



Zytech Modular Flat Plate Collectors

C ZYTV 20 Black

Distinguished design, professional finishing, top quality and high energy yield, as well as their excellent price / performance ratio make them stand out.

At 2.02m² and subject to optimum positioning, it can harvest enough energy to cover the entire hot water demand for almost three persons.

It is also no problem to arrange the collectors in rows, side-by-side, or above each other, to provide plenty of energy for a higher hot water demand.

- High quality product and high performance
- Works in all climates including areas with long winters
- Solutions for single homes up to large-scale systems
- Modular design so you can add on as your budget allows
- Easy installation and servicing, installation on sloping roof, plane roof and balcony
- Dual uses - domestic hot water (DHW) with space heating support or pool / spa heating
- Elegant appearance
- Excellent price / performance ratio
- Many references of satisfied customers
- Long-term warranty

The most important features

- Efficiency 78.7 %
- Available in two colours (silver or brown anodised)



Zytech Black flat collector datasheet



Collector type

C.ZYTV20 Black

Description	Unit	Specification
Dimension(Length x Width x Height)	mm	2000 × 1010 × 95
Gross area	m ²	2.02
Aperture area	m ²	1.84
Absorber area	m ²	1.75
Total weight of the empty collector	kg	40
Collector connection (Inlet / outlet)	mm	Φ22
Max. output	w	2920 (G=1000 w/m ²)
Max. idle temperature	°C	164
Liquid content	L	2
Operating pressure	Bar	12
Nominal volume flow	L/h	50-300
Pressure drop	Bar	0.003 (T=25°C)
Angle of inclination		20° to 85°
Recommended circulation flow		Glycol / Water/ Antifreezing fluid



Cover

Cover material	Textured tempered glass with low iron content
Cover thickness	4 mm
Cover transmission	≥ 93%

Absorber

Material	Copper strip
Surface treatment	Chromeplate coating (Black)
Absorptivity	85% ± 2%
Emissivity	15% ± 2%

Frame

Material	Aluminum alloy
Colour	Silver or brown anodised

Insulation

Material	Glass wool
Size & Density	50 mm, 35 kg / m ³
Back plate	Aluminium sheet 0.5 mm thickness
Glass sealing	EPDM



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