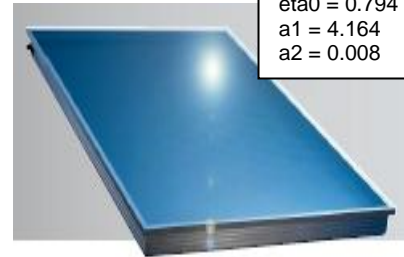


Technical Specification **FK8203N 2H VS8E**

Short technical specification:

- **C35 anodised** Aluminium frame collector (black)
- Collector gross area: **2,02 m²**
- Absorber area: **1,85 m²**
- Aperture area: **1,93 m²**
- Dimension: 1730x 1170 x 83 mm
- 40 mm insulation at the back wall
- **Harp absorber** with a single sheet **Aluminium** absorber / **high selective coted** and Laser welded
- **Ø18mm** header tubes with **2x 3/4"** threaded flat seal connection on top
- **3,2 mm** low-iron float solar glass, tempered
- 8 collectors single packed upright on a wooden pallet
- 8mm tube for connecting temperature gauge included
- Solar Keymark and MCS certified
- 10 years warranty valid from date of production according to our general terms of warranty



Performance data on Aperture
 $\eta_{a0} = 0.794$
 $\alpha_{1a} = 4.164$
 $\alpha_{2a} = 0.008$

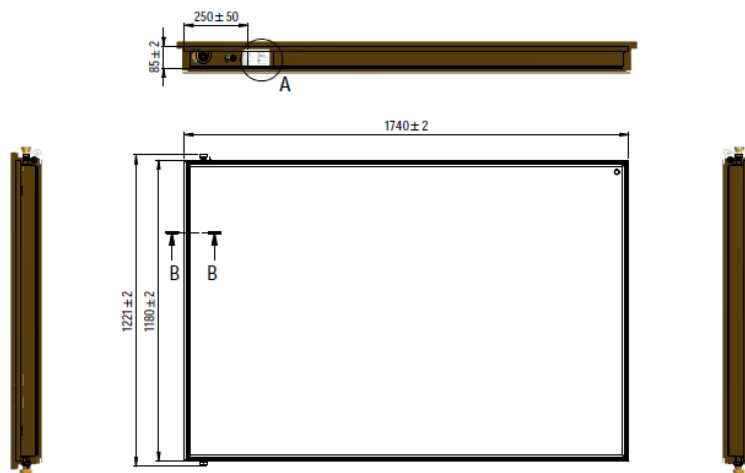
Technical Data	Collector name FK8200N 2H VS8E
Overall area [m ²]	2.02
Absorber area [m ²]	1.85
Aperture area	1.93
L x W X H [mm]	1730 x 1170 x 83
Weight [kg]	32
Absorber capacity [l]	1,4
Housing	Al-frame
Surface	C35 anodised (black)
Back plate	Aluminium sheet
Absorber sheet	Aluminium, high selective coated, laser welded
Absorption [%]	95
Emission [%]	5
Ø header tube [mm]	18
Ø risers [mm]	8
Connections	2x 3/4" flat seal threaded connection
Glass	3,2 mm tempered solar safety glass
Transmittance of glass [%]	90.2
Insulation	40 mm mineral wool plate
Max. stagnation temperature	192°C under test conditions
Max. operating pressure	10 bar
Heat transfer medium	Propylene glykol / water mixture
Packaging	8 pcs single packed upright on wooden pallet
Approved installation angle	min. 15°, max. 75°
Guarantee	10 years
Certification	Solar Keymark & MCS
η_{0a} zero loss coefficient on Aperture area	0.794
α_{1a} heat loss	4.164
α_{2a} heat loss	0.008

Frame Colour:



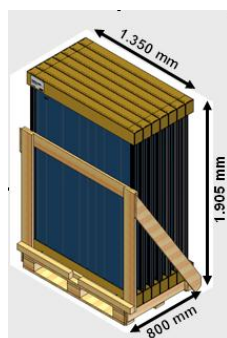
C35 anodised frame (dark / black)

Dimensions:



All pictures shown within this offer are for illustration only

Packaging: 8 collectors single wrapped in shrink foil, top and bottom protected with cardboard



All pictures shown within this offer are for illustration only