



# NAVI PLUS

collector series

## NAVI PLUS EVO

**10**  
YEAR  
WARRANTY



## Product Benefits

- New tray design with advanced engineering, ensuring high efficiency, combined with high durability
- The robot-automated production line ensures the highest level of precision and sealing
- Long-life operation due to the use of high-quality materials
- Tempered solar safety glass with black frame design, ensuring high aesthetics
- Lightweight for easy transport and installation handling
- Quick installation time for horizontal or vertical mounting

## Technical data

| Model                                      | 15  | 20               | 25               |
|--|---|------------------|------------------|
| L x W x H [mm]                             | 1531 x 1011 x 95  | 2031 x 1011 x 95 | 2031 x 1241 x 95 |
| Overall area [m <sup>2</sup> ]             | 1.53  | 2.05             | 2.52             |
| Aperture area [m <sup>2</sup> ]            | 1.41  | 1.89             | 2.34             |
| C-C Distance (Header-Header) [mm]          | 1380  | 1880             | 1880             |
| Collector type                             | flat/sloped roof-mounted or wall-mounted                                    |                  |                  |
| Frame                                      | uniform, navi-specified aluminium tray                                      |                  |                  |
| Frame surface                              | silver  |                  |                  |
| Back plate                                 | uniform, navi-specified aluminium tray                                      |                  |                  |
| Orientation                                | vertical or horizontal  |                  |                  |
| Absorber sheet                             | pvd, blue, selective aluminium  |                  |                  |
| Absorber Surface                           | full plate  |                  |                  |
| Ø Header [mm]                              | 18 or 22  |                  |                  |
| Ø Riser [mm]                               | 8   |                  |                  |
| NR of header outlets                       | 4 or 3 or 2   |                  |                  |
| Absorptive sheet welding method            | laser   |                  |                  |
| Absorption [%]                             | 95  |                  |                  |
| Emission [%]                               | 5   |                  |                  |
| Glass                                      | 3,2mm, safety-tempered, solar glass   |                  |                  |
| Glass transmittance [%]                    | 92  |                  |                  |
| Insulation                                 | 40mm, rock wool   |                  |                  |
| Insulation thermal conductivity (λ) [W/mK] | 0.034   |                  |                  |
| Mounting system                            | coupling nuts with flat seal  |                  |                  |
| Approved installation angle range [°]      | 15 – 75   |                  |                  |
| Proper heat transfer medium                | polypropylene glycol and water mixture                                      |                  |                  |
| MAX Stagnation temperature [°C]            | 187 (under test conditions)   |                  |                  |
| MAX Operating pressure [bar]               | 10  |                  |                  |
| Labeling                                   | according to customer specification to material, nr, position and language  |                  |                  |
| Packaging                                  | transparent or sun-blackout shrink film wrapping with EPS corner protection |                  |                  |
| Palletizing                                | according to customer specification   |                  |                  |



**92.000** Total m<sup>2</sup> of plant area  
**528.000** Average m<sup>2</sup> of absorbent surface produced annually  
**44 years** of experience

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