

FES-B20 Technical Specification

Product Description

These 20 tube panels provide excellent performance and reliability through double glass vacuum tubes. The heat pipe technology ensures safe operation even at 'stall' temperatures and requires no wet joints within the panel, allowing easy installation and commissioning.

The stainless steel frame and header ensure that both performance and appearance are maintained for many years. The heat pipe collector manifold is cocooned within rock wool to reduce heat loss and connects to the heating system using 22mm inlet and outlet pipes.

Product Appearance



Technical Features

Technical Data	
Model	FES B-20
Type	Evacuated Double Glass Tube with Heat Pipe
No. / Size of Tubes	20 off Ø47mm
Tube Details	1.6mm thick Borosilicate glass
Size of Panel LxWxD (m)	1.64 x 1.47 x 0.16
Gross Area (m ²)	2.4
Aperture Area (m ²)	1.74
Weight (Kg)	54
Minimum Installation Angle	15 ° from Horizontal, Manifold end highest.
Maximum Operating Pressure	
Efficiency η_0 (optical based on aperture area)	0.56*
A1 (W/m ² K)	1.6*
A2 (W/m ² K ²)	0.004*

* Manufacturers Data based on Aperture area

Assembly

See separate Assembly instruction document

Heat Pipe Details

