



ITEM TYPE NN	ITEM TYPE Description	Application Description
343	THERMOSIPHON TANK DMS+PC	Hot water storage tank for use in solar thermosiphon system. Made of high quality materials and state-of-the-art technology.

Item Code	DVCD	ITEM Description	DVCD Description
110166	300943	TANK THERM/NIC HYDRO+TRM 120 JC-0	1,5 kW

Version	Version Date	UM1	Weight (Net) [kg]	Weight (Gross) [kg]	Volume [m³]
8137	17/11/2025	PCS	50.51	50.80	0.309

Attribute Category	Attribute	Value
FIX SCREW OF HEATING ELEMENT	STEM LENGTH [mm]	25
	THREAD	M8
	HEAD SHAPE	T-BOLT
	MATERIAL	GALVANIZED STEEL
FIX NUT OF PROTECTIVE CAP OF HEATING ELEMENT	STEM LENGTH [mm]	13
	THREAD	M3,5
	MATERIAL	GALVANIZED STEEL
GENERAL		
	HEAT TRANSFER SURFACE [m2]	0,51
	ORIENTATION	HORIZONTAL
	DHW VOLUME [lt]	105
	HEAT TRANSFER MEDIUM VOLUME [lt]	4,3
	NOMINAL CAPACITY	120
	HEAT TRANSFER TYPE	JACKET
	CONNECTIONS TYPE	CENTRAL

DIMENSIONS

EXTERNAL SHELL Ø [mm]	500
TANK TOTAL LENGTH [mm]	1000

EXTERNAL SHELL

THICKNESS [mm]	0,5
TEMPER	DX51D
MATERIAL	CARBON STEEL
COLOUR	RAL9006(WHITE ALUMINIUM)

ADDITIONAL INFOS

HEAT EXCHANGER	0
HEAT EXCHANGER TRANSFER SURFACE [m2]	NO
HEAT PUMP SUITABLE	NO

INTERNAL CAPS

INTERNAL CAP MATERIAL	COLD ROLL STEEL DC03
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INTERNAL BODY

BODY MATERIAL	COLD ROLL STEEL DC01
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INTERNAL JACKET

JACKET MATERIAL	COLD ROLL STEEL DC01
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SEALING COMPONENT OF HYDRAULIC FITTINGS	MATERIAL	ANAEROBIC METHACRYLATE
FIX NUT OF HEATING ELEMENT	THREAD	M8
	SHAPE	HEXAGON
	MATERIAL	GALVANIZED STEEL
EXTERNAL LATERAL CAPS	EXØ [mm]	505
	THICKNESS [mm]	0,5
	TEMPER	DX51D
	MATERIAL	CARBON STEEL
	COLOUR	RAL9006(WHITE ALUMINIUM)
PACKAGING PROTECTIVE CAPS	SIZE 1 [mm]	535
	SIZE 2 [mm]	535
	DENSITY [kg/m3]	25
	MATERIAL	EPS
	COLOUR	WHITE
DHW OUTLET PIPE	EXØ TUBE [mm]	12
	TUBE THICKNESS [mm]	0,4
	PLUG MATERIAL	EPDM
	TUBE MATERIAL	INOX-316
CLOSE LOOP SAFETY VALVE SOCKET	SIDE 2 SIZE	1/2"
	SIDE 2 TYPE	MALE
	MATERIAL	BRASS
EXPANSION VESSEL SOCKET	SIDE 2 SIZE	1/2"
	SIDE 2 TYPE	MALE
	MATERIAL	BRASS

CLOSE LOOP HOT LIQUID CIRCULATION SOCKET	SIDE 2 SIZE	3/4" - FLAT EDGE SURFACE - INTERNAL DIAMETER 15,5mm
	SIDE 2 TYPE	MALE
	MATERIAL	BRASS
CLOSE LOOP COLD LIQUID CIRCULATION SOCKET	SIDE 2 SIZE	3/4"
	SIDE 2 TYPE	MALE
	MATERIAL	BRASS
HEATING ELEMENT SEALING FLANGE	Ø SCREW HOLE [mm]	7,9
	EXØ [mm]	140
	THICKNESS [mm]	16
	NR OF HOLES	8
	MATERIAL	EPDM
HEATING ELEMENT CAP SEALING FLANGE	MATERIAL	EPDM
	COLOUR	BLACK



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Standard Packaging

STRETCH FILM WRAPPING WITH EPS CAP PROTECTION

General Dimensions of Packaged Product

Length [mm]: 1080

Width [mm]: 535

Height [mm]: 535

Shelf-Life Information

24 months from date of manufacture when stored at $23^{\circ}\text{C} \pm 8^{\circ}\text{C}$ and 50% relative humidity and protected from UV light and dust.

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