

**Category or Type Name:** SOURCE for childcare

**Site Name:** Dar Al Aytam Orphanage

**Location:** Akkar, Lebanon

**Climate Type:** Coastal Humid

**Array Size:** 8 Panels

**Developer/Distributor/Organization:** USAID, Rene Moawad Foundation



Funded by USAID

## Use Case

Children are among the most vulnerable to contamination in their drinking water. The residents of Dar Al Aytam Orphanage were in need of safe, reliable, and affordable drinking water.

While Lebanon is among the more water-rich nations in the region, infrastructure in Lebanon leaves residents without reliable access to water. Those with access must still rely on bottled water to ensure the quality of the water they consume.

Institutions like child care facilities and orphanages struggle to secure drinking water that is both safe and affordable. In partnership with USAID and Arizona State University, Zero Mass Water installed eight panels serving the preschool age girls at the Dar Al Aytam Orphanage.

### **SOURCE at Dar Al Aytam**

SOURCE panels were installed with Zero Mass Water distributor, Scolari. The eight panels were lifted to the roof, installed and connected to a wall-mounted dispenser in the girls' dormitory.



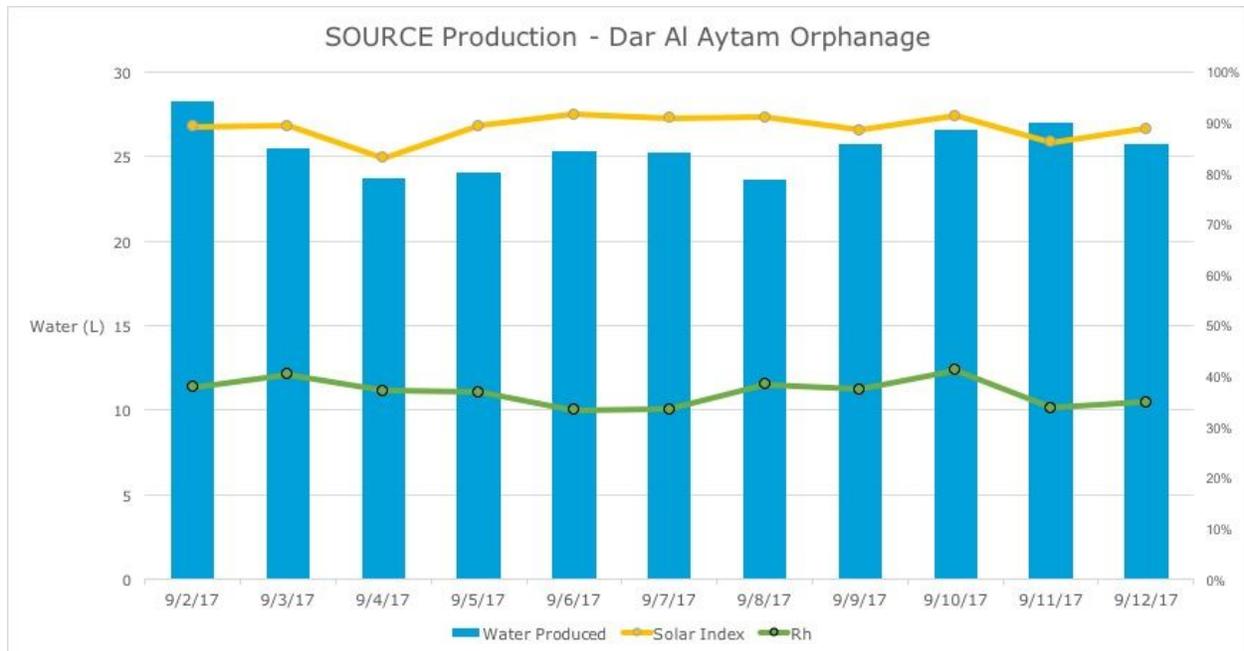
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### **Field Data at Dar Al Aytam**

Average RH: 59%

Average Temperature: 71°

People Served: 35



## SOURCE Usage and Satisfaction

*"This region in the north unfortunately has a high number of kidney and intestinal problems and having SOURCE to replace the polluted water is a great way of eradicating the problem."*

- Kawthar Itani, Head of Akkar Complex at Dar Al Aytam

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The authors' views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.