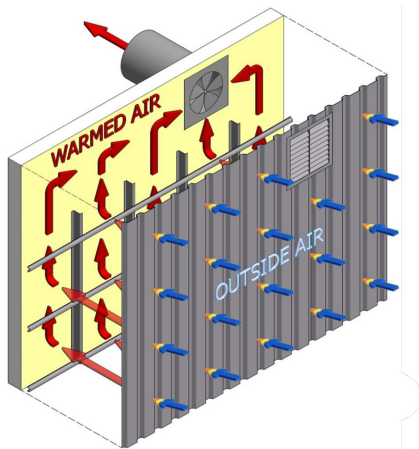
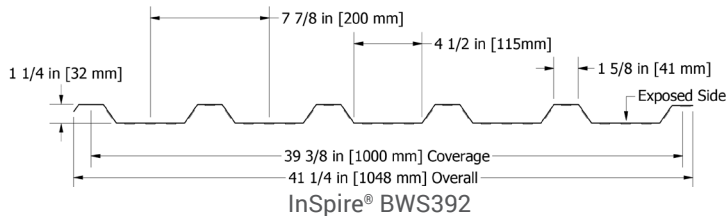
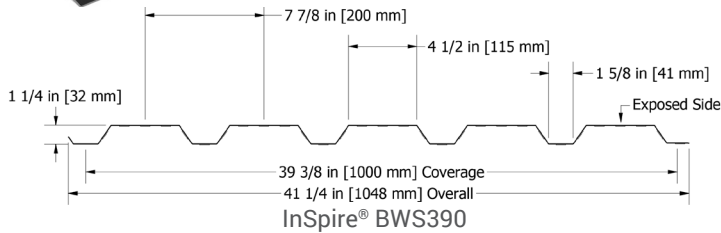
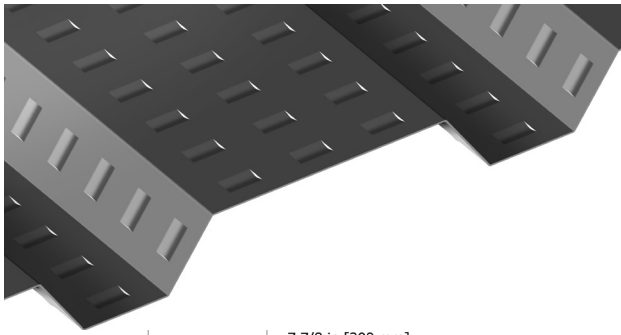


SOLAR AIR HEATING



INSPIRE®

SKU: BWS390, BWS392

MATERIAL

.028" aluminum in Selective Finish only &
.032" aluminum in PVDF colors only

PANEL SPECS

Coverage: 39³/₈"
Minimum Length: 6'-0"
Maximum Length: 40'-0"
Depth: 1¹/₄"

TEXTURE

Smooth with lanced micro perforations

FINISH

70% PVDF
Select Blue (InSpire HP)

COLORS

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

ACCESSORIES

A complete line of trims available in matching colors, gauge, and finish or as specified.

FASTENERS

Exposed (standard)
Concealed (upon request)

HOW IT WORKS

In this schematic of the InSpire Solar Air Heating Collector, the horizontal hat sections are attached to vertical z-channels to create the framing structure used for attaching the perforated panel. These girts and sub-girts also serve the purpose of creating an off-set, or plenum, behind the panel.

Sunlight warms the solar collector (black portion in picture). A thin boundary layer of warmed air begins to accumulate on the surface of the panel. Then, an intake fan pulls this warm air through the perforations, into the plenum, and then into the normal air handling system to help heat the building's interior.

Our selective finish is an optical coating applied to the surface of an element of a solar energy device to reduce thermal radiation losses and improve collector efficiency through higher heat gain.

InSpire assists in the reduction of energy costs and operating carbon emissions.

