



Technical info – Informatii tehnice

ACTIV INVEST SRL.
537265 Sanraieni 133
www.activinvest.net
info@activinvest.net
Tel: +40 724 256 005



Type	Tip	SNM	SNM	SNM	SNSR	SNSR
Tubes	Tuburi	10	20	30	20	30
DimensioHeight	Lungime	...1970..mm	1970..mm	1970mm	1970..mm	1970..mm
Width	Lățime	...770..mm	...1530..mm	2280..mm	1530 mm	2280..mm
Depth	Adâncime					
Stand up height	Înălțime montată	1390..mm	1390..mm	1390..mm	1390..mm	1390..mm
Weight empty	Greutate goală	30..kg	60..kg	90..kg	66..kg	99..kg
Total area (dimensions wo fittings)	Suprafata totală	1.62..m ²	3.18..m ²	4.66..m ²	3.18..m ²	4.66..m ²
Aperture area	Suprafata captantă	0.93568m ²	1.87136..m ²	2.80704..m ²	...1.87136..m ²	2.80704..m ²
Absorber area (projected area of the absorber tubes)	Suprafata absorbantă	0.8084..m ²	1.6168..m ²	2.4252..m ²	...1.6168..m ²	...2.4252..m ²
Pipe connection type and size	Conectare		ø22		ø22	
Stagnation temperature:	Temperatura de stagnare		...200.3. °C		...200.3. °C	
Working temperature:	Temperatura de lucru		95.max °C		...95.max °C	
Working pressure:	Presiune de lucru		...6..bar		...6..bar	
Maximun pressure:	Presiune maximă		...12..bar		...12..bar	
Angle tilt of collector:	Unghiul de montaj		min. +20° max. +70°		min. +20° max. +70°	
Tubes	Tuburi		borosilicat		borosilicat	
Lenght	Lungime		1800mm		1800mm	
Outer tube diameter	Diametru exterior		58mm		58mm	
Inner tube diameter	Diametru interior		47mm		47mm	
Thickness of glass	Grosime sticlă		1,6mm		1,6mm	
Distance from tube to tube	Distanta dintre tuburi		...78..mm		...78..mm	
Absorptivity coefficient :	Coeficient de absorptie		...>94...%		...>.94%	
Emissivity coefficient "ε":	Coeficient de emisivitate		<7...%		<7...%	
Effective thermal capacity	Capacitate termică efectivă		>800w/m ² 14.09 kj/K m ²		>880w/m ² 15.6kj/K m ²	
Vacuum	Vacuum		<5x10-4...Pa		<5x10-4...Pa	
Material of the header pipe:	Materialul tubului Heat Pipe		TU1		TU1 copper coated nickel.	
Outer diameter of the header pipe:	Dimensiunea ext. Capului Heat Pipe		14..mm		...25..mm	
Inner diameter of the header pipe:	Dimensiunea int. Capului Heat Pipe		12.6..mm		23..mm	
Outer heat pipe diameter:	Dimensiunea ext. Tubului Heat Pipe		8...mm		...8..mm	
Inner heat pipe diameter:	Dimensiunea int. Tubului Heat Pipe		...6.6..mm		...6.6..mm	
Length of the heat pipe:	Lungimea tubului Heat Pipe		...1.72..mm		...1.72..mm	
Material of the frame	Materialul ramei		aluminum alloy		aluminum alloy	
Thickness of the frame	Grosimea ramei		...2.00..mm		...2.00..mm	
Thickness of the insulation in the header:	Grosimea izolatiei in capul colectorului		...40..mm		...40..mm	
Material of the insulation:	Materialul izolatiei		rock wool		rock wool	
Material of the casing:	Ambalaj		carton		carton	
Sealing material:	Materialul etansant		silica gel		silica gel	