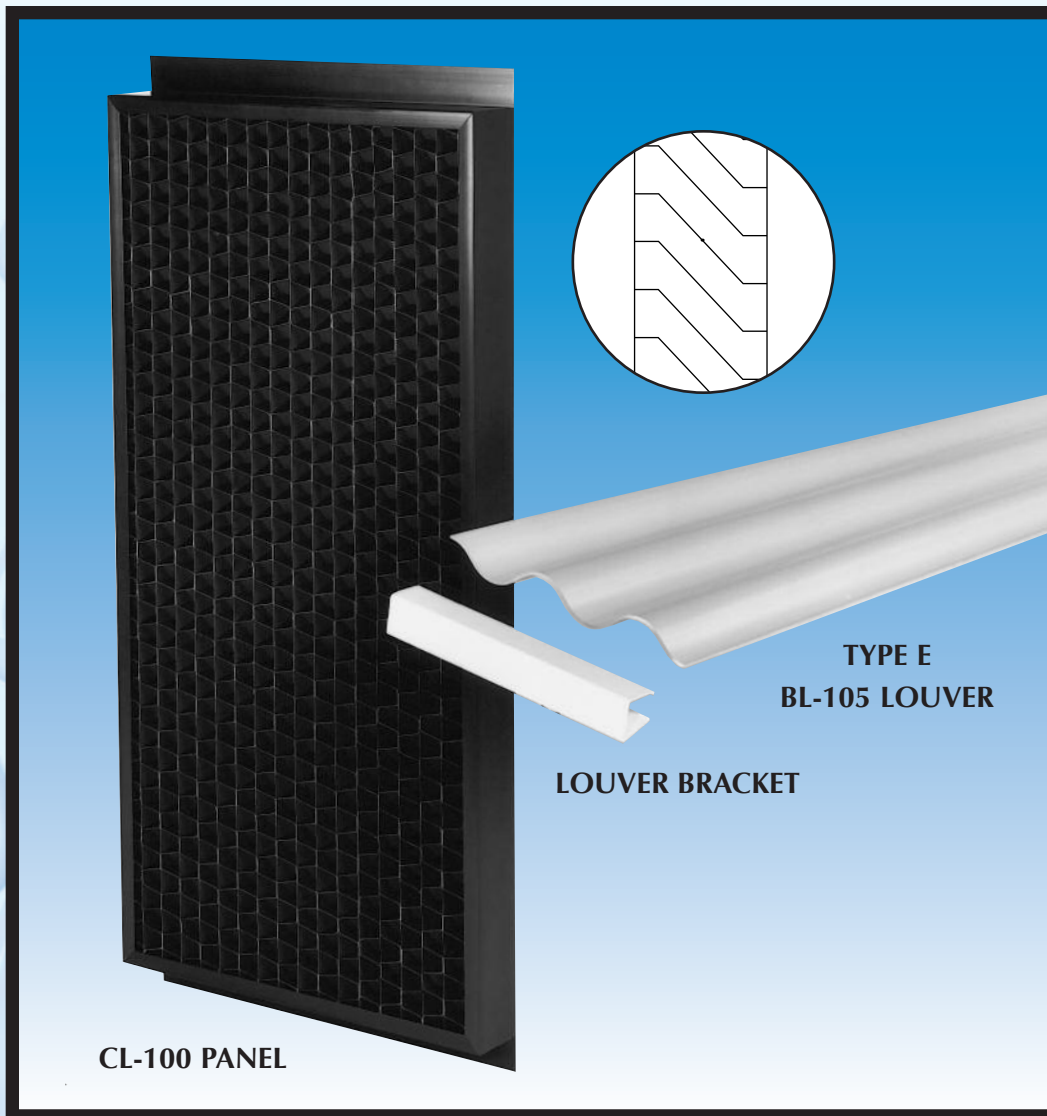


ACCU-PAC[®]

INLET LOUVERS



Cellular and blade type louvers are designed to improve air flow into the cooling tower, eliminate water splash-out which can cause icing problems and restrict the amount of sunlight into the cooling tower to reduce algae growth.

 **BRENTWOOD**
INDUSTRIES[®]

AccuPac® Inlet Louvers

INLET LOUVERS - Nearly all induced draft water cooling towers use corrugated blade type louvers to prevent water from splashing out of the air inlet. In the past, these louvers were either cement asbestos or fiberglass. Brentwood Industries now offers two new products to improve the operational efficiency and aesthetics of your cooling tower.

TYPE E, BL105 - BLADE TYPE LOUVER - This louver is designed using special outdoor weatherable compounds of heavy duty solid PVC to assure long-term maintenance-free performance. Heavy duty extruded PVC louvers offer the following advantages:

- **Durability** - PVC is extremely rugged and will not chip, crack, flake, or corrode in normal cooling tower water. PVC is impervious to chemical attack due to alkalies, acids, fats, grease, and oils.
- **Compatibility and Ease of Use** - The Type E Louver is available in the standard 4.2 corrugation used by nearly all cooling towers. It is available in a standard width of 10.5" (267mm), and lengths up to 20 ft. (6.1m).
- **Low Maintenance** - Virtually maintenance-free, the smooth surface of the louver makes it more difficult for algae and scale to attach to it, and easier to keep clean if they do.
- **Safety** - Louvers are easy and safe to handle and cut. There are no worker hazards or special safety precautions necessary, as there are with asbestos cement or glass fiber products.
- **UV Resistance** - The PVC compounds used in our louvers are specially formulated for UV resistance.
- **Colors** - TYPE E Louvers are offered in standard white to light gray for most applications, but can be purchased in quantity in most any color to match nearby buildings, etc. White or other light colors offer the best protection against solar heat absorption and fading.

