



Barilla

F20 Collector

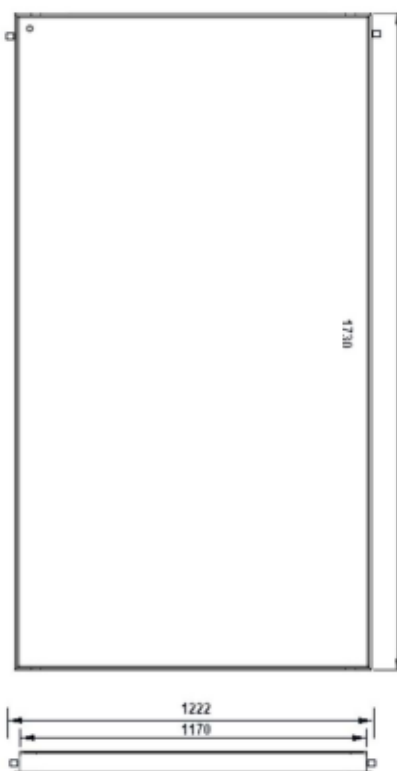
The F20 flat plate collector from Barilla combines the latest technology and standardised fittings for maximum output and flexibility, for a range of domestic applications.

The double harp absorber means the panels can be mounted either in portrait or landscape orientations. This, combined with the $\frac{3}{4}$ " connections at the same ends, means the panel is highly versatile and easy to install.

The F20 is an all-black panel, ideal for the domestic market with an 82.5% efficiency. It comes with matching black anodised rails and features a highly strong frame with tempered low iron glass.

2 connections ($\frac{3}{4}$ " male and female) make installations simple and speedy vs traditional alternatives. Simply connect directly onto each side with DN16 flexible stainless-steel pipe.

The F20 also comes with a 10-year manufacturer's



Barilla part number	CL-FP-F20
Made for Barilla by	GREENoneTEC Austria
GREENoneTEC model number	FK8203 N2A FL
Solar keymark number	011-7S1323 F
Absorber area (m ²)	1.93
Aperture area (m ²)	1.93
Dimensions (H x W x D)	1730 x 1170 x 83
Weight (empty) (kg)	31
Absorber capacity (l)	1.56
Insulation	40mm Mineral Wool
Ø Manifold tube (mm)	22, Cu
Ø Riser Tube (mm)	8, Cu
Collector connections	2 x $\frac{3}{4}$ "
Aperture area efficiency η_{0a}	78.5
Effective heat transfer coefficient	
K_1 (W/m ² k)	3.594
K_2 (W/m ² k)	0.014
Incidental angle modifier K_c (50°C)	0.93