

Case Study

Brewery



Overview: This installation at Upland Brewery consists of 10 Apricus AP-30 Evacuated Tube Collectors feeding a 600 gallon tank to heat water for use in the building's brewery and kitchen. The system is helping the brewery to save money and greatly reduce their carbon footprint. They even re-branded their signature pale ale as Helios Pale Ale in honor of the sun.



Project Description:

Property Name:	Upland Brewery
Location:	Bloomington, IN
System Type:	Closed Loop Domestic Hot Water
Displaced:	Electricity
Array Size:	6 AP-30 Collectors

Apricus APSE-30:

Physical Specifications:

Dimensions:	2.0m x 2.2m / 78.9" x 86.4"
Aperture Area:	2.98m ² / 32.05ft ²
Gross Area:	4.15m ² / 44.76ft ²
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

Contact Information:

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