Underfloor Heating & Cooling, Solar, Pool/Spa, Domestic Hot Water, Wet Back, Recommended Maximum Temperature 90 C.

SH-500 II THERMAL HEAT EXCHANGER STORAGE TANK

DETERMINATION OF HEAT LOSS

STABILISATION PERIOD h	312.96
TEST PERIOD h	93.32
AVERAGE AMBIENT AIR TEMP °C	19.5 ± 0.5
AVERAGE CONTAINER TEMP °C	73.2 ± 0.5
AVERAGE CONTAINER CORE TEMP	75.1 ± 0.5
STANDING HEAT LOSS kWh/24h	2.821 ± 0.027
MAXIMUM ALLOWABLE HEAT LOSS kWh/24h [Vented heaters without attached feed tank]	2.93 (400L)

Complies with AS/NZS 4766 & UV Resistance UV24/ASTM D2565