



**Abu Dhabi,
The future belongs to
renewable energy**

The biggest solar thermal DHW facility in UAE (Abu Dhabi) „The Exhibition Center (ADNEC)„

Wolf consulting and planning:

- *for the solar thermal facility*
- *buffer cylinder*
- *drink water facility*
- *control technology*
- *statics for fixing rack for the F3-1 collectors*



560 collectors build on parking garage

- **Daily warm water consumption of 40.000 ltr. at 70° C**
- **Supply for:**
 - *410 double room*
 - *2 restaurants*
 - *1 hotel kitchen*
 - *1 swimming pool*
- **Absorber surface of 1120 m² delivers a performance of over 900 kW**
- **4 horizontal buffer cylinders with 20.000 ltr. Capacity → developed by planing department of Wolf**
- **4 stainless steel buffer cylinder with 2000 ltr. each have been downstreamed to cover peacks**



Die Kompetenzmarke für Energiesparsysteme.

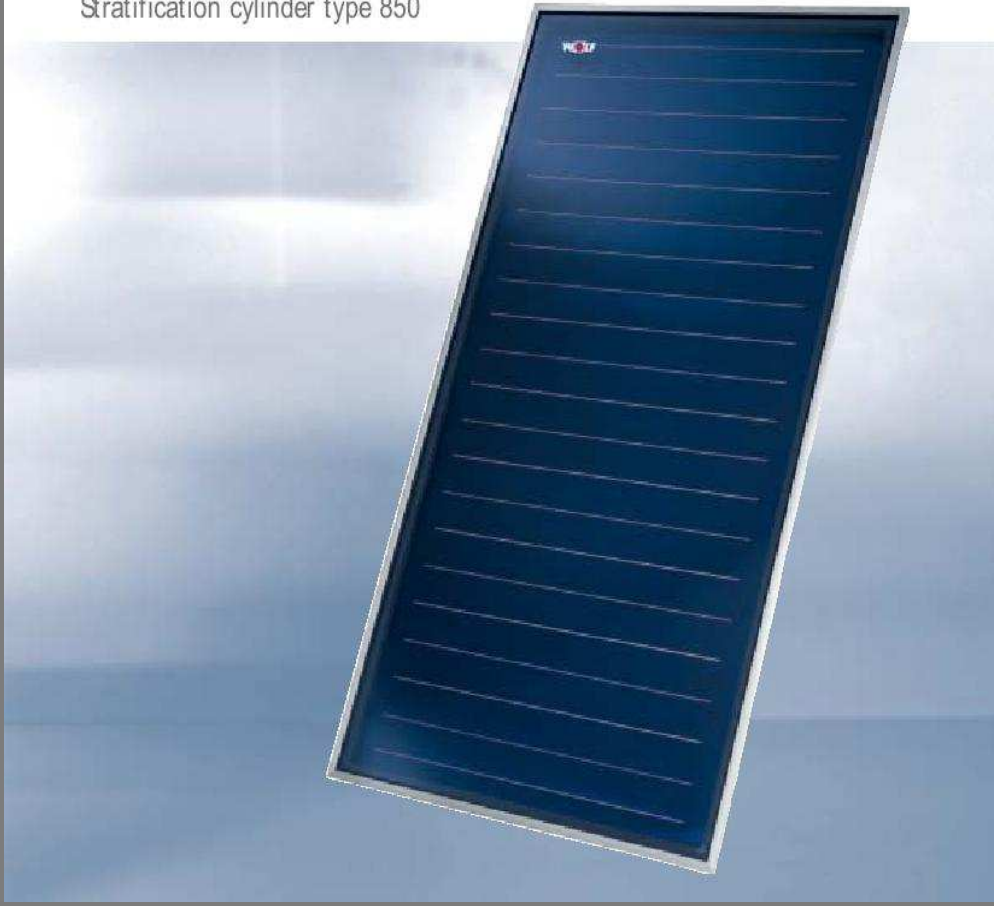
WOLF





Solar technology

- High performance flat-plate collectors TopSon F3 / F3-Q
- High performance flat-plate collector CFK-1
- High performance vacuum tube collector TRK
- Swimming pool absorber
- DHW cylinder SEM-1
- Dual cylinders SED-750 / 280
- Buffer cylinder SPU-2 / SPU-2-W
- Stratification cylinder type 850



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