- **Fire Resistance** - TYPE E Louvers are non-combustible and self extinguishing.

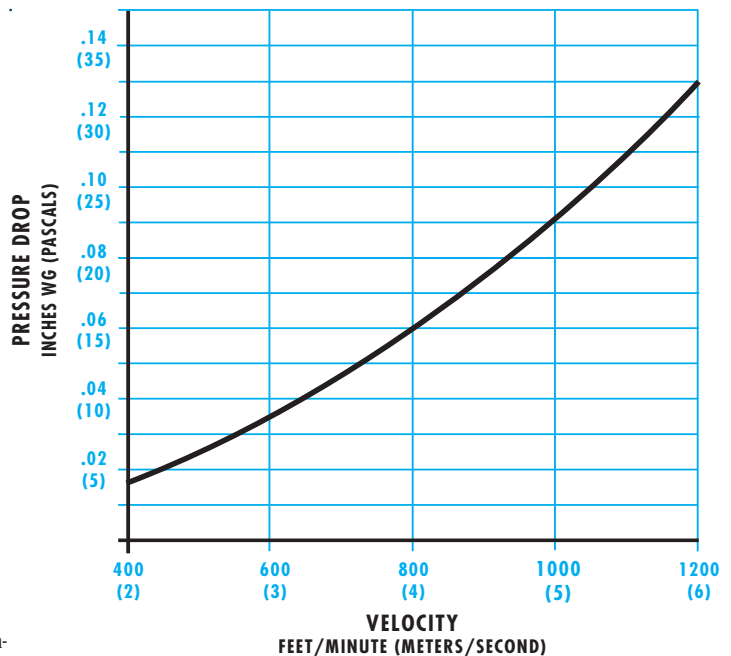
CL-100 - CELLULAR TYPE LOUVER - The CL-100 Cellular Louver is a special product manufactured exclusively by Brentwood Industries. It is used in place of standard blade type louvers in a wide variety of applications. It can be used in the air inlet for both package and field erected counter flow and straight sided cross flow towers. Fresh air make-up systems, air pollution control scrubbers, and VOC strippers are other types of applications where the CL-100 can be utilized.

The CL-100 is a simple and cost effective way to prevent debris and rain from entering, and cooling water from leaving the cooling tower, thereby saving costs in lost water treatment chemicals and water, and minimizing near site water damage problems and icing.

The CL-100 Cellular Inlet Louver offers the following advantages:

- **Durability** - 100% PVC Construction means the CL-100 is completely resistant to rot, corrosion or chemical attack.
- **Low Light Transmission** - The CL-100 permits very little light to pass through due to its configuration and black color. This means less chemical costs due to reduced algae growth on the interior surfaces of the cooling tower system.
- **Ease of Use** - The CL-100 comes in convenient modules that are 12" (305mm) wide, and up to 10 ft. (3.05m) long.
- **Optional Panel Construction** - In order to make installation simpler, a Brentwood custom PVC extrusion is used to fabricate the modules into custom panels (see picture on front side) with mounting flanges on 1, 2 or all 4 sides. This makes installation easier and allows for easy access for cleaning and maintenance.

SPECIFICATIONS	CL-100	BL-105	LOUVER BRACKET
Material	PVC	PVC	PVC
Color	Black	White	White
Thickness/Corrugated	2.5" (63.5 mm)	1.0625" x 4.2" (27 mm x 106.7 mm)	1.5" (38.1 mm)
Module Width	12" (305 mm)	10.5" (267 mm)	1.5" (38.1 mm)
Module Length	1 ft. (305 mm) incr. to 10 ft. (3050 mm) max.	to 20 ft. (6.1 m)	Std. - 9.5", 20" & 41" (240, 510, 1040 mm)
Panel Width	Max. 48" (1220 mm)	N.A.	N.A.
Panel Length	Max. 72" (1829 mm)	N.A.	N.A.
Light Reduction	70:1 (CDX-80, 30,000:1)	N.A.	N.A.
Noise Attenuation	≈ 3dB reduction	N.A.	N.A.
Gauge	.015" (.38 mm)	.125" (3.2 mm)	.075" (1.9 mm)



Brentwood fill products are available in PVC and HPVC, and are UV stabilized. The PVC compounds used in Brentwood fills have outstanding resistance to weather exposure, and are nearly impervious to chemical degradation by alkalies and acids, grease, fats, oils and biological attack. PVC has an excellent fire rating due to its self-extinguishing characteristics. Brentwood PVC material meets CTI (Cooling Tower Institute) Standard 136.

Request "Brentwood's Installation Drawing" for further detail.



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