INSPIRE®

DESIGN VERSATILITY
Transpired solar air heating technology can be utilized on a number of ATAS panel profiles to accommodate your design goals.

SKU:
BWS390, BWS392

Material:
.032 aluminum, .7 mm zinc*

Panel Coverage:
39 3/8", 31 1/2" (zinc)

Minimum Panel Length:
6'-0"

Maximum Panel Length:
40'-0"

Panel Depth:
1 1/2"

Texture:
Smooth with precision-lanced micro perforations

Finish:
70% PVDF

Colors:
To view our selection of solar efficient colors and absorptivity rates, visit www.inspirewall.com

Accessories:
A complete line of trims available in matching colors, gauges, and finishes or as specified

Fasteners:
Exposed (standard)
Concealed (upon request)

*Subject to minimum quantities and extended lead time. Inquire for material and panel coverage availability.

ON THE COVER
Giles County Tenant One Wheatland Eco-Park | InSpire® in Classic Bronze

Coyne College Center | Le Moyne College
Syracuse, NY
InSpire® using Multi-Purpose Panel in Classic Bronze

www.atas.com
### FEATURES:

#### Sustainability:
- Heats fresh air
- Lowers heating costs by $1.50 to $5.50 per sq. ft. of panel per year
- Utilizes free solar energy
- Converts up to 80% of solar energy
- Recaptures heat loss through building wall
- Beneficial in summer
- Contributes toward potential LEED® credits
- Favorable tax incentives
- ATAS is the only US-based manufacturer of transpired collectors

#### Features:
- .032 aluminum
- .7 mm zinc (31½” coverage for zinc)
- Color variety
- 70% PVDF finish
- Contributes to a building’s health and wellness by improving indoor air quality

#### Testing & Certifications:
- SRCC OG-100
  - Solar Rating and Certification Corporation
  - Solar collector thermal performance testing, analysis, and certification
  - Standard 100
- Highest Heat Gain
  - Third party independent testing verified highest heat gain in the industry
- Highest Performance Factor per RETScreen® Energy Modeling & Performance Analysis

“Transpired collectors provide the most reliable, best performing, and lowest cost solar heating for commercial and industrial buildings available on the market today.” — U.S. Department of Energy

---

### HOW IT WORKS

#### STAND ALONE SYSTEM
- Collector is linked to a stand-alone fan with modulating dampers to maintain constant air supply temperature and air flow
- Often found in industrial buildings and warehouses

An intake fan creates a pressure drop inside the plenum, pulling the warmed air through the perforated panel and into the fan. From there the warm air travels through a perforated sock or duct, distributing the air throughout the building.

#### MAKE-UP AIR PREHEATING SYSTEM
- Collector is located upstream of air handling unit to directly preheat incoming outside air
- Often found in schools and industrial buildings
- Perfect for spray paint booths, driers, 100% outside air systems, clean rooms, etc.

If a building requires outside make up air and it’s located in a climate that has a heating season, this system aids in lowering a portion of the energy that normally would go towards heating the outside make-up air. This system does not replace the primary heat source but acts as a supplement, reducing the workload of the normal heating system.

---

For more information: Visit www.inspirewall.com
COLOR CHART

Solar Efficient Colors | Solar Absorptivity

- Black (.95)
- Matte Black* (.91)
- Classic Bronze (.88)
- Dark Bronze Anodized (.85)
- Char Brown* (.76)
- Redwood (.76)
- Hartford Green (.75)
- Antique Patina (.74)
- Chocolate Brown (.74)
- Thunder Grey* (.74)
- Regal Blue (.73)
- Boysenberry (.72)
- Forest Green (.72)
- Charcoal Grey (.71)
- Rocky Grey (.71)
- Teal (.70)
- Hemlock Green (.70)
- Slate Blue (.69)
- Medium Bronze (.67)
- Siam Blue (.66)
- Anchor Grey* (.61)
- Slate Grey (.60)
- Brite Red (.59)
- Mission Red (.59)
- Patina Green (.54)

*Denotes colors in a matte finish | The colors above are representative and may vary slightly from actual colors. Prior to making final selections, please request actual color chip samples. All information is subject to change without notice.