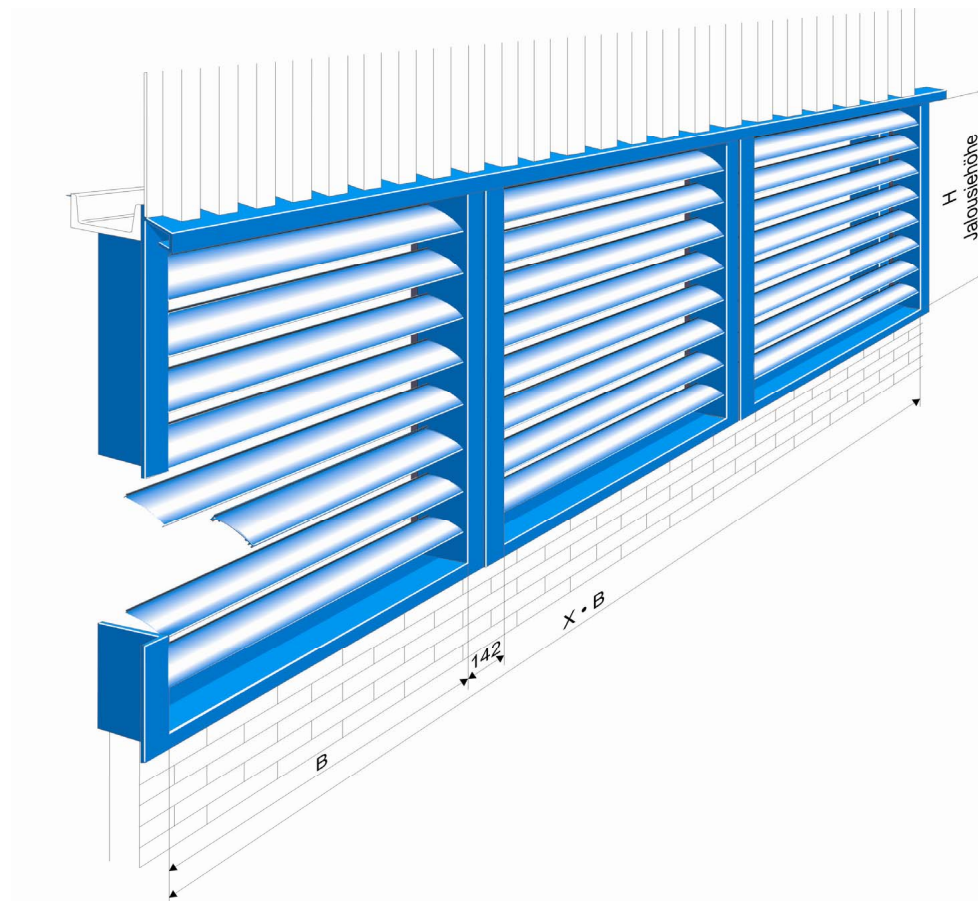


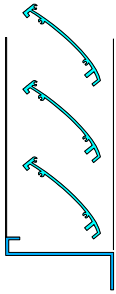
## Air Inlet Louvres Series LUE-F



Overview

Industrial air inlet louvres constructed of extruded aluminium sections





## *Air Inlet Louvres Series LUE-F*

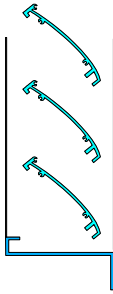
### *Product Description*

**Improving micro-climatic conditions in the working zone with GAL louvres. The optimum in function and design.**

GAL has developed an absolutely new air inlet louvre, Series LUE/LUD which opens up new horizons in louvre design for both industrial and architectural applications. The newly developed and aerodynamically optimised blade section shape features highest air intake capacity, combined with optimum rain tightness. The blade profile has been derived from an aircraft wing profile and was tested at the German Aerospace Center (DLR), Göttingen with a coefficient of discharge  $C_{vo} = 0.35$ .

Even in extremely exposed positions where high wind speeds can occur, this louvre type is suitable with its stormproof blades. The louvres can be adapted to suit individual needs, both, in design and colour.

## Air Inlet Louvres Series LUE-F



### Technical Data Material Specification Options

#### Louvre Frame

Material: Extruded Aluminium Profile  
(AlMgSi 0.5 F22)

Thickness: 2.0 mm

#### Louvre Blades

Material: Extruded Aluminium Profile  
(AlMgSi 0.5 F22)

Thickness: 1.8 mm

Weight: approx. 10 Kg/m<sup>2</sup>

#### Coefficient of Discharge

C<sub>vo</sub> 0.35

No. of blades	Height of opening	Width
5	846	Variable according to customer specification. Maximum width: 6000 mm.
6	1011	
7	1176	
8	1341	
9	1506	
10	1671	Intermediate size and oversized louvers are custom made to specifications.
11	1836	
12	2001	
13	2166	
14	2331	
15	2496	
16	2661	
17	2826	
18	2991	

Operation			Finish			Options				
Manual		Pneumatic	Electric	Uncoated	Anodized	Coated	Certified smoke extraction function	Bird screen	Lip seal	Side frame seal
Hand lever	Teleflex									
N/A	N/A	N/A	N/A	X	X	X	N/A	X	N/A	N/A