

Case Study

Manufacturer of Rehabilitative Equipment



Overview: Installed by Tubosol S.R.O. of The Czech Republic, this domestic hot water system, consisting of 10 Apricus AP-30 Solar Hot Water Evacuated Tube Collectors, was installed on Altech, a leading manufacturer of rehabilitative equipment for the disabled. Featuring a 1,500L Quantum Solar Tank, FlowSol XL Pump Station and a DeltaSol BX Controller with online monitoring, the system provides hot water heating for the factory's 60 employees free from the sun. The collectors were installed at 55° which will help to obtain peak performance during the autumn and winter months when the building's water heating costs perviously were at their highest.



TUBOSOL[®]
Hot water solutions

Contact Information:

Apricus Europe: Principala Street no 2
Silistea, Bralia
Romania
T: +40-745-135-336

Tubosol S.R.O.: Průmyslová 712
686 01 Uherské Hradiště
T: +42-077-674-4594

Project Description:

Property Name: Altech Manufacturing
Location: The Czech Republic
System Type: Domestic Hot Water
Array Size: 10 Apricus AP-30 Collectors

Apricus APSE-30:

Physical Specifications:

Dimensions: 2.0m x 2.2m / 78.9" x 86.4"
Aperture Area: 2.98m² / 32.05ft²
Gross Area: 4.15m² / 44.76ft²
Gross Dry Weight: 95kg / 209lb
Fluid Capacity: 710ml / 24 fl oz
Max Pressure: 800kPa / 116psi

Materials of Construction:

Evacuated Tubes: Borosilicate 3.3. Glass
Absorber Coating: Aluminum Nitrate
Heat Pipes: High Purity Copper
Mounting Frame: 439 Stainless Steel
Manifold Casing: 5005-H16 Anodized Aluminum

Warranty:

Manifold & Frame: 15 years
Tubes & Heat Pipes: 10 years