



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
108975	0	SOLAR COLLECTOR SUPREME ENERGY 29 VF4	#

Version	Version Date	UM1	Weight (Net) [kg]	Weight (Gross) [kg]	Volume [m³]
9087	30/07/2026	PCS	40.00	40.69	0.319

Attribute Category	Attribute	Value
ABSORPTIVE SURFACE	CATEGORY	ENERGY
	CUTTING LENGTH [mm]	1937
	SHEET TOTAL WIDTH [mm]	1385
	THICKNESS [mm]	0,40
	CUTTING WIDTH [mm]	700
	MATERIAL	ALUMINIUM
	COLOUR	BLUE

GENERAL	APPROVED INSTALLATION TILT RANGE [°]	15 - 75
	APPROVED HEAT TRANSFER MEDIUM	Water-Propylene Glycol Mixture
	ABSORPTIVE SURFACE [m2]	2,68
	GENERAL TYPE	SUPREME
	NET LENGHT [mm]	2006
	NET WIDTH [mm]	1457
	NET HEIGHT [mm]	85
	CENTERS DISTANCE [mm] (Header-Header)	1910
	SIZE	29

ORIENTATION	VERTICAL
OVERALL AREA [m2]	2,92
TYPE	ENERGY+
ABSORPTIVE SURFACE TYPE	FULL PLATE
OUTLETS TYPE	4
VOLUME WATER CAPACITY [lt]	2,01

TRANSPARENT COVER

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

PERFORMANCE

SOLAR ABSORPTION a [%]	95
SOLAR EMISSION e [%]	5
STAGNATION TEMPERATURE [°C]	230
PEAK POWER [W]	2217
MAX OPERATING PRESSURE [bar]	10

ADDITIONAL INFOS

EXTRA SPECIAL LABELS	NO
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DIMAS S.A. SOLAR COLLECTORS
2nd km Argos-Nafplio, 21200, Argos, Greece,
P.O.Box: 42

T: 0030 27510 20920/20922 - F: 0030 27510 62671
VAT No: EL094377510
www.dimas-solar.gr - sales@dimas-solar.gr

LABEL	UV-RESISTIVE	YES
	MATERIAL	POLYESTER
	COLOUR	SILVER
VERTICAL TUBES (RISER)	EXØ [mm]	08
	LENGTH	1897mm
	THICKNESS [mm]	0,40
	QUANTITY	13
	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]	50
	MATERIAL	ROCKWOOL
	COLOUR	BROWN
HORIZONTAL TUBES (HEADER)		
	Ø HOLE [mm]	Ø8

FRAME	NR OF VENTILATION HOLES	4
	TYPE OF VENTILATION HOLES [mm]	WINDOW
	MATERIAL	ALUMINIUM
	COLOUR	RAL9005(JET BLACK)
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)
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Standard Packaging
SHRINK FILM WRAPPING WITH EPS CORNER PROTECTION

General Dimensions of Packaged Product		
Length [mm]: 2086	Width [mm]: 1527	Height [mm]: 100

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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