

# ECOTOP VHM FLAT PLATE SOLAR COLLECTOR (FOR FORCED SYSTEMS)

ERP



## > PRODUCT SPECIFICATIONS

- Solar collector with "tray" aluminium construction for better durability
- Solar collector absorber with vacuum-high-selectivation by sputtering (PVD), laser-welded with harp copper pipes
- Tempered solar glass, high transparency
- Solar collector insulation: 40 mm high density mineral wool (rear) and 10 mm (side), with ventilation openings
- Max operating pressure: 10 bar
- Quality certification "EU Keymark" (EN 12975)
- Warranty: 10 years

MODEL		VHM 2.1	VHM 2.7
Dimensions	mm	1037x2018x89	1314x2018x89
Gross area of the collector	m <sup>2</sup>	2,09	2,65
Net useful area (absorber)	m <sup>2</sup>	1,82	2,36
Total weight	kg	34,4	42,4
Solar circuit fluid content (including storage)	l	0,85	1,09
Stagnation temperature	°C	204,9	204,9
Absorber type	%		95
Absorption factor (absorber)	%		5
Solar collector insulation		40 mm high density mineral wool	
Connections	Ø	3/4"	
Max operating pressure solar circuit	bar	10	
Connections	nr.	4	
Max nr. of collectors in a row	nr.	8	
Number of pieces on 1 pallet	nr.	8	8
ARTICLE NR.		OXDN1KXA	OXDN2KXA

## > ACCESSORIES

MOUNTING SETS	CODE
<b>FIXING BARS</b> (1 couple for each collector) <b>mod. 2.1</b>	076224X0
<b>FIXING BARS</b> (1 couple for each collector) <b>mod. 2.7</b>	076225X0
<b>ADDITIONAL MOUNTING SET FOR FLAT ROOFS (TERRACE):</b> to be ordered in nr. equal to the total nr. of collectors in one hydraulic battery (or 2 pieces for one single collector)	076226X0

BRACKETS FOR SLOPING ROOFS	CODE
Stainless steel universal flexible brackets for each collector (4 pcs.)	076218X0
Stainless steel brackets for 1 coll. - metallic roofs (threaded)	076172X0
Stainless steel brackets for each additional collector - metallic roofs (threaded)	076176X0
Stainless steel brackets for 1 coll. - metallic roofs (self-threading for wood)	076197X0
Stainless steel brackets for each additional collector - metallic roofs (self-threading for wood)	076198X0
Galvanised brackets for 1 coll. - flat tiles	076173X0
Galvanised brackets for each additional collector - flat tiles	076175X0
Galvanised brackets for 1 coll. - curved (florence) tiles	076174X0
Galvanised brackets for each additional collector - curved (florence) tiles	076177X0
Galvanised brackets for 1 coll. - slate tiles	076195X0
Galvanised brackets for each additional collector - slate tiles	076196X0

DESCRIPTION	CODE
<p>Special premixed solar fluid, ready for use, antifreeze protection to -12°C (base: Propilene-glycol, demineralized water, anti-toxic patented pink traceant for pH, specific corrosion inhibitors)</p>	5 kg 077102X0
	25 kg 077103X0
<p>Thermostatic mixing valve 1/2"</p>	013002X0

DESCRIPTION	CODE
<p>Hydraulic connections - start set, 4 pcs. (side connections for the first/last collector)</p>	072235X0
<p>Hydraulic connections - interconnection set, 2 pcs, insulated (between 2 collectors)</p>	072236X0
<p>Purge valve (de-aerator) for the solar circuit</p>	072237X0