BROOKVENT™

airlouvre BRL

RIGHT PRODUCTS BEST ADVICE

European quality. American standard.

Premium ventilation louvers

QUALITY

Brookvent ventilation louvers are characterised by high quality, while most louvers (PTAC - Package Terminal Air Conditioner) available on the market are constructed exclusively from thin-walled elements connected with a few rivets, which limits their durability and performance parameters. **Brookvent offers a solution with a significantly higher engineering standard.**



STANDARDS

Our ventilation grilles are **designed in accordance with European standards of precision and taking into account the specific nature of American construction and installation requirements**. The use of materials with increased resistance to weather conditions and optimised profiles ensure increased structural rigidity, **stable air flow and long product life**.



COMPATIBILITY

Each element is inspected during the forming, processing and assembly stages, which ensures repeatable parameters and a high-quality finish. **Our solutions are also fully compatible with window systems from renowned European manufacturers**, ensuring uniform dimensional fit and seamless integration with existing façades.

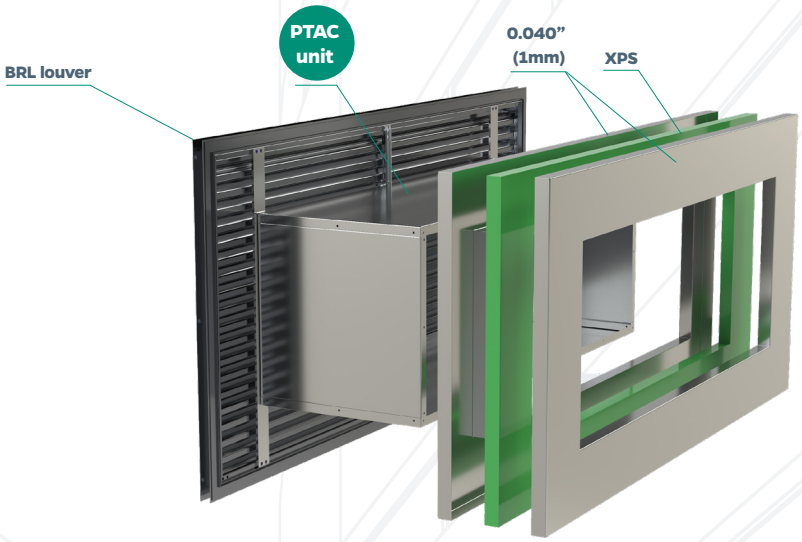


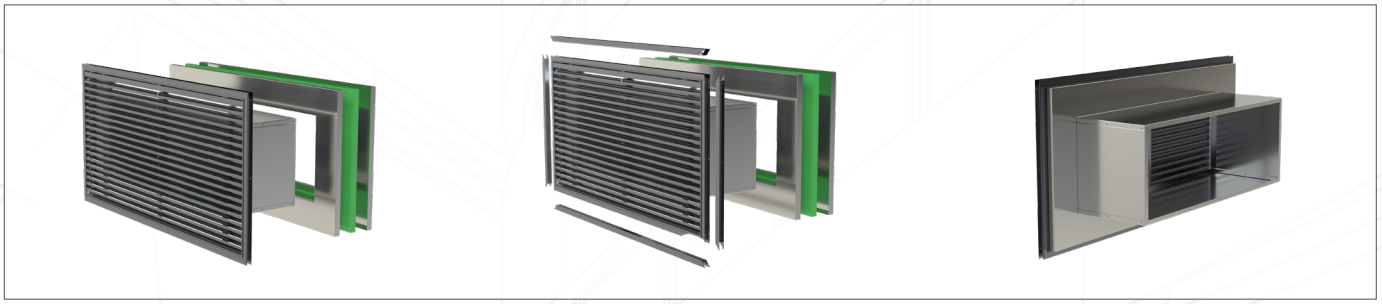
PREMIUM

The result is a premium product that meets both the technical expectations of designers and contractors and the quality **standards valued by end customers in the USA**.



Brookvent ventilation louver components





Example of a louver providing increased air flow

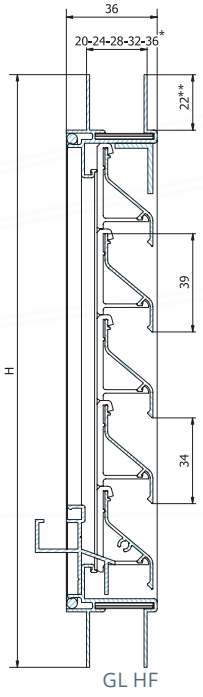
BRL**34Z-GL HF** Ventilation louver mounted in a frame with a 34 mm Z-shaped slat with increased flow area

HIGH FLOW



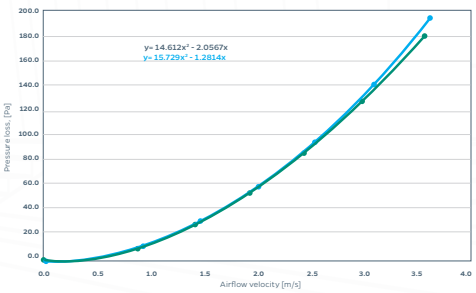
TECHNICAL DETAILS	
Profile	Extruded alu profiles EN AW-6060 T66 (AlMgSi0.5 F22)
Profile thickness	min. 1,1 mm
Height of the blade	39 mm
Blade pitch	34 mm
Rebate size	22 mm **frame extension possible
Glazing thickness	20, 24, 28, 32 or 36 mm, * other glazing unit thicknesses
Visual free area	68%
Physical free area	48%
Stainless steel mesh	Stainless steel (AISI 304) with 2.3 x 2.3 mm holes
Reinforcement	Louvers wider than 700 mm are provided with a reinforcement profile carrying additional blade supports to strengthen the wide louver
Installation	
Fitting into glazing pocket using standard beads and packers.	
SHAPES	
Rectangular, square	
OPTIONS	
Insect mesh; water gutter.	

*** Dimensions upon request



PRESSURE LOSS DIAGRAM

Intake BRL34Z-GL HF / Ejector BRL34Z-GL HF



Aerodynamic characteristics of wall-mounted air intake **BRL34Z-GL HF**

Aerodynamic characteristics of wall-mounted air outlet **BRL34Z-GL HF**

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