

NUR 100 Collectors Specifications

MODEL	NUR 100 Solar Collector
TYPE	LIQUID FLAT PLATE SOLAR COLLECTOR
STANDARD SIZES	1750 × 750 × 100 mm
STANDARD ABSORBANCE AREA	1.32 m ²
PANEL	STEEL
NUMBER OF THE TUBES	7
ABSORBER COATING	SPECIAL COLLECTOR PAINT BLACK
WELDING	ARC-WELDING
DELIVERY TUBE'S DIAMETER	0.5 "
ABSORBANCE PLATE DIMENSIONS	7 × (1670 × 100 × 0.9 mm)
INSULATION	50 mm ALUMINUM ROCK WOOL (60Kg/m ³)
ABSORBANCE	85 %
COVER MATERIAL	GALVANIZE STEEL
GLASS SEALING	RUBBER FOR LEAKAGE PROTECTION
GLASS TYPE	TRANSPARENT GLASS (0.4mm)
OUTLET GASKET	RUBBER
COLLECTOR OUTLET , HEADER DIAMETER	1 "
TEST PRESSURE	10 Bar
MAXIMUM WORKING PRESSURE	6 Bar
LIQUID FLOW RATE	94 L/h
LIQUID CAPACITY	3.6 lt.
TEST REPORT	150 kWh / m2
WEIGHT	42.0 kg.

