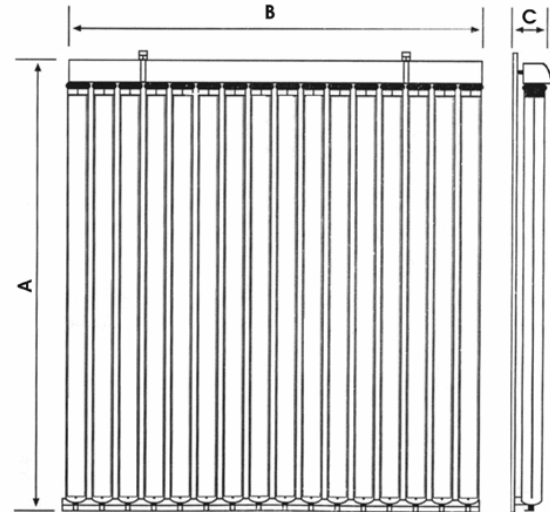




## DIMENSIONS

| Module Type | Seido 5 -8<br>(Seido 5-8) | Seido 5 -16<br>(Seido 5-16) |
|-------------|---------------------------|-----------------------------|
| A (mm)      | 2110                      | 2110                        |
| B (mm)      | 960                       | 1920                        |
| C (mm)      | 125                       | 125                         |



## SPECIFICATIONS

|                                     |  |  |
|-------------------------------------|---|---|
| Model Type                          | Seido 5-8<br>(Seido 5-8)  | Seido 5-16<br>(Seido 5-16)  |
| Tube Construction                   | Heat Pipe with Bent Absorber Vacuum Tube  |   |
| Number of collector pipes           | 8   | 16  |
| Absorber Surface                    | 1.8 m <sup>2</sup>  | 3.6 m <sup>2</sup>  |
| Length x width x height (mm)        | 2110 x 960 x 125  | 2110 x 1920 x 125   |
| Weight                              | 50 kg   | 100 kg  |
| Pressure Drop per module at 100 l/h | 5 mbar  | 10 mbar   |
| Fluid Content                       | 0.48 L  | 0.96 L  |
| Glass Material                      | High Quality borosilicate glass   |   |
| Glass Tube diameter                 | 100 mm  | 100 mm  |
| Wall Thickness                      | 2.5 mm  | 2.5 mm  |
| High Vacuum, long term stability    | < 10 <sup>-5</sup> mbar   | < 10 <sup>-5</sup> mbar   |
| Absorber Material                   | aluminum  |   |
| Coating                             | Aluminum Nitride  |   |
| Absorption Coefficient              | >92%  | >92%  |
| Emission Coefficient                | <8%   | <8%   |
| Angle of Inclination                | 25° to 90°  | 25° to 90°  |
| Test Pressure                       | 10 bar  | 10 bar  |
| Permissible Operating Pressure      | 6 bar   | 6 bar   |
| Max. Temperature                    | 190° C  | 190° C  |
| Non-operating mode                  | 247° C  | 247° C  |