



ITEM TYPE NN	ITEM TYPE Description	Application Description
142	SOLAR COLLECTOR	Solar thermal collector for SWHS or pumped circulation systems for heating the water by solar radiation. Made of high quality materials and state-of-the-art technology.

Item Code	DVCD	ITEM Description	DVCD Description
105338	0	SOLAR COLLECTOR ENERGY+EVO 15 VF4	#

Version	Version Date	UM1	Weight (Net) [kg]	Weight (Gross) [kg]	Volume [m³]
6657	11/07/2023	PCS	20.22	20.70	0.170

Attribute Category	Attribute	Value
ABSORPTIVE SURFACE	CATEGORY	MT-1300
	CUTTING LENGTH [mm]	1440
	SHEET TOTAL WIDTH [mm]	NON-FIN
	THICKNESS [mm]	0,40
	CUTTING WIDTH [mm]	935
	MATERIAL	ALUMINIUM
	COLOUR	BLUE

GENERAL	APPROVED INSTALLATION TILT RANGE [°]	15 - 75
	APPROVED HEAT TRANSFER MEDIUM	Water-Propylene Glycol Mixture
	ABSORPTIVE SURFACE [m2]	1,35
	GENERAL TYPE	EVO
	NET LENGHT [mm]	1503
	NET WIDTH [mm]	1007
	NET HEIGHT [mm]	85
	CENTERS DISTANCE [mm] (Header-Header)	1405
	SIZE	15

ORIENTATION	VERTICAL
OVERALL AREA [m2]	1,51
TYPE	ENERGY+
ABSORPTIVE SURFACE TYPE	FULL PLATE
OUTLETS TYPE	4
VOLUME WATER CAPACITY [lt]	1,16

TRANSPARENT COVER

TEMPERED	YES
SURFACE PATTERN	MATT/PRISMATIC
THICKNESS	3,2mm
MATERIAL	GLASS

PERFORMANCE

SOLAR ABSORPTION a [%]	95
SOLAR EMISSION e [%]	5
STAGNATION TEMPERATURE [°C]	230
PEAK POWER [W]	1071
MAX OPERATING PRESSURE [bar]	10

ADDITIONAL INFOS

EXTRA SPECIAL LABELS	NO
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LABEL	UV-RESISTIVE	YES
	MATERIAL	POLYESTER
	COLOUR	SILVER
VERTICAL TUBES (RISER)	EXØ [mm]	08
	LENGTH	3000m
	CUTTING LENGTH [mm]	1392
	THICKNESS [mm]	0,40
	QUANTITY	8
	TEMPER	HARD
	MATERIAL	COPPER
FRAME MOVEABLE FIXING NUTS	LENGTH [mm]	50
	THICKNESS [mm]	5,0
	WIDTH [mm]	20
	QUANTITY	4
	THREAD	M8
	MATERIAL	GALVANIZED STEEL
JOINTS	WELDING STEP DISTANCE [mm]	2,1(DEFAULT)
	WELDING METHOD	LASER
	TYPE	BRAZING
	MATERIAL	COPPER BASED
	LEAD-FREE	YES
BACK PLATE INSULATION	THERMAL CONDUCTIVITY [W/mk]	0,034
	THICKNESS [mm]	30
	DENSITY [kg/m3]	20
	MATERIAL	GLASSWOOL
	COLOUR	BLACK

FRAME	POSITION OF PROFILE^S MOVEABLE FITTINGS	DEFAULT (UP-DOWN (POSITIONS 1-3))
	NR OF VENTILATION HOLES	4
	TYPE OF VENTILATION HOLES [mm]	WINDOW
	MATERIAL	ALUMINIUM
	COLOUR	NATURAL SILVER
BACK PLATE OF FRAME	SURFACE FORM	FLAT
	THICKNESS [mm]	0,4
	TEMPER	H26
	MATERIAL	ALUMINIUM 3105
CONNECTION GASKET	NECK Ø [mm]	33
	EXØ [mm]	42
	INØ [mm]	18
	SHAPE	BELL
	MATERIAL	EPDM
	COLOUR	BLACK
GLASS TO FRAME SEALANT	UV-RESISTIVE	YES
	CURE TYPE	MOISTURE
	MATERIAL	SILICONE
	COLOUR	BLACK
GLASS TO FRAME SUPPORT	THICKNESS [mm]	1,0
	MATERIAL	PE
	TAPE COLOUR	BLACK
SUPPORT FOR BACK PLATE TO FRAME	THICKNESS [mm]	0,8
	MATERIAL	PE
	TAPE COLOUR	BLACK
PACKAGING END PLUG		

MATERIAL	PE
COLOUR	RAL1026(LUMINOUS YELLOW)

PACKAGING FILM WRAP

MATERIAL	LDPE
COLOUR	COLOURLESS

Standard Packaging

SHRINK FILM WRAPPING WITH EPS CORNER PROTECTION

General Dimensions of Packaged Product

Length [mm]: 1583	Width [mm]: 1077	Height [mm]: 100
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Shelf-Life Information

24 months from date of manufacture when stored at 23°C ± 8°C and 50% relative humidity and protected from UV light and dust.

